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STUDY REPORT

IN VIVO EVALUATION OF THE EFFECTS OF THS2.2 MRTP (DEL/C3/FR1/RDO) ON THE RESPIRATORY AND CARDIOVASCULAR SYSTEMS OF APOLIPOPROTEIN E-DEFICIENT MICE

(STUDY NUMBER 15015)

PART 6:
CONSOLIDATED RESULTS AND STATISTICAL TABLES FROM DELEGATED PHASE 5

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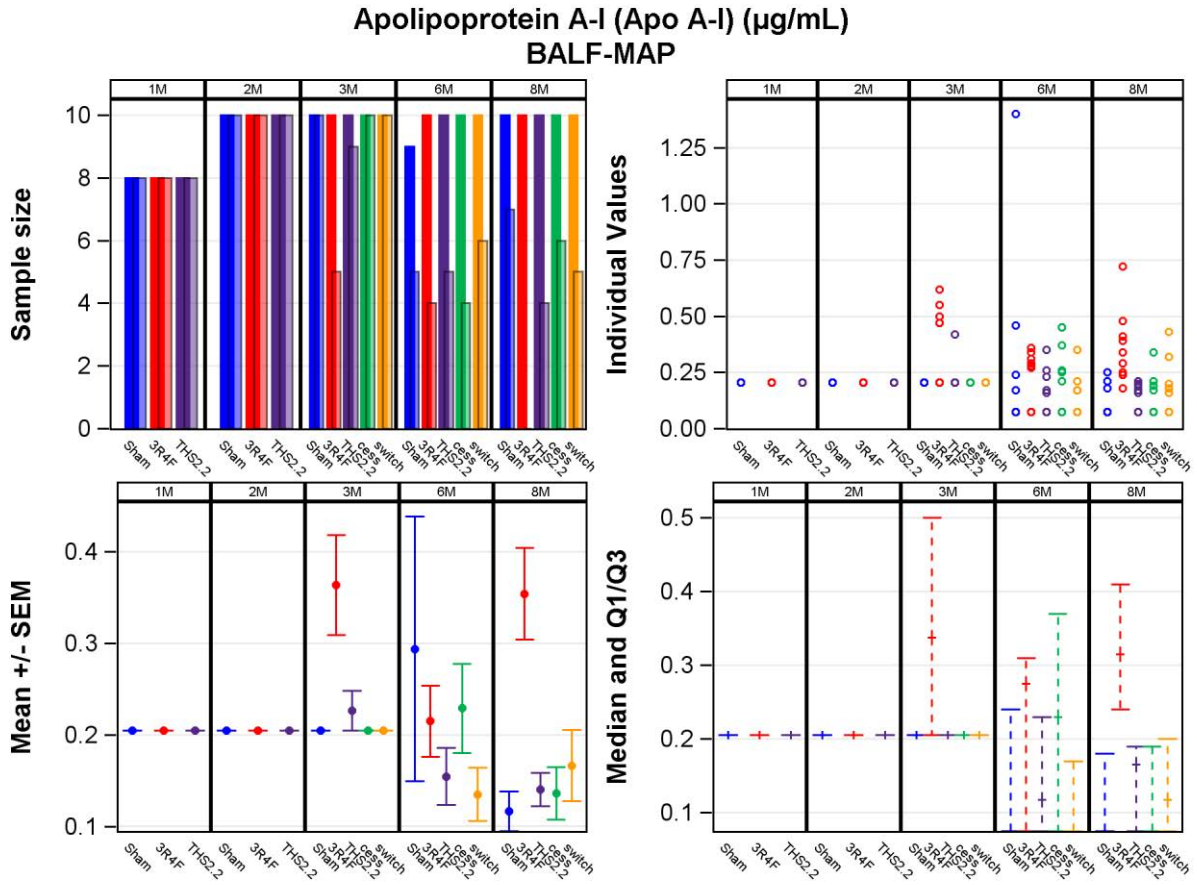
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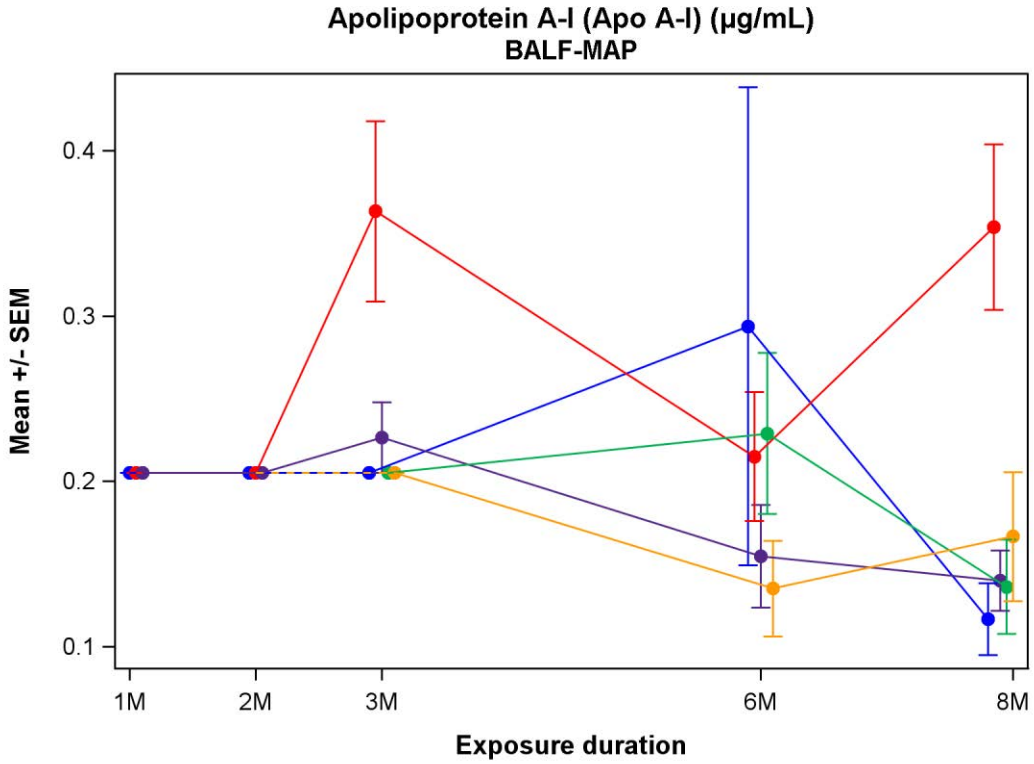
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Apolipoprotein A-I (Apo A-I) (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Apolipoprotein A-I (Apo A-I) (µg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Apolipoprotein A-I (Apo A-I) (µg/mL)
BALF-MAP

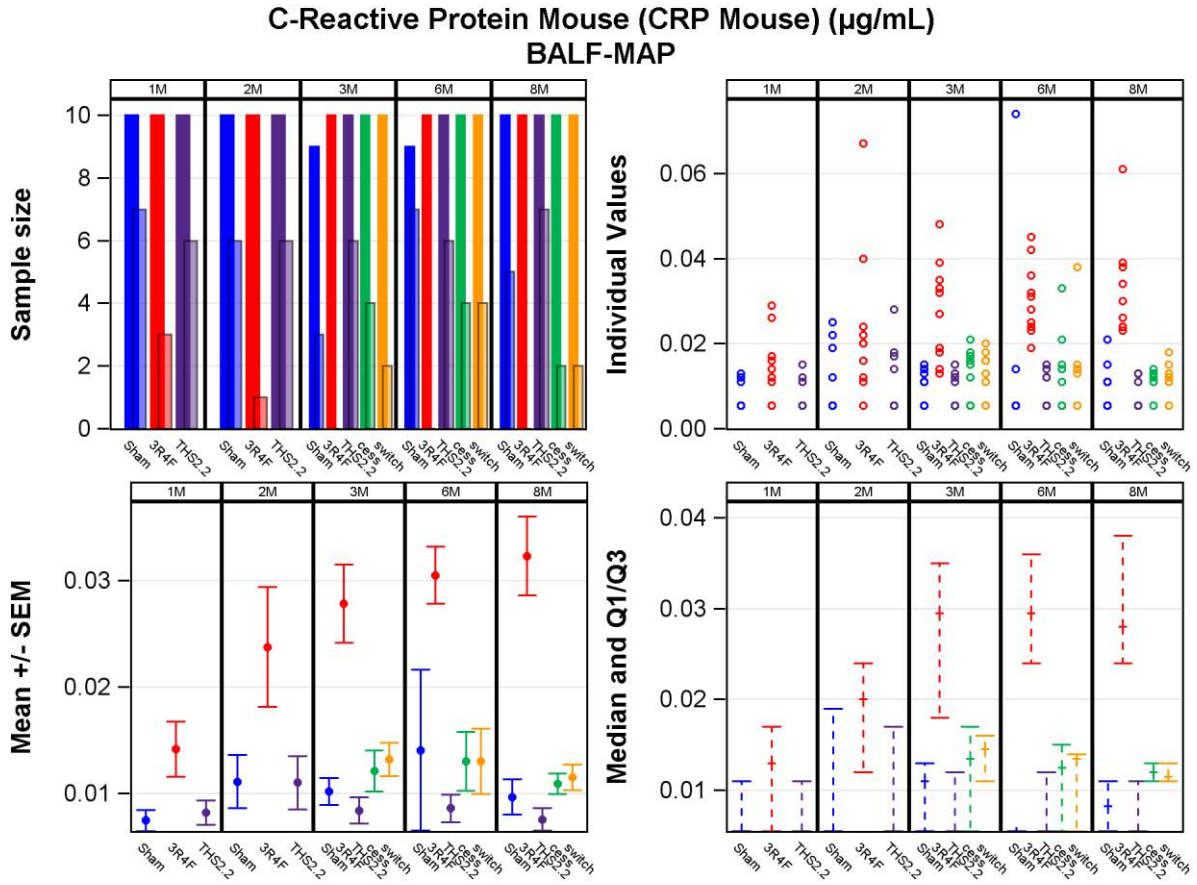
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	8	0.41	8	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	8	0.41	8	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.		
	THS2.2	8	0.41	8	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	10	0.41	5	0.21	0.21	0.34	0.50	0.62	0.36	0.17	0.05	47.43	n.a.		
	THS2.2	10	0.41	9	0.21	0.21	0.21	0.21	0.42	0.23	0.07	0.02	30.02	n.a.	+	
	cess	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.15	5	0.08	0.08	0.08	0.24	1.40	0.29	0.43	0.14	147.77			
	3R4F	10	0.15	4	0.08	0.08	0.28	0.31	0.36	0.22	0.12	0.04	57.37	-		
	THS2.2	10	0.15	5	0.08	0.08	0.12	0.23	0.35	0.15	0.10	0.03	63.61	(-)	(-)	
	cess	10	0.15	4	0.08	0.08	0.23	0.37	0.45	0.23	0.15	0.05	67.37	(-)	(-)	
	switch	10	0.15	6	0.08	0.08	0.08	0.17	0.35	0.14	0.09	0.03	68.02	(-)	(-)	(-)
8M	Sham	10	0.15	7	0.08	0.08	0.08	0.18	0.25	0.12	0.07	0.02	59.09			
	3R4F	10	0.15	0	0.18	0.24	0.32	0.41	0.72	0.35	0.16	0.05	44.73	+++		
	THS2.2	10	0.15	4	0.08	0.08	0.17	0.19	0.21	0.14	0.06	0.02	41.31	(-)	**	
	cess	10	0.15	6	0.08	0.08	0.08	0.19	0.34	0.14	0.09	0.03	66.44	(-)	+++	
	switch	10	0.15	5	0.08	0.08	0.12	0.20	0.43	0.17	0.12	0.04	73.89	(-)	++	(-)

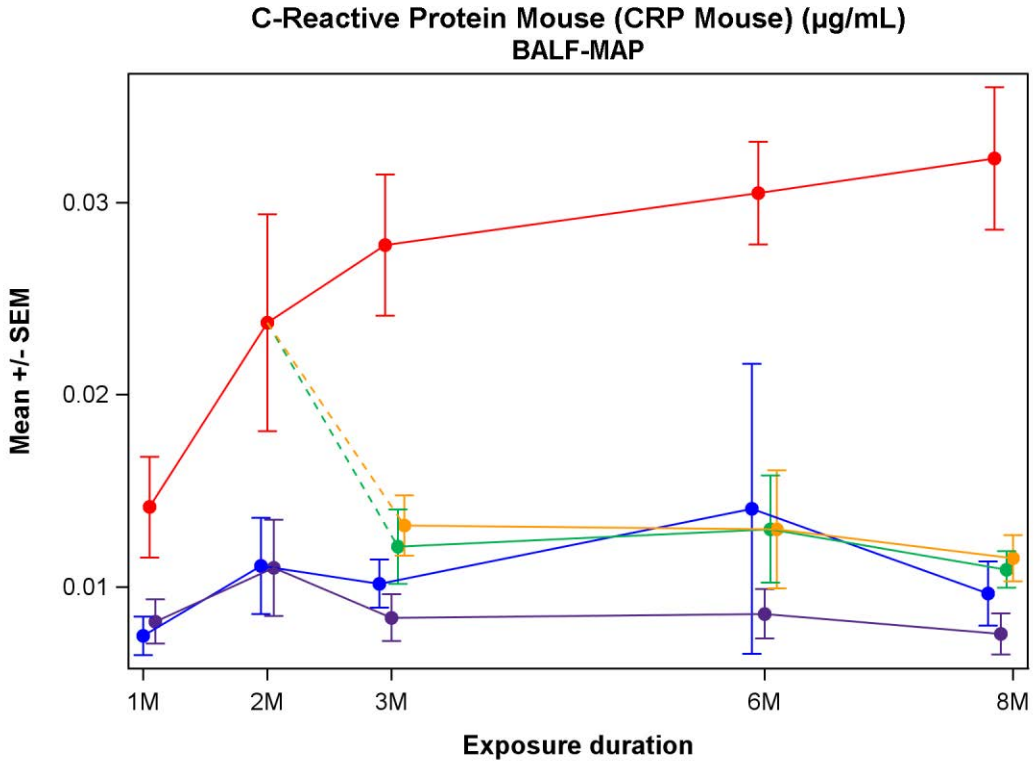
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Apolipoprotein A-I (Apo A-I) (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.16	-0.28	-0.04	.	0.0174	0.0316	n.a.
	Sham	THS2.2	-0.02	-0.07	0.03	.	0.3434	1.0000	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.14	0.01	0.27	0.0011	0.0380	0.0295	+
	3R4F	cess	0.16	0.04	0.28	.	0.0174	0.0317	n.a.
	3R4F	switch	0.16	0.04	0.28	.	0.0174	0.0346	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.08	-0.26	0.42	0.0653	0.6113	0.5863	-
	Sham	THS2.2	0.14	-0.20	0.48	0.0011	0.3718	0.8850	(-)
	Sham	cess	0.06	-0.28	0.41	0.0120	0.6802	0.6187	(-)
	Sham	switch	0.16	-0.18	0.49	0.0001	0.3110	0.6247	(-)
	3R4F	THS2.2	0.06	-0.04	0.17	0.0281	0.2416	0.2563	(-)
	3R4F	cess	-0.01	-0.15	0.12	0.0080	0.8253	1.0000	(-)
	3R4F	switch	0.08	-0.02	0.18	0.0307	0.1187	0.1787	(-)
	cess	switch	0.09	-0.03	0.22	0.0163	0.1190	0.1427	(-)
8M	Sham	3R4F	-0.24	-0.36	-0.12	0.0013	0.0009	0.0002	+++
	Sham	THS2.2	-0.02	-0.08	0.04	0.0187	0.4196	0.4372	(-)
	Sham	cess	-0.02	-0.10	0.06	0.0001	0.5944	0.7603	(-)
	Sham	switch	-0.05	-0.15	0.05	0.0002	0.2807	0.4260	(-)
	3R4F	THS2.2	0.21	0.10	0.33	0.0872	0.0019	<.0001	**
	3R4F	cess	0.22	0.09	0.34	0.0013	0.0020	0.0003	+++
	3R4F	switch	0.19	0.05	0.32	0.0031	0.0088	0.0051	++
	cess	switch	-0.03	-0.13	0.07	0.0003	0.5361	0.7206	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
BALF-MAP
Mean +/- SEM
0.03
0.02
0.01
1M
2M
3M
6M
8M
Exposure duration

C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
BALF-MAP

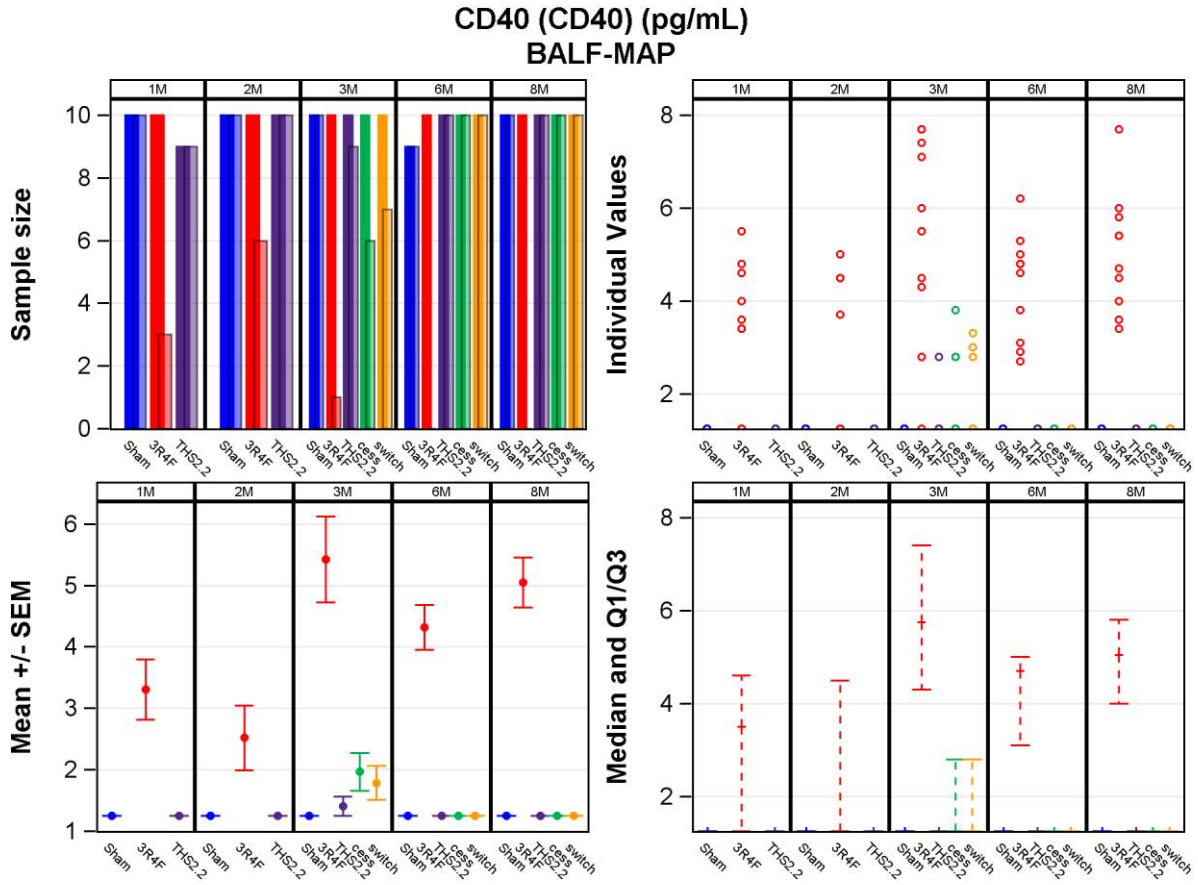
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	7	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	42.62			
	3R4F	10	0.01	3	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.00	58.25	+		
	THS2.2	10	0.01	6	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	44.55	(-)	(-)	
2M	Sham	10	0.01	6	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.00	71.28			
	3R4F	10	0.01	1	0.01	0.01	0.02	0.02	0.07	0.02	0.02	0.01	75.05	+		
	THS2.2	10	0.01	6	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.00	72.00	(-)	+	
3M	Sham	9	0.01	3	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	37.05			
	3R4F	10	0.01	0	0.01	0.02	0.03	0.04	0.05	0.03	0.01	0.00	41.77	***		
	THS2.2	10	0.01	6	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	46.09	(-)	+++	
	cess	10	0.01	4	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	50.49	(-)	**	
	switch	10	0.01	2	0.01	0.01	0.01	0.02	0.02	0.01	0.00	0.00	37.55	-	**	-
6M	Sham	9	0.01	7	0.01	0.01	0.01	0.01	0.07	0.01	0.02	0.01	161.18			
	3R4F	10	0.01	0	0.02	0.02	0.03	0.04	0.05	0.03	0.01	0.00	27.70	++		
	THS2.2	10	0.01	6	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	47.61	(-)	+++	
	cess	10	0.01	4	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.00	67.79	(-)	***	
	switch	10	0.01	4	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.00	75.06	(-)	+++	(-)
8M	Sham	10	0.01	5	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	54.51			
	3R4F	10	0.01	0	0.02	0.02	0.03	0.04	0.06	0.03	0.01	0.00	36.37	+++		
	THS2.2	10	0.01	7	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	44.31	(-)	+++	
	cess	10	0.01	2	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	27.42	-	***	
	switch	10	0.01	2	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	33.30	-	***	(-)

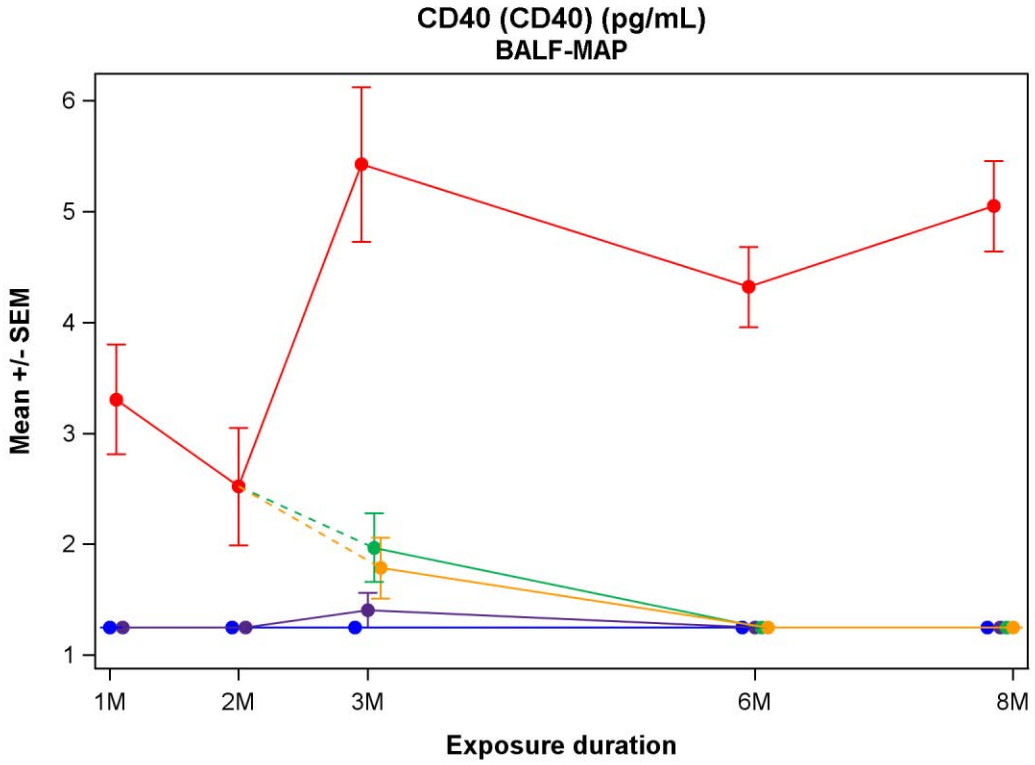
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.01	-0.00	0.0031	0.0342	0.0338	+
	Sham	THS2.2	-0.00	-0.00	0.00	0.0001	0.6301	0.7637	(-)
	3R4F	THS2.2	0.01	-0.00	0.01	0.0141	0.0582	0.0621	(-)
2M	Sham	3R4F	-0.01	-0.03	0.00	0.0017	0.0620	0.0430	+
	Sham	THS2.2	0.00	-0.01	0.01	0.0001	0.9778	0.9624	(-)
	3R4F	THS2.2	0.01	-0.00	0.03	0.0012	0.0602	0.0321	+
3M	Sham	3R4F	-0.02	-0.03	-0.01	0.0828	0.0008	0.0004	***
	Sham	THS2.2	0.00	-0.00	0.01	0.0415	0.3280	0.3885	(-)
	Sham	cess	-0.00	-0.01	0.00	0.0136	0.4144	0.3502	(-)
	Sham	switch	-0.00	-0.01	0.00	0.0875	0.1498	0.1322	-
	3R4F	THS2.2	0.02	0.01	0.03	0.0211	0.0004	0.0001	+++
	3R4F	cess	0.02	0.01	0.02	0.0527	0.0021	0.0034	**
	3R4F	switch	0.01	0.01	0.02	0.4597	0.0032	0.0036	**
	cess	switch	-0.00	-0.01	0.00	0.1004	0.6639	0.7817	-
6M	Sham	3R4F	-0.02	-0.03	0.00	0.0039	0.0672	0.0013	++
	Sham	THS2.2	0.01	-0.01	0.02	0.0003	0.4956	0.6485	(-)
	Sham	cess	0.00	-0.02	0.02	0.0002	0.8982	0.1857	(-)
	Sham	switch	0.00	-0.02	0.02	0.0001	0.8995	0.2126	(-)
	3R4F	THS2.2	0.02	0.02	0.03	0.0105	<.0001	<.0001	+++
	3R4F	cess	0.02	0.01	0.03	0.0780	0.0003	0.0008	***
	3R4F	switch	0.02	0.01	0.03	0.0196	0.0005	0.0004	+++
	cess	switch	0.00	-0.01	0.01	0.0004	1.0000	0.9202	(-)
8M	Sham	3R4F	-0.02	-0.03	-0.01	0.0008	0.0001	<.0001	+++
	Sham	THS2.2	0.00	-0.00	0.01	0.0004	0.3033	0.4394	(-)
	Sham	cess	-0.00	-0.01	0.00	0.2779	0.5239	0.2193	-
	Sham	switch	-0.00	-0.01	0.00	0.4031	0.3816	0.2192	-
	3R4F	THS2.2	0.02	0.02	0.03	0.0002	<.0001	<.0001	+++
	3R4F	cess	0.02	0.01	0.03	0.2981	0.0002	<.0001	***
	3R4F	switch	0.02	0.01	0.03	0.3158	0.0003	<.0001	***
	cess	switch	-0.00	-0.00	0.00	0.0195	0.7010	0.8663	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


CD40 (CD40) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


CD40 (CD40) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

CD40 (CD40) (pg/mL)
BALF-MAP

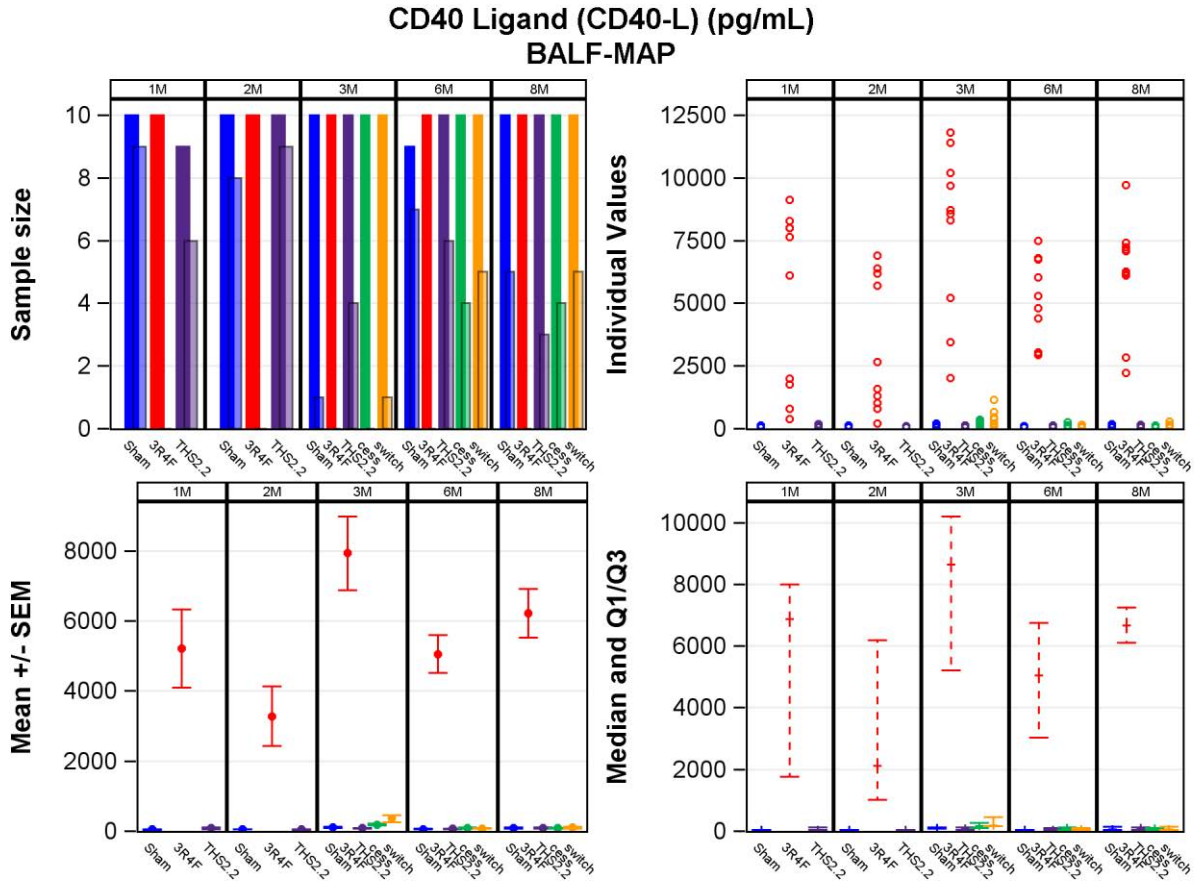
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00			
	3R4F	10	2.50	3	1.25	1.25	3.50	4.60	5.50	3.31	1.56	0.49	47.29	++		
	THS2.2	9	2.50	9	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	++	
2M	Sham	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00			
	3R4F	10	2.50	6	1.25	1.25	1.25	4.50	5.00	2.52	1.67	0.53	66.22	(-)		
	THS2.2	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	(-)	
3M	Sham	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00			
	3R4F	10	2.50	1	1.25	4.30	5.75	7.40	7.70	5.43	2.21	0.70	40.68	+++		
	THS2.2	10	2.50	9	1.25	1.25	1.25	1.25	2.80	1.41	0.49	0.16	34.89	(-)	+++	
	cess	10	2.50	6	1.25	1.25	1.25	2.80	3.80	1.97	0.97	0.31	49.41	(-)	***	
	switch	10	2.50	7	1.25	1.25	1.25	2.80	3.30	1.79	0.87	0.27	48.71	(-)	***	(-)
6M	Sham	9	2.50	9	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00			
	3R4F	10	2.50	0	2.70	3.10	4.70	5.00	6.20	4.32	1.15	0.36	26.61	+++		
	THS2.2	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	
	cess	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	
	switch	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	n.a.
8M	Sham	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00			
	3R4F	10	2.50	0	3.40	4.00	5.05	5.80	7.70	5.05	1.29	0.41	25.64	+++		
	THS2.2	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	
	cess	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	
	switch	10	2.50	10	1.25	1.25	1.25	1.25	1.25	1.25	0.00	0.00	0.00	n.a.	+++	n.a.

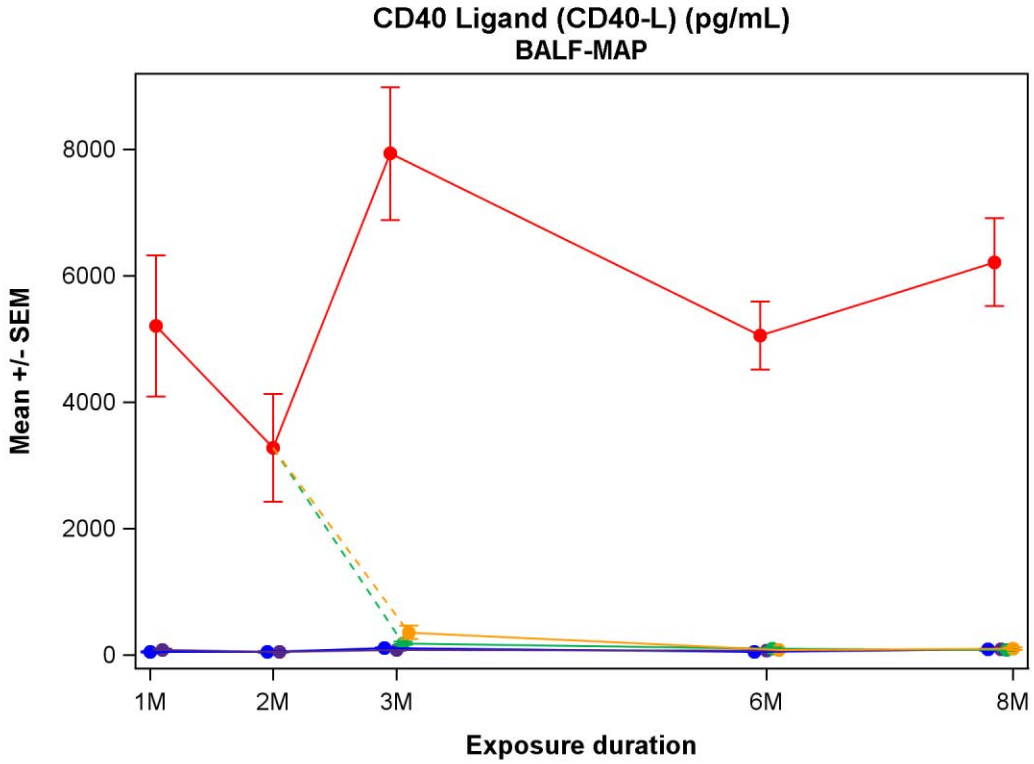
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

CD40 (CD40) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-2.06	-3.17	-0.94	0.0013	0.0025	0.0033	++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	2.06	0.94	3.17	0.0027	0.0025	0.0028	++
2M	Sham	3R4F	-1.27	-2.46	-0.08	0.0021	0.0395	0.0864	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1.27	0.08	2.46	0.0021	0.0395	0.0855	(-)
3M	Sham	3R4F	-4.18	-5.75	-2.60	0.0037	0.0002	0.0001	+++
	Sham	THS2.2	-0.16	-0.51	0.20	0.0001	0.3434	1.0000	(-)
	Sham	cess	-0.72	-1.42	-0.02	0.0017	0.0441	0.0891	(-)
	Sham	switch	-0.54	-1.16	0.09	0.0002	0.0836	0.2139	(-)
	3R4F	THS2.2	4.02	2.42	5.62	0.0060	0.0002	0.0003	+++
	3R4F	cess	3.46	1.80	5.11	0.1269	0.0006	0.0008	***
	3R4F	switch	3.64	2.00	5.28	0.0838	0.0004	0.0008	***
	cess	switch	0.19	-0.68	1.05	0.0001	0.6594	0.8377	(-)
6M	Sham	3R4F	-3.07	-3.89	-2.25	0.0413	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	3.07	2.25	3.89	0.0202	<.0001	<.0001	+++
	3R4F	cess	3.07	2.25	3.89	0.0202	<.0001	<.0001	+++
	3R4F	switch	3.07	2.25	3.89	0.0202	<.0001	<.0001	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-3.80	-4.73	-2.87	0.0047	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	3.80	2.87	4.73	0.0047	<.0001	<.0001	+++
	3R4F	cess	3.80	2.87	4.73	0.0047	<.0001	<.0001	+++
	3R4F	switch	3.80	2.87	4.73	0.0047	<.0001	<.0001	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


CD40 Ligand (CD40-L) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


CD40 Ligand (CD40-L) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

CD40 Ligand (CD40-L) (pg/mL)
BALF-MAP

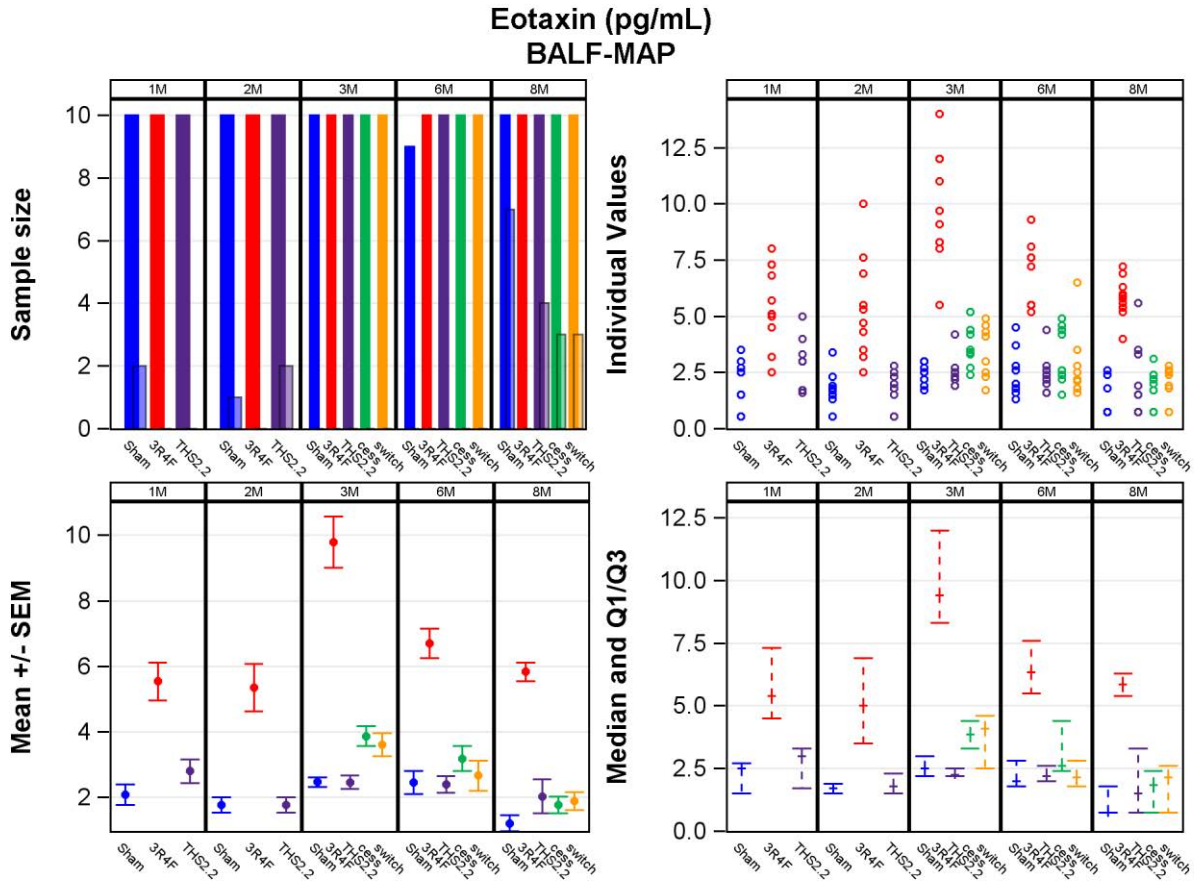
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	86.00	9	43.00	43.00	43.00	43.00	132.00	51.90	28.14	8.90	54.23			
	3R4F	10	86.00	0	393.00	1770.0	6885.0	7990.0	9120.0	5207.6	3526.0	1115.0	67.71	+++		
	THS2.2	9	86.00	6	43.00	43.00	43.00	132.00	191.00	85.78	66.39	22.13	77.40	(-)	+++	
2M	Sham	10	86.00	8	43.00	43.00	43.00	43.00	116.00	55.10	26.18	8.28	47.52			
	3R4F	10	86.00	0	203.00	1020.0	2125.0	6190.0	6890.0	3276.6	2687.7	849.91	82.03	+++		
	THS2.2	10	86.00	9	43.00	43.00	43.00	43.00	91.00	47.80	15.18	4.80	31.76	(-)	+++	
3M	Sham	10	86.00	1	43.00	92.00	98.00	126.00	197.00	110.80	42.48	13.43	38.34			
	3R4F	10	86.00	0	2020.0	5210.0	8645.0	10200	11800	7934.0	3314.8	1048.2	41.78	***		
	THS2.2	10	86.00	4	43.00	43.00	92.00	126.00	126.00	82.60	36.80	11.64	44.55	-	+++	
	cess	10	86.00	0	92.00	104.00	166.50	271.00	348.00	188.50	90.63	28.66	48.08	*	***	
	switch	10	86.00	1	43.00	161.00	197.00	467.00	1160.0	358.70	339.30	107.29	94.59	+	***	(-)
6M	Sham	9	86.00	7	43.00	43.00	43.00	43.00	101.00	55.89	25.58	8.53	45.76			
	3R4F	10	86.00	0	2950.0	3040.0	5055.0	6760.0	7480.0	5057.0	1704.8	539.09	33.71	+++		
	THS2.2	10	86.00	6	43.00	43.00	43.00	101.00	132.00	69.30	35.11	11.10	50.67	(-)	+++	
	cess	10	86.00	4	43.00	43.00	104.00	130.00	245.00	98.90	63.12	19.96	63.82	+	***	
	switch	10	86.00	5	43.00	43.00	72.00	104.00	159.00	81.00	43.50	13.76	53.71	(-)	***	(-)
8M	Sham	10	86.00	5	43.00	43.00	66.50	140.00	191.00	90.20	55.87	17.67	61.94			
	3R4F	10	86.00	0	2230.0	6100.0	6665.0	7240.0	9700.0	6216.0	2200.3	695.79	35.40	***		
	THS2.2	10	86.00	3	43.00	43.00	104.00	115.00	151.00	93.50	38.58	12.20	41.27	-	***	
	cess	10	86.00	4	43.00	43.00	90.00	113.00	140.00	83.30	37.37	11.82	44.86	(-)	***	
	switch	10	86.00	5	43.00	43.00	66.50	151.00	273.00	103.40	77.88	24.63	75.32	(-)	***	(-)

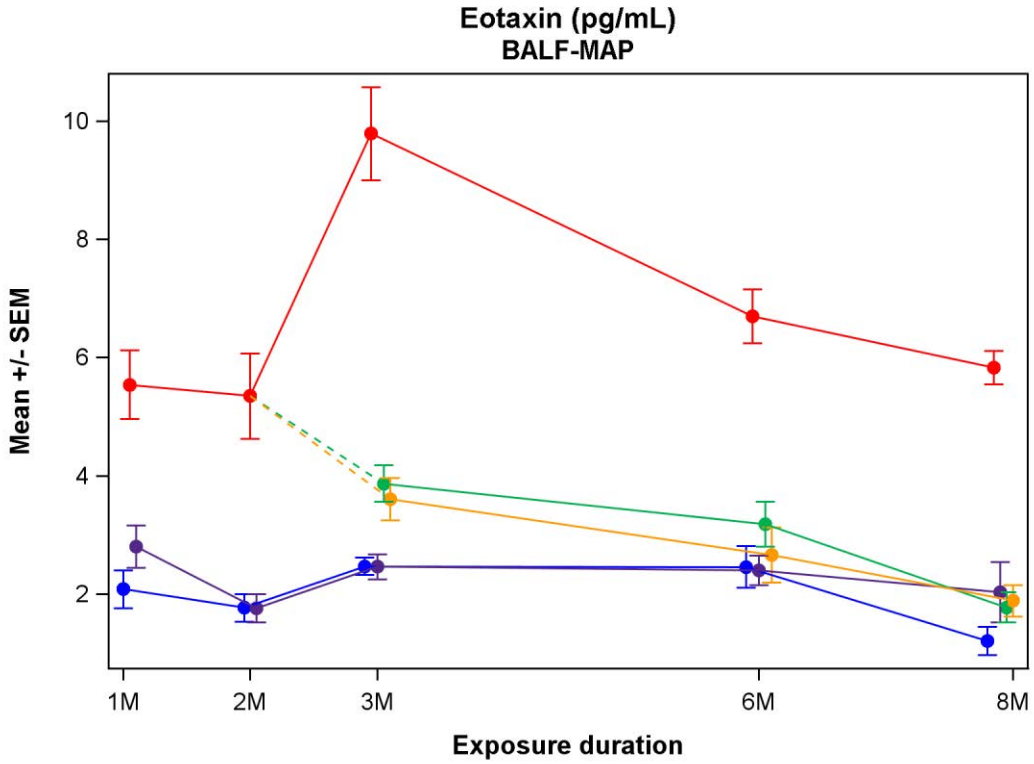
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

CD40 Ligand (CD40-L) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-5156	-7678	-2633	0.0123	0.0012	<.0001	+++
	Sham	THS2.2	-33.88	-86.65	18.89	0.0001	0.1844	0.1923	(-)
	3R4F	THS2.2	5121.8	2599.3	7644.4	0.0316	0.0013	<.0001	+++
2M	Sham	3R4F	-3222	-5144	-1299	0.0014	0.0043	0.0001	+++
	Sham	THS2.2	7.30	-13.17	27.77	0.0001	0.4579	0.7328	(-)
	3R4F	THS2.2	3228.8	1306.2	5151.4	0.0007	0.0042	0.0001	+++
3M	Sham	3R4F	-7823	-10195	-5452	0.9258	<.0001	<.0001	***
	Sham	THS2.2	28.20	-9.19	65.59	0.3192	0.1304	0.2259	-
	Sham	cess	-77.70	-146.2	-9.19	0.2153	0.0292	0.0256	*
	Sham	switch	-247.9	-491.4	-4.42	0.0174	0.0467	0.0106	+
	3R4F	THS2.2	7851.4	5480.1	10223	0.0283	<.0001	<.0001	+++
	3R4F	cess	7745.5	5373.9	10117	0.7564	<.0001	<.0001	***
	3R4F	switch	7575.3	5199.1	9951.5	0.8951	<.0001	<.0001	***
	cess	switch	-170.2	-416.7	76.35	0.0145	0.1556	0.2596	(-)
6M	Sham	3R4F	-5001	-6221	-3782	0.0173	<.0001	<.0001	+++
	Sham	THS2.2	-13.41	-43.04	16.21	0.0001	0.3520	0.5398	(-)
	Sham	cess	-43.01	-90.25	4.22	0.0011	0.0706	0.0350	+
	Sham	switch	-25.11	-59.65	9.43	0.0008	0.1419	0.1825	(-)
	3R4F	THS2.2	4987.7	3768.1	6207.3	0.0309	<.0001	0.0001	+++
	3R4F	cess	4958.1	3738.3	6177.9	0.1999	<.0001	<.0001	***
	3R4F	switch	4976.0	3756.3	6195.7	0.0738	<.0001	<.0001	***
	cess	switch	17.90	-33.50	69.30	0.0027	0.4710	0.4487	(-)
8M	Sham	3R4F	-6126	-7700	-4552	0.6058	<.0001	<.0001	***
	Sham	THS2.2	-3.30	-48.82	42.22	0.1402	0.8798	0.7910	-
	Sham	cess	6.90	-38.23	52.03	0.0155	0.7497	0.8338	(-)
	Sham	switch	-13.20	-77.35	50.95	0.0021	0.6689	0.8301	(-)
	3R4F	THS2.2	6122.5	4548.4	7696.6	0.0548	<.0001	<.0001	***
	3R4F	cess	6132.7	4558.6	7706.8	0.2029	<.0001	<.0001	***
	3R4F	switch	6112.6	4538.2	7687.0	0.5617	<.0001	<.0001	***
	cess	switch	-20.10	-79.14	38.94	0.0299	0.4750	0.7433	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Eotaxin (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Eotaxin (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

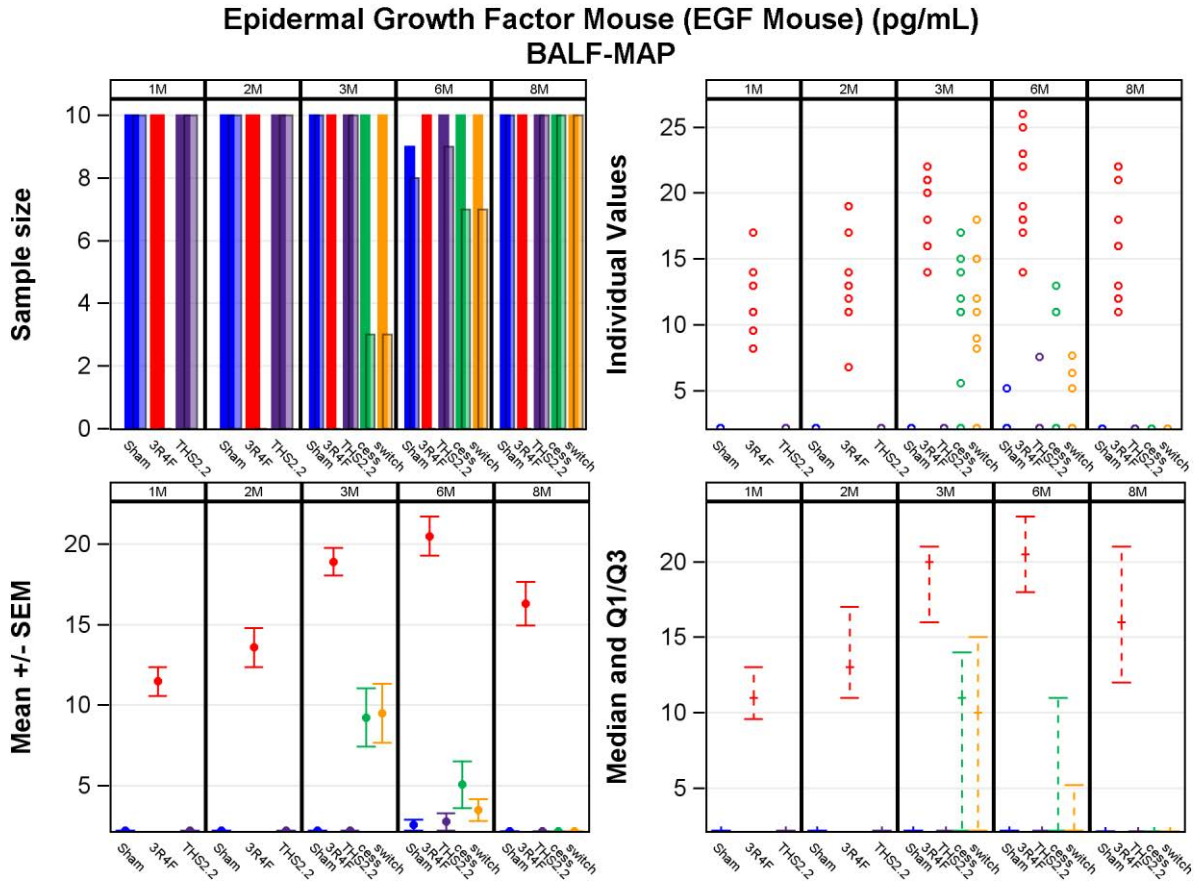
Eotaxin (pg/mL)
BALF-MAP

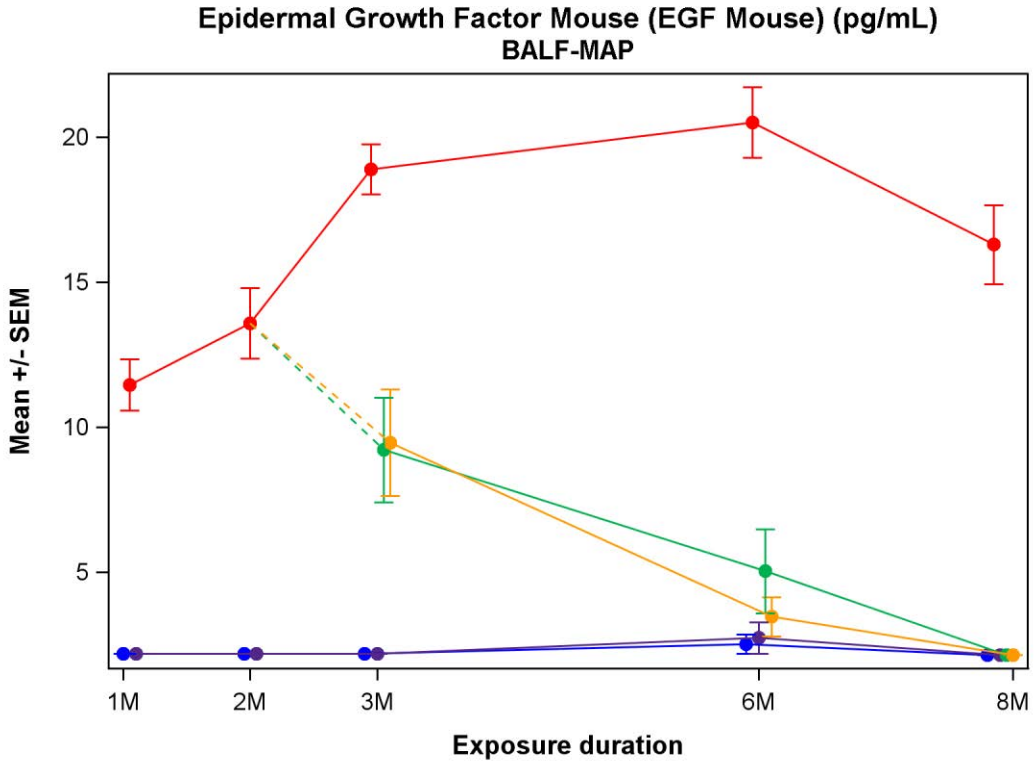
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.10	2	0.55	1.50	2.50	2.70	3.50	2.08	1.01	0.32	48.43			
	3R4F	10	1.10	0	2.50	4.50	5.40	7.30	8.00	5.54	1.83	0.58	33.03	***		
	THS2.2	10	1.10	0	1.60	1.70	3.00	3.30	5.00	2.80	1.14	0.36	40.76	-	**	
2M	Sham	10	1.10	1	0.55	1.50	1.70	1.90	3.40	1.77	0.73	0.23	41.46			
	3R4F	10	1.10	0	2.50	3.50	5.00	6.90	10.00	5.35	2.28	0.72	42.63	***		
	THS2.2	10	1.10	2	0.55	1.50	1.80	2.30	2.80	1.76	0.74	0.24	42.26	-	***	
3M	Sham	10	1.10	0	1.70	2.20	2.50	3.00	3.00	2.47	0.47	0.15	18.90			
	3R4F	10	1.10	0	5.50	8.30	9.40	12.00	14.00	9.79	2.48	0.79	25.36	***		
	THS2.2	10	1.10	0	1.90	2.20	2.25	2.50	4.20	2.46	0.66	0.21	26.91	-	***	
	cess	10	1.10	0	2.40	3.30	3.85	4.40	5.20	3.87	0.97	0.31	24.99	**	***	
	switch	10	1.10	0	1.70	2.50	4.10	4.60	4.90	3.61	1.13	0.36	31.38	+	***	-
6M	Sham	9	1.10	0	1.30	1.80	2.00	2.80	4.50	2.46	1.06	0.35	43.20			
	3R4F	10	1.10	0	5.20	5.50	6.35	7.60	9.30	6.70	1.44	0.45	21.46	+++		
	THS2.2	10	1.10	0	1.60	2.00	2.20	2.60	4.40	2.40	0.80	0.25	33.33	(-)	+++	
	cess	10	1.10	0	1.50	2.40	2.60	4.40	4.90	3.18	1.21	0.38	38.05	-	+++	
	switch	10	1.10	0	1.60	1.80	2.15	2.80	6.50	2.66	1.47	0.46	55.14	(-)	+++	(-)
8M	Sham	10	1.50	7	0.75	0.75	0.75	1.80	2.60	1.21	0.76	0.24	62.94			
	3R4F	10	1.50	0	4.00	5.40	5.85	6.30	7.20	5.83	0.90	0.28	15.41	+++		
	THS2.2	10	1.50	4	0.75	0.75	1.50	3.30	5.60	2.03	1.62	0.51	79.86	(-)	***	
	cess	10	1.50	3	0.75	0.75	1.85	2.40	3.10	1.78	0.81	0.26	45.74	(-)	***	
	switch	10	1.50	3	0.75	0.75	2.15	2.60	2.80	1.89	0.84	0.27	44.65	-	***	(-)

Eotaxin (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-3.46	-4.88	-2.04	0.1801	0.0001	0.0002	***
	Sham	THS2.2	-0.72	-1.73	0.29	0.3876	0.1523	0.1233	-
	3R4F	THS2.2	2.74	1.29	4.19	0.7841	0.0011	0.0015	**
2M	Sham	3R4F	-3.59	-5.26	-1.91	0.2146	0.0006	0.0001	***
	Sham	THS2.2	0.01	-0.69	0.70	0.2580	0.9881	0.5627	-
	3R4F	THS2.2	3.59	1.92	5.26	0.8801	0.0006	0.0002	***
3M	Sham	3R4F	-7.32	-9.11	-5.53	0.5406	<.0001	0.0001	***
	Sham	THS2.2	0.01	-0.53	0.55	0.2299	0.9693	0.5869	-
	Sham	cess	-1.40	-2.13	-0.67	0.2241	0.0012	0.0013	**
	Sham	switch	-1.14	-1.98	-0.30	0.0497	0.0123	0.0337	+
	3R4F	THS2.2	7.33	5.53	9.13	0.0908	<.0001	<.0001	***
	3R4F	cess	5.92	4.08	7.76	0.6857	<.0001	<.0001	***
	3R4F	switch	6.18	4.31	8.05	0.4046	<.0001	<.0001	***
	cess	switch	0.26	-0.73	1.25	0.1695	0.5879	0.6162	-
6M	Sham	3R4F	-4.24	-5.46	-3.03	0.0234	<.0001	<.0001	+++
	Sham	THS2.2	0.06	-0.87	0.98	0.0150	0.9000	0.8543	(-)
	Sham	cess	-0.72	-1.82	0.37	0.0542	0.1823	0.1983	-
	Sham	switch	-0.20	-1.44	1.03	0.0025	0.7304	0.8238	(-)
	3R4F	THS2.2	4.30	3.18	5.42	0.0250	<.0001	<.0001	+++
	3R4F	cess	3.52	2.27	4.77	0.0317	<.0001	<.0001	+++
	3R4F	switch	4.04	2.68	5.40	0.0078	<.0001	<.0001	+++
	cess	switch	0.52	-0.75	1.79	0.0125	0.3989	0.1919	(-)
8M	Sham	3R4F	-4.63	-5.41	-3.84	0.0398	<.0001	<.0001	+++
	Sham	THS2.2	-0.82	-2.05	0.40	0.0003	0.1691	0.1974	(-)
	Sham	cess	-0.57	-1.31	0.17	0.0481	0.1222	0.1688	(-)
	Sham	switch	-0.68	-1.43	0.07	0.0795	0.0740	0.0774	-
	3R4F	THS2.2	3.80	2.54	5.06	0.4987	<.0001	<.0001	***
	3R4F	cess	4.06	3.25	4.86	0.8230	<.0001	<.0001	***
	3R4F	switch	3.95	3.13	4.76	0.4835	<.0001	<.0001	***
	cess	switch	-0.11	-0.89	0.67	0.0162	0.7695	0.5205	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

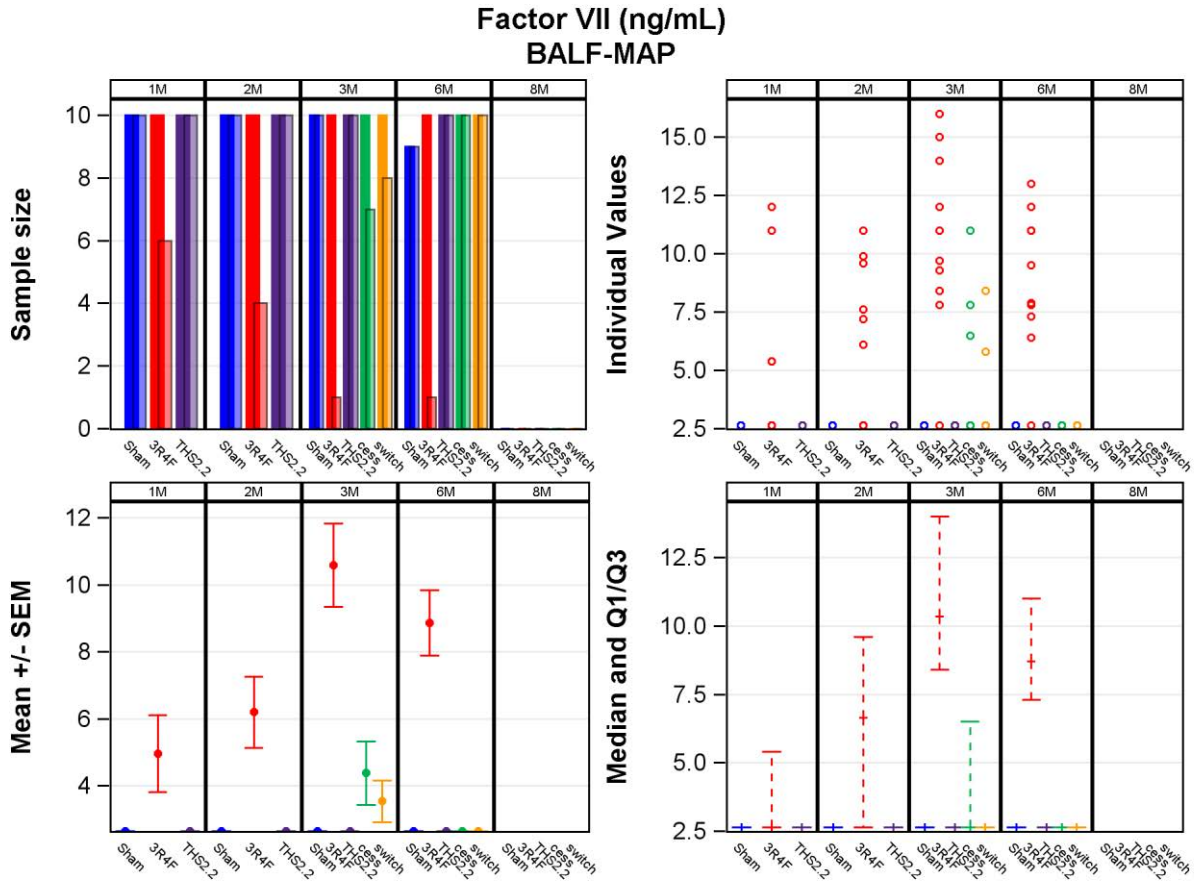
Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
BALF-MAP

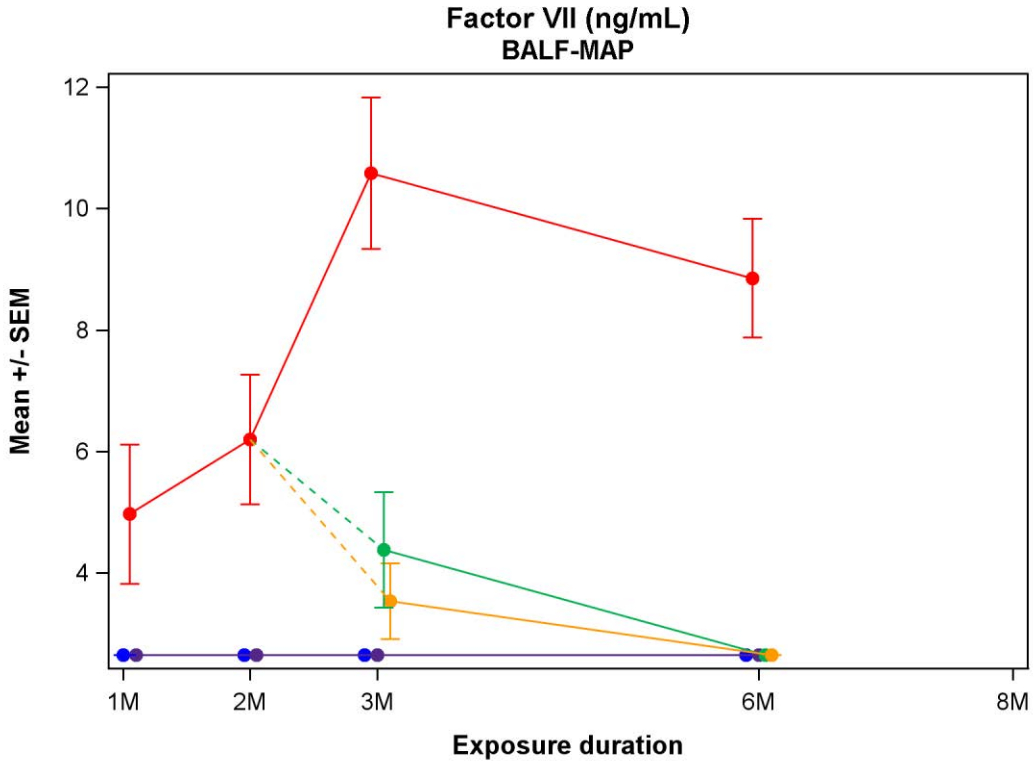
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00			
	3R4F	10	4.40	0	8.20	9.60	11.00	13.00	17.00	11.46	2.80	0.88	24.42	n.a.		
	THS2.2	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00			
	3R4F	10	4.40	0	6.80	11.00	13.00	17.00	19.00	13.58	3.85	1.22	28.32	n.a.		
	THS2.2	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00			
	3R4F	10	4.40	0	14.00	16.00	20.00	21.00	22.00	18.90	2.73	0.86	14.43	n.a.		
	THS2.2	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	4.40	3	2.20	2.20	11.00	14.00	17.00	9.22	5.69	1.80	61.76	n.a.	+++	
	switch	10	4.40	3	2.20	2.20	10.00	15.00	18.00	9.48	5.80	1.84	61.21	n.a.	***	(-)
6M	Sham	9	4.40	8	2.20	2.20	2.20	2.20	5.20	2.53	1.00	0.33	39.47			
	3R4F	10	4.40	0	14.00	18.00	20.50	23.00	26.00	20.50	3.87	1.22	18.86	+++		
	THS2.2	10	4.40	9	2.20	2.20	2.20	2.20	7.60	2.74	1.71	0.54	62.32	(-)	+++	
	cess	10	4.40	7	2.20	2.20	2.20	11.00	13.00	5.04	4.61	1.46	91.37	(-)	+++	
	switch	10	4.40	7	2.20	2.20	2.20	5.20	7.70	3.47	2.13	0.67	61.33	(-)	+++	(-)
8M	Sham	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00			
	3R4F	10	4.30	0	11.00	12.00	16.00	21.00	22.00	16.30	4.30	1.36	26.36	n.a.		
	THS2.2	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00	n.a.	n.a.	n.a.

Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-9.26	-11.26	-7.26	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	9.26	7.26	11.26	.	<.0001	<.0001	n.a.
2M	Sham	3R4F	-11.38	-14.13	-8.63	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	11.38	8.63	14.13	.	<.0001	<.0001	n.a.
3M	Sham	3R4F	-16.70	-18.65	-14.75	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-7.02	-11.09	-2.95	.	0.0036	0.0026	n.a.
	Sham	switch	-7.28	-11.43	-3.13	.	0.0033	0.0033	n.a.
	3R4F	THS2.2	16.70	14.75	18.65	.	<.0001	0.0001	n.a.
	3R4F	cess	9.68	5.36	14.00	0.0428	0.0003	0.0001	+++
	3R4F	switch	9.42	5.03	13.81	0.1083	0.0005	<.0001	***
	cess	switch	-0.26	-5.66	5.14	0.0216	0.9206	0.9618	(-)
6M	Sham	3R4F	-17.97	-20.78	-15.16	0.0118	<.0001	<.0001	+++
	Sham	THS2.2	-0.21	-1.56	1.15	0.0001	0.7492	1.0000	(-)
	Sham	cess	-2.51	-5.84	0.82	0.0001	0.1245	0.3222	(-)
	Sham	switch	-0.94	-2.56	0.68	0.0001	0.2342	0.3883	(-)
	3R4F	THS2.2	17.76	14.86	20.66	0.0039	<.0001	<.0001	+++
	3R4F	cess	15.46	11.46	19.46	0.0090	<.0001	0.0001	+++
	3R4F	switch	17.03	14.04	20.02	0.0211	<.0001	<.0001	+++
	cess	switch	1.57	-1.90	5.04	0.0001	0.3461	0.6617	(-)
8M	Sham	3R4F	-14.15	-17.22	-11.08	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	14.15	11.08	17.22	.	<.0001	<.0001	n.a.
	3R4F	cess	14.15	11.08	17.22	.	<.0001	<.0001	n.a.
	3R4F	switch	14.15	11.08	17.22	.	<.0001	0.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Factor VII (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Factor VII (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Factor VII (ng/mL)
BALF-MAP

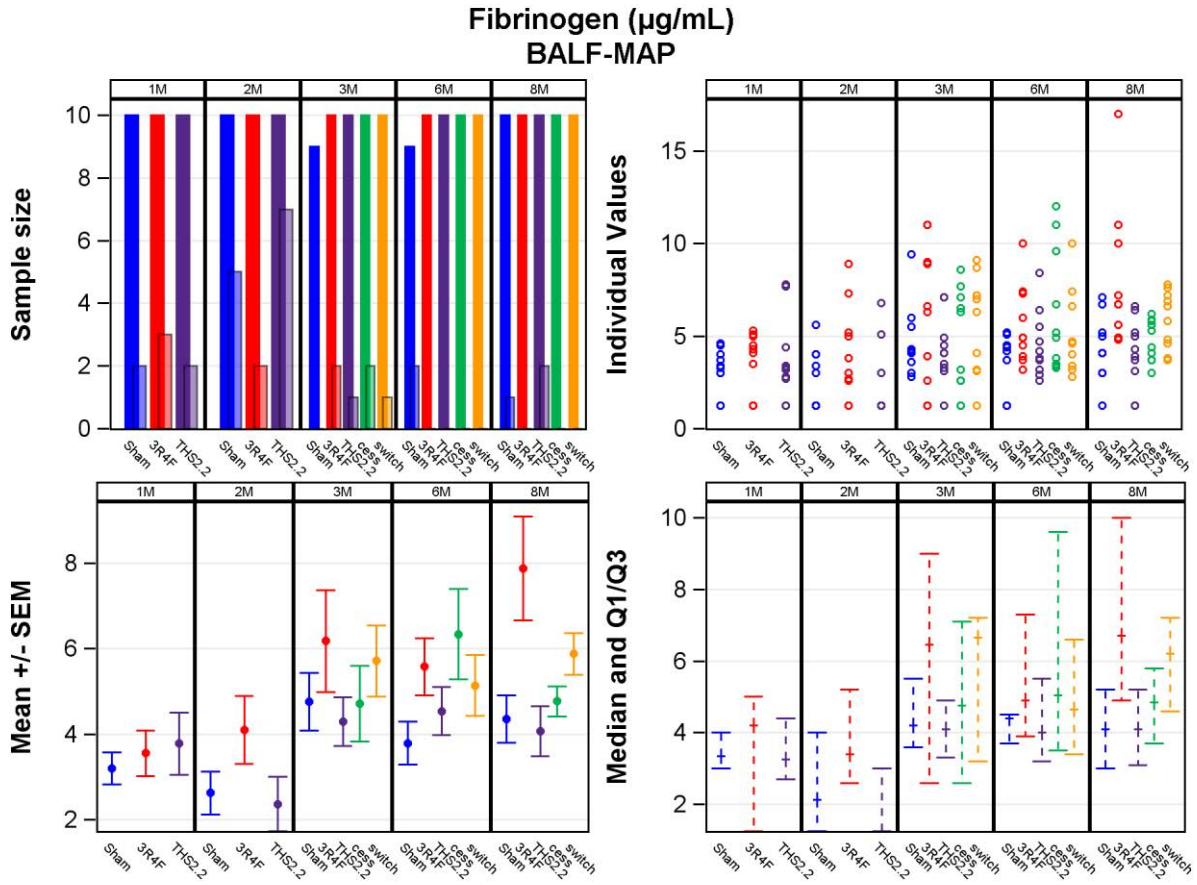
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00			
	3R4F	10	5.30	6	2.65	2.65	2.65	5.40	12.00	4.97	3.63	1.15	72.99	n.a.		
	THS2.2	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00			
	3R4F	10	5.30	4	2.65	2.65	6.65	9.60	11.00	6.20	3.36	1.06	54.21	n.a.		
	THS2.2	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00			
	3R4F	10	5.30	1	2.65	8.40	10.35	14.00	16.00	10.59	3.95	1.25	37.34	n.a.		
	THS2.2	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.30	7	2.65	2.65	2.65	6.50	11.00	4.39	3.00	0.95	68.40	n.a.	++	
	switch	10	5.30	8	2.65	2.65	2.65	2.65	8.40	3.54	1.97	0.62	55.76	n.a.	+++	(-)
6M	Sham	9	5.30	9	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00			
	3R4F	10	5.30	1	2.65	7.30	8.70	11.00	13.00	8.86	3.09	0.98	34.84	+++		
	THS2.2	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	5.30	10	2.65	2.65	2.65	2.65	2.65	2.65	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	0	.	0	.	.	.	.	.	.	.	.	.			
	3R4F	0	.	0	.	.	.	.	.	.	.	.	.			
	THS2.2	0	.	0	.	.	.	.	.	.	.	.	.			
	cess	0	.	0	.	.	.	.	.	.	.	.	.			
	switch	0	.	0	.	.	.	.	.	.	.	.	.			

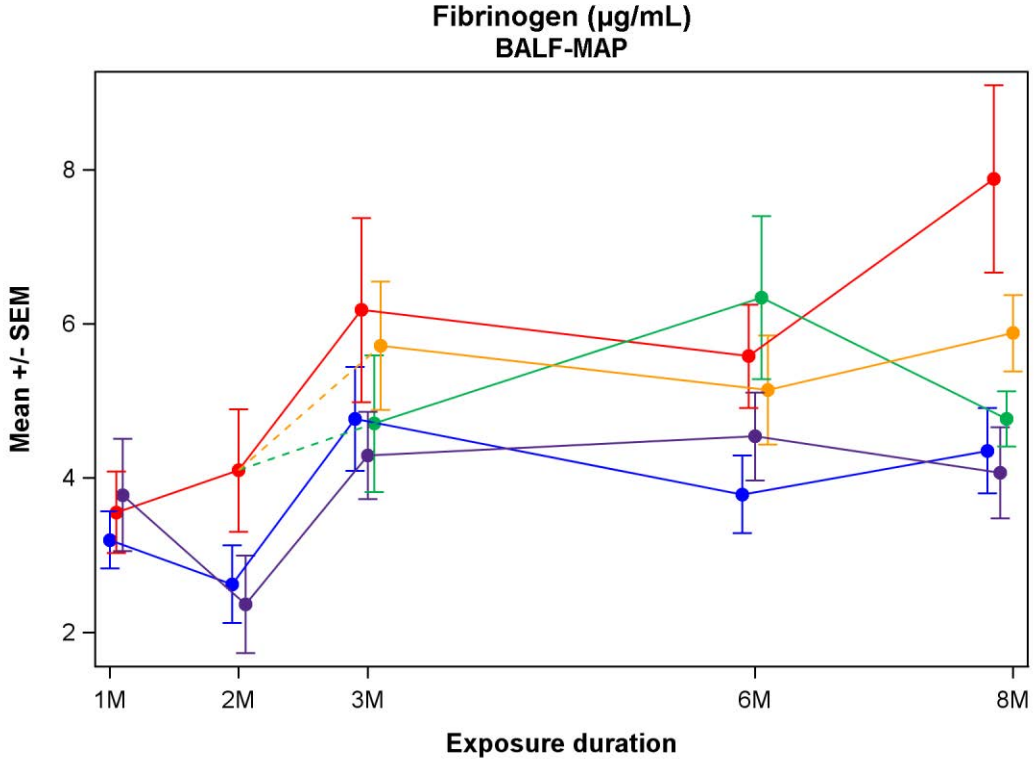
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Factor VII (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-2.32	-4.92	0.28	.	0.0738	0.0813	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	2.32	-0.28	4.92	.	0.0738	0.0888	n.a.
2M	Sham	3R4F	-3.55	-5.95	-1.15	.	0.0087	0.0119	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	3.55	1.15	5.95	.	0.0087	0.0119	n.a.
3M	Sham	3R4F	-7.94	-10.76	-5.11	.	0.0001	0.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-1.74	-3.88	0.41	.	0.1006	0.2137	n.a.
	Sham	switch	-0.89	-2.30	0.52	.	0.1877	0.4795	n.a.
	3R4F	THS2.2	7.94	5.11	10.76	.	0.0001	0.0001	n.a.
	3R4F	cess	6.20	2.89	9.51	0.0462	0.0011	0.0017	++
	3R4F	switch	7.05	4.03	10.06	0.0107	0.0002	0.0004	+++
	cess	switch	0.84	-1.57	3.26	0.0001	0.4678	0.5838	(-)
6M	Sham	3R4F	-6.21	-8.41	-4.00	0.0172	0.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	6.21	4.00	8.41	.	0.0001	0.0002	n.a.
	3R4F	cess	6.21	4.00	8.41	.	0.0001	<.0001	n.a.
	3R4F	switch	6.21	4.00	8.41	.	0.0001	0.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Fibrinogen (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Fibrinogen (µg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

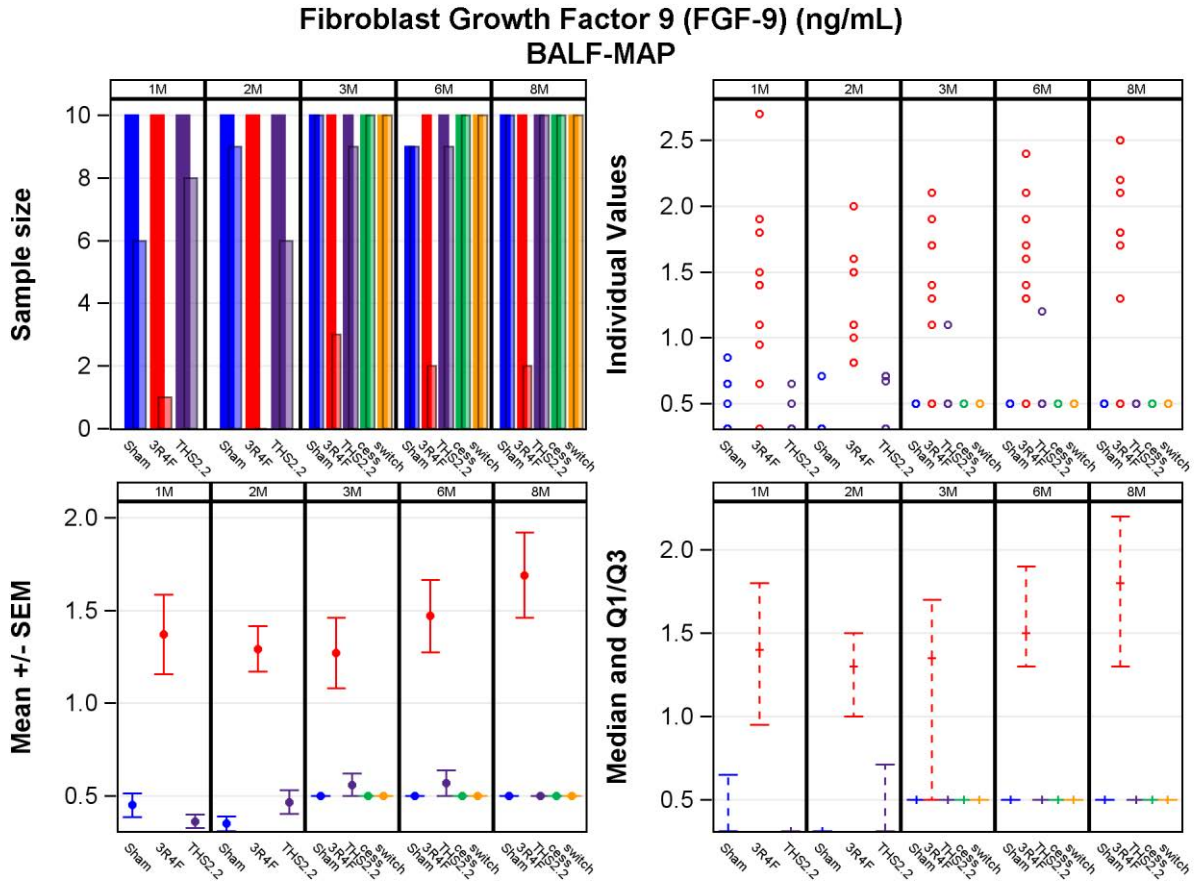
Fibrinogen (µg/mL)
BALF-MAP

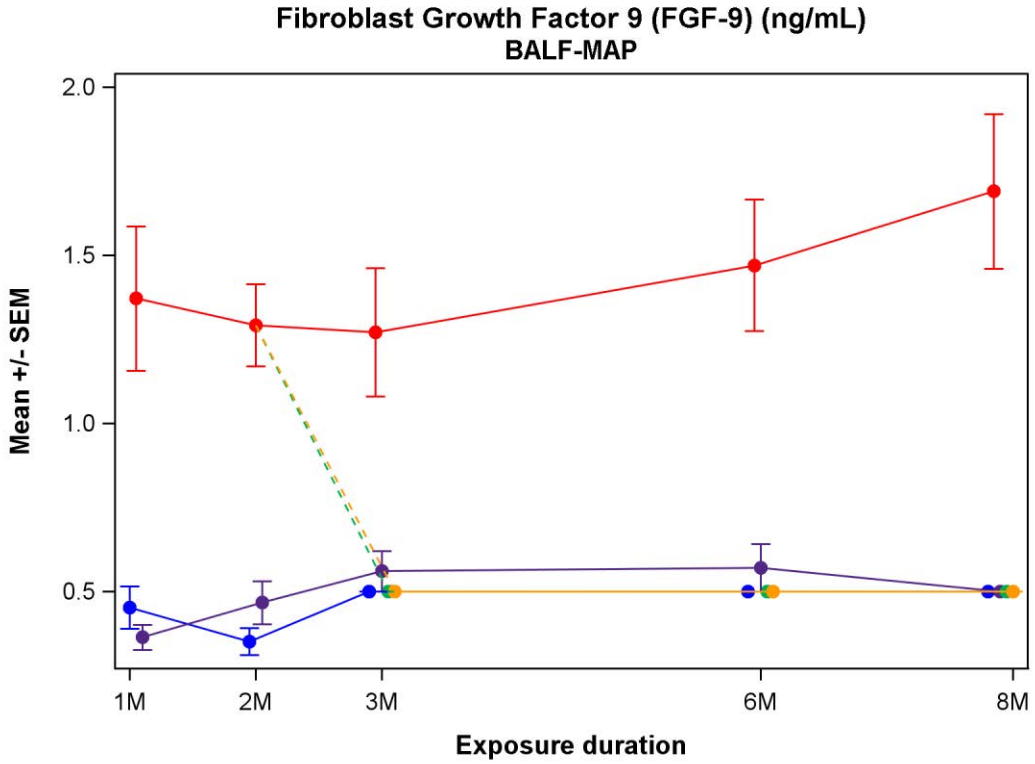
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.50	2	1.25	3.00	3.35	4.00	4.60	3.20	1.17	0.37	36.50			
	3R4F	10	2.50	3	1.25	1.25	4.20	5.00	5.30	3.56	1.67	0.53	47.08	(-)		
	THS2.2	10	2.50	2	1.25	2.70	3.25	4.40	7.80	3.78	2.30	0.73	60.81	-	-	
2M	Sham	10	2.50	5	1.25	1.25	2.13	4.00	5.60	2.63	1.59	0.50	60.67			
	3R4F	10	2.50	2	1.25	2.60	3.40	5.20	8.90	4.10	2.52	0.80	61.41	(-)		
	THS2.2	10	2.50	7	1.25	1.25	1.25	3.00	6.80	2.37	2.01	0.63	84.87	(-)	(-)	
3M	Sham	9	2.50	0	2.80	3.60	4.20	5.50	9.40	4.77	2.03	0.68	42.52			
	3R4F	10	2.50	2	1.25	2.60	6.45	9.00	11.00	6.18	3.78	1.20	61.17	-		
	THS2.2	10	2.50	1	1.25	3.30	4.10	4.90	7.10	4.30	1.78	0.56	41.46	-	-	
	cess	10	2.50	2	1.25	2.60	4.75	7.10	8.60	4.71	2.80	0.89	59.48	-	(-)	
	switch	10	2.50	1	1.25	3.20	6.65	7.20	9.10	5.72	2.63	0.83	46.10	-	-	-
6M	Sham	9	2.50	2	1.25	3.70	4.40	4.50	5.20	3.79	1.51	0.50	39.77			
	3R4F	10	2.50	0	3.20	3.90	4.90	7.30	10.00	5.58	2.11	0.67	37.83	*		
	THS2.2	10	2.50	0	2.60	3.20	4.00	5.50	8.40	4.54	1.79	0.57	39.49	-	(-)	
	cess	10	2.50	0	3.30	3.50	5.05	9.60	12.00	6.34	3.34	1.06	52.65	*	(-)	
	switch	10	2.50	0	2.80	3.40	4.65	6.60	10.00	5.14	2.24	0.71	43.55	-	(-)	(-)
8M	Sham	10	2.50	1	1.25	3.00	4.10	5.20	7.10	4.36	1.75	0.55	40.26			
	3R4F	10	2.50	0	4.80	4.90	6.70	10.00	17.00	7.88	3.85	1.22	48.80	*		
	THS2.2	10	2.50	2	1.25	3.10	4.10	5.20	6.60	4.07	1.86	0.59	45.63	-	*	
	cess	10	2.50	0	3.00	3.70	4.85	5.80	6.20	4.77	1.12	0.36	23.55	-	*	
	switch	10	2.50	0	3.70	4.60	6.20	7.20	7.80	5.88	1.56	0.49	26.49	-	-	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Fibrinogen (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.36	-1.72	1.01	0.0144	0.5898	0.3269	(-)
	Sham	THS2.2	-0.58	-2.34	1.18	0.5097	0.4891	0.8931	-
	3R4F	THS2.2	-0.22	-2.13	1.68	0.3528	0.8055	0.6818	-
2M	Sham	3R4F	-1.47	-3.48	0.53	0.0363	0.1380	0.2417	(-)
	Sham	THS2.2	0.26	-1.45	1.97	0.0016	0.7522	0.5206	(-)
	3R4F	THS2.2	1.74	-0.41	3.88	0.0021	0.1064	0.0621	(-)
3M	Sham	3R4F	-1.41	-4.36	1.53	0.4191	0.3208	0.5311	-
	Sham	THS2.2	0.47	-1.39	2.34	0.1608	0.5991	0.7622	-
	Sham	cess	0.06	-2.30	2.41	0.2022	0.9601	0.8266	-
	Sham	switch	-0.95	-3.22	1.32	0.6886	0.3892	0.4130	-
	3R4F	THS2.2	1.89	-0.97	4.74	0.5887	0.1777	0.3833	-
	3R4F	cess	1.47	-1.68	4.62	0.0343	0.3374	0.3655	(-)
	3R4F	switch	0.46	-2.62	3.55	0.1108	0.7538	0.8631	-
	cess	switch	-1.01	-3.56	1.55	0.0882	0.4195	0.3520	-
6M	Sham	3R4F	-1.79	-3.56	-0.02	0.7166	0.0475	0.1377	*
	Sham	THS2.2	-0.75	-2.35	0.85	0.8490	0.3353	0.7618	-
	Sham	cess	-2.55	-5.08	-0.02	0.7507	0.0483	0.2166	*
	Sham	switch	-1.35	-3.19	0.49	0.8309	0.1393	0.3479	-
	3R4F	THS2.2	1.04	-0.80	2.88	0.0274	0.2508	0.2155	(-)
	3R4F	cess	-0.76	-3.42	1.90	0.0196	0.5518	0.9098	(-)
	3R4F	switch	0.44	-1.60	2.48	0.0180	0.6565	0.5566	(-)
	cess	switch	1.20	-1.50	3.90	0.0112	0.3594	0.3987	(-)
8M	Sham	3R4F	-3.53	-6.42	-0.63	0.1827	0.0210	0.0103	*
	Sham	THS2.2	0.28	-1.41	1.98	0.4499	0.7283	0.7792	-
	Sham	cess	-0.42	-1.82	0.99	0.6527	0.5379	0.5234	-
	Sham	switch	-1.53	-3.08	0.03	0.6417	0.0548	0.0872	-
	3R4F	THS2.2	3.81	0.89	6.73	0.5215	0.0144	0.0054	*
	3R4F	cess	3.11	0.31	5.91	0.2295	0.0329	0.0147	*
	3R4F	switch	2.00	-0.86	4.86	0.2721	0.1536	0.2660	-
	cess	switch	-1.11	-2.40	0.18	0.0559	0.0859	0.0912	-


Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
BALF-MAP

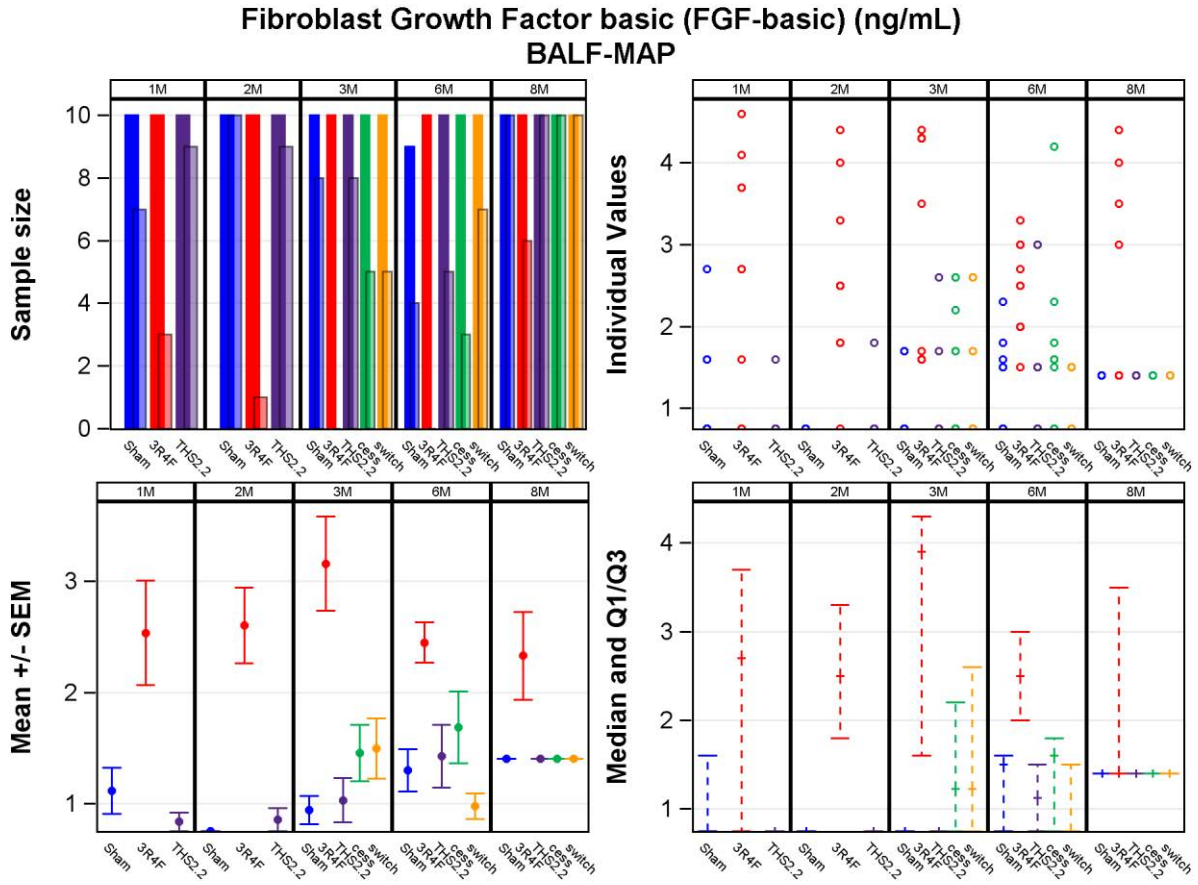
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.62	6	0.31	0.31	0.31	0.65	0.85	0.45	0.20	0.06	44.35			
	3R4F	10	0.62	1	0.31	0.95	1.40	1.80	2.70	1.37	0.68	0.21	49.50	**		
	THS2.2	10	0.62	8	0.31	0.31	0.31	0.31	0.65	0.36	0.12	0.04	32.28	(-)	+++	
2M	Sham	10	0.62	9	0.31	0.31	0.31	0.31	0.71	0.35	0.13	0.04	36.14			
	3R4F	10	0.62	0	0.81	1.00	1.30	1.50	2.00	1.29	0.39	0.12	29.97	+++		
	THS2.2	10	0.62	6	0.31	0.31	0.31	0.71	0.71	0.47	0.20	0.06	43.29	(-)	+++	
3M	Sham	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00			
	3R4F	10	1.00	3	0.50	0.50	1.35	1.70	2.10	1.27	0.60	0.19	47.54	++		
	THS2.2	10	1.00	9	0.50	0.50	0.50	0.50	1.10	0.56	0.19	0.06	33.88	(-)	++	
	cess	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	++	
	switch	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	++	n.a.
6M	Sham	9	1.00	9	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00			
	3R4F	10	1.00	2	0.50	1.30	1.50	1.90	2.40	1.47	0.62	0.20	42.19	+++		
	THS2.2	10	1.00	9	0.50	0.50	0.50	0.50	1.20	0.57	0.22	0.07	38.83	(-)	+++	
	cess	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	+++	
	switch	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	+++	n.a.
8M	Sham	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00			
	3R4F	10	1.00	2	0.50	1.30	1.80	2.20	2.50	1.69	0.73	0.23	42.98	+++		
	THS2.2	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	+++	
	cess	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	++	
	switch	10	1.00	10	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	n.a.	+++	n.a.

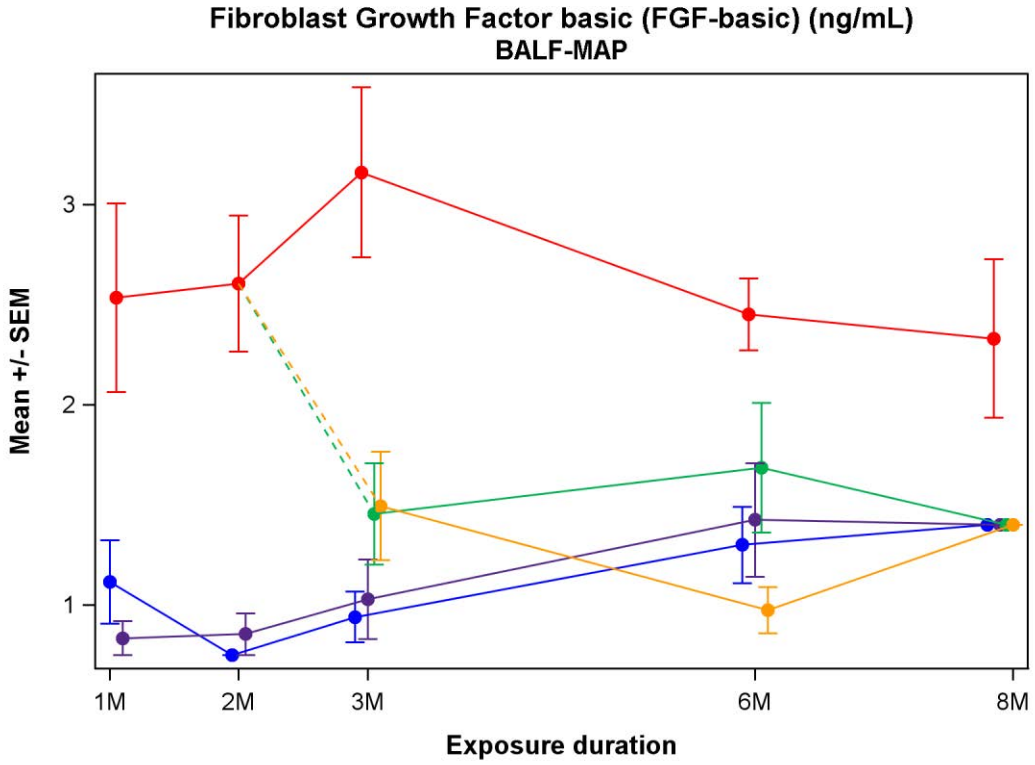
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.92	-1.41	-0.43	0.0970	0.0019	0.0009	**
	Sham	THS2.2	0.09	-0.07	0.24	0.0001	0.2492	0.3662	(-)
	3R4F	THS2.2	1.01	0.52	1.50	0.0089	0.0011	0.0002	+++
2M	Sham	3R4F	-0.94	-1.23	-0.66	0.0013	<.0001	<.0001	+++
	Sham	THS2.2	-0.12	-0.28	0.04	0.0001	0.1441	0.2994	(-)
	3R4F	THS2.2	0.83	0.53	1.12	0.0115	<.0001	<.0001	+++
3M	Sham	3R4F	-0.77	-1.20	-0.34	0.0045	0.0030	0.0041	++
	Sham	THS2.2	-0.06	-0.20	0.08	0.0001	0.3434	1.0000	(-)
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.71	0.27	1.15	0.0040	0.0047	0.0057	++
	3R4F	cess	0.77	0.34	1.20	0.0045	0.0030	0.0031	++
	3R4F	switch	0.77	0.34	1.20	0.0045	0.0030	0.0044	++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	-0.97	-1.41	-0.53	0.0038	0.0008	0.0006	+++
	Sham	THS2.2	-0.07	-0.23	0.09	0.0001	0.3434	1.0000	(-)
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.90	0.44	1.36	0.0016	0.0011	0.0007	+++
	3R4F	cess	0.97	0.53	1.41	0.0017	0.0008	0.0009	+++
	3R4F	switch	0.97	0.53	1.41	0.0017	0.0008	0.0009	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-1.19	-1.71	-0.67	0.0007	0.0006	0.0005	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1.19	0.67	1.71	0.0007	0.0006	0.0007	+++
	3R4F	cess	1.19	0.67	1.71	0.0007	0.0006	0.0010	++
	3R4F	switch	1.19	0.67	1.71	0.0007	0.0006	0.0008	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
BALF-MAP
Mean +/- SEM
1M
2M
3M
6M
8M
Exposure duration

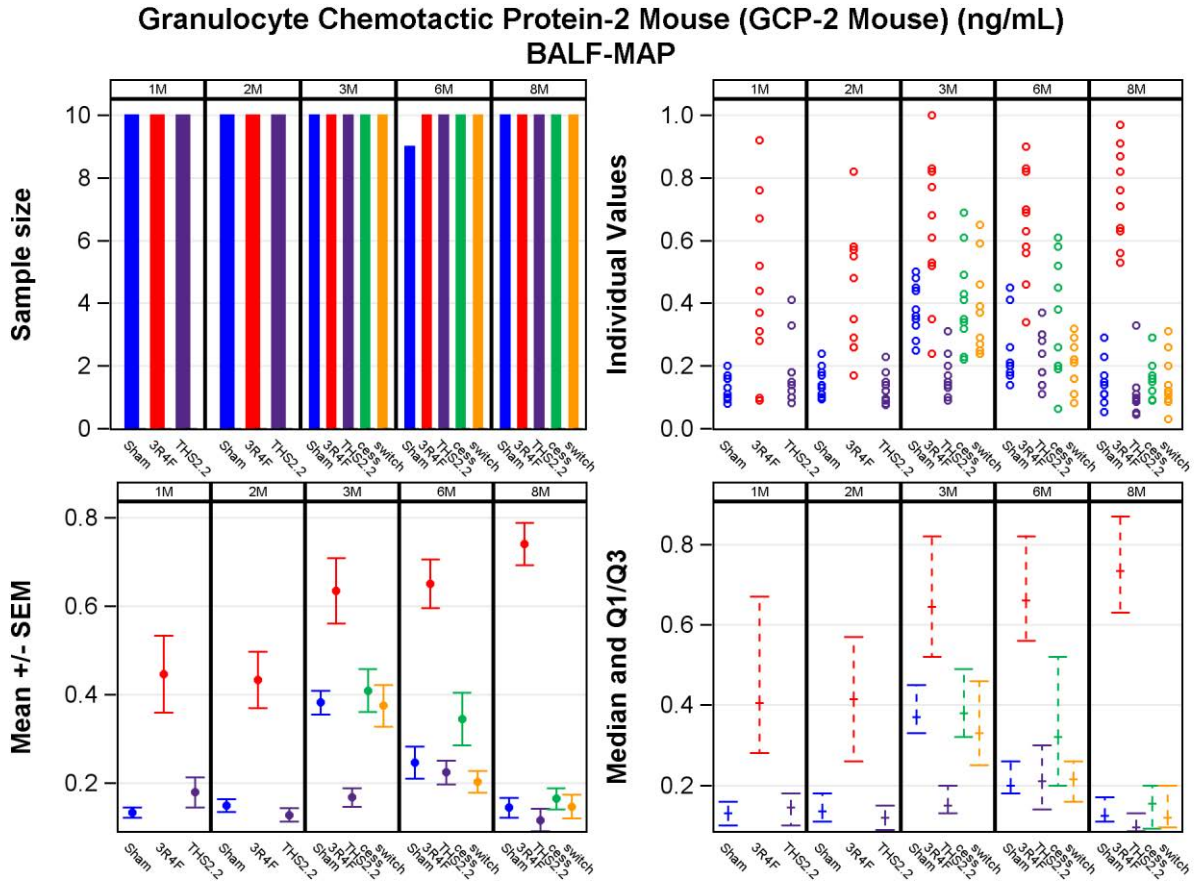
Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
BALF-MAP

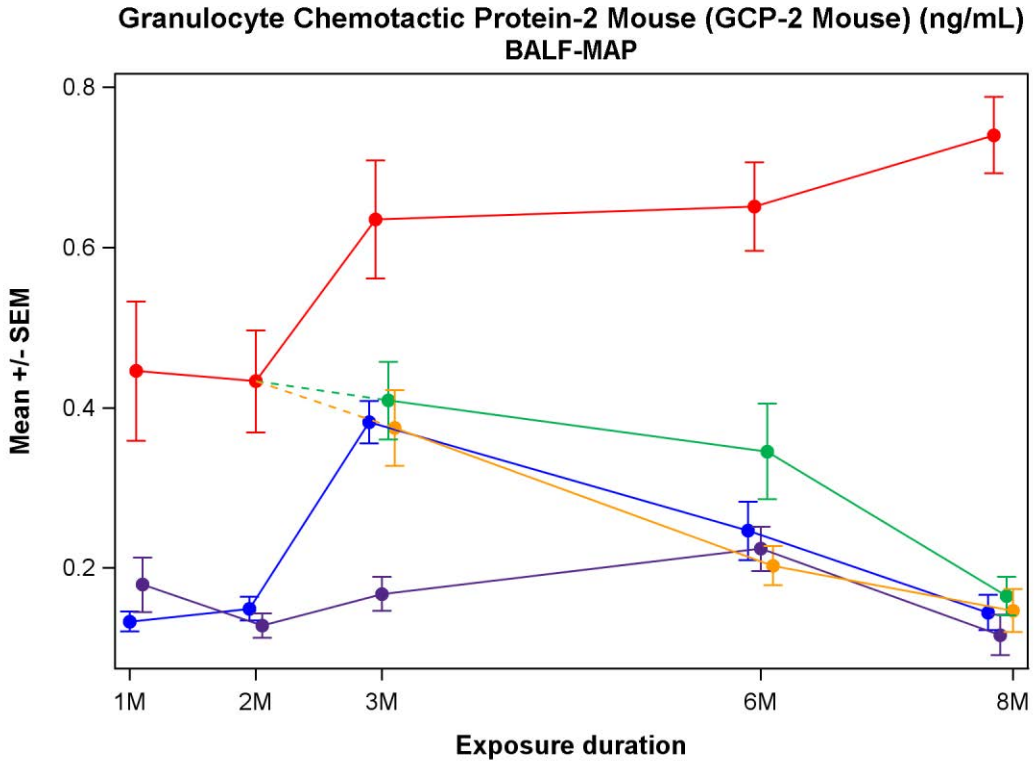
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.50	7	0.75	0.75	0.75	1.60	2.70	1.12	0.66	0.21	59.15			
	3R4F	10	1.50	3	0.75	0.75	2.70	3.70	4.60	2.54	1.49	0.47	58.68	+		
	THS2.2	10	1.50	9	0.75	0.75	0.75	0.75	1.60	0.84	0.27	0.09	32.19	(-)	++	
2M	Sham	10	1.50	10	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	0.00			
	3R4F	10	1.50	1	0.75	1.80	2.50	3.30	4.40	2.61	1.08	0.34	41.33	+++		
	THS2.2	10	1.50	9	0.75	0.75	0.75	0.75	1.80	0.86	0.33	0.11	38.83	(-)	+++	
3M	Sham	10	1.50	8	0.75	0.75	0.75	0.75	1.70	0.94	0.40	0.13	42.61			
	3R4F	10	1.50	0	1.60	1.60	3.90	4.30	4.40	3.16	1.35	0.43	42.57	+++		
	THS2.2	10	1.50	8	0.75	0.75	0.75	0.75	2.60	1.03	0.63	0.20	60.90	(-)	+++	
	cess	10	1.50	5	0.75	0.75	1.23	2.20	2.60	1.46	0.80	0.25	55.09	(-)	+	
	switch	10	1.50	5	0.75	0.75	1.23	2.60	2.60	1.50	0.85	0.27	56.94	(-)	+	(-)
6M	Sham	9	1.50	4	0.75	0.75	1.50	1.60	2.30	1.30	0.57	0.19	44.11			
	3R4F	10	1.50	0	1.50	2.00	2.50	3.00	3.30	2.45	0.57	0.18	23.19	***		
	THS2.2	10	1.50	5	0.75	0.75	1.13	1.50	3.00	1.43	0.90	0.28	63.01	(-)	+	
	cess	10	1.50	3	0.75	0.75	1.60	1.80	4.20	1.69	1.02	0.32	60.64	(-)	-	
	switch	10	1.50	7	0.75	0.75	0.75	1.50	1.50	0.98	0.36	0.11	37.16	(-)	+++	+
8M	Sham	10	2.80	10	1.40	1.40	1.40	1.40	1.40	1.40	0.00	0.00	0.00			
	3R4F	10	2.80	6	1.40	1.40	1.40	3.50	4.40	2.33	1.25	0.40	53.68	n.a.		
	THS2.2	10	2.80	10	1.40	1.40	1.40	1.40	1.40	1.40	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	2.80	10	1.40	1.40	1.40	1.40	1.40	1.40	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	2.80	10	1.40	1.40	1.40	1.40	1.40	1.40	0.00	0.00	0.00	n.a.	n.a.	n.a.

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.42	-2.54	-0.30	0.0321	0.0168	0.0278	+
	Sham	THS2.2	0.28	-0.21	0.77	0.0001	0.2377	0.4541	(-)
	3R4F	THS2.2	1.70	0.63	2.77	0.0047	0.0056	0.0063	++
2M	Sham	3R4F	-1.86	-2.63	-1.08	0.0008	0.0004	<.0001	+++
	Sham	THS2.2	-0.11	-0.34	0.13	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	1.75	0.96	2.54	0.0006	0.0005	0.0003	+++
3M	Sham	3R4F	-2.22	-3.20	-1.24	0.0105	0.0005	0.0004	+++
	Sham	THS2.2	-0.09	-0.59	0.41	0.0001	0.7074	1.0000	(-)
	Sham	cess	-0.52	-1.13	0.10	0.0006	0.0919	0.1425	(-)
	Sham	switch	-0.56	-1.20	0.09	0.0004	0.0852	0.1404	(-)
	3R4F	THS2.2	2.13	1.11	3.15	0.0118	0.0006	0.0002	+++
	3R4F	cess	1.71	0.65	2.76	0.0032	0.0037	0.0179	+
	3R4F	switch	1.67	0.59	2.74	0.0026	0.0047	0.0177	+
	cess	switch	-0.04	-0.82	0.74	0.0003	0.9151	0.9892	(-)
6M	Sham	3R4F	-1.15	-1.70	-0.60	0.2139	0.0004	0.0007	***
	Sham	THS2.2	-0.13	-0.85	0.60	0.0046	0.7199	0.8673	(-)
	Sham	cess	-0.39	-1.19	0.42	0.0134	0.3220	0.3984	(-)
	Sham	switch	0.32	-0.16	0.81	0.0022	0.1680	0.1750	(-)
	3R4F	THS2.2	1.03	0.31	1.74	0.0392	0.0080	0.0126	+
	3R4F	cess	0.77	-0.03	1.56	0.2967	0.0574	0.0139	-
	3R4F	switch	1.48	1.02	1.93	0.0072	<.0001	<.0001	+++
	cess	switch	0.71	-0.04	1.46	0.0013	0.0621	0.0186	+
8M	Sham	3R4F	-0.93	-1.82	-0.04	.	0.0432	0.0863	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.93	0.04	1.82	.	0.0432	0.0883	n.a.
	3R4F	cess	0.93	0.04	1.82	.	0.0432	0.0920	n.a.
	3R4F	switch	0.93	0.04	1.82	.	0.0432	0.0852	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.


Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
BALF-MAP

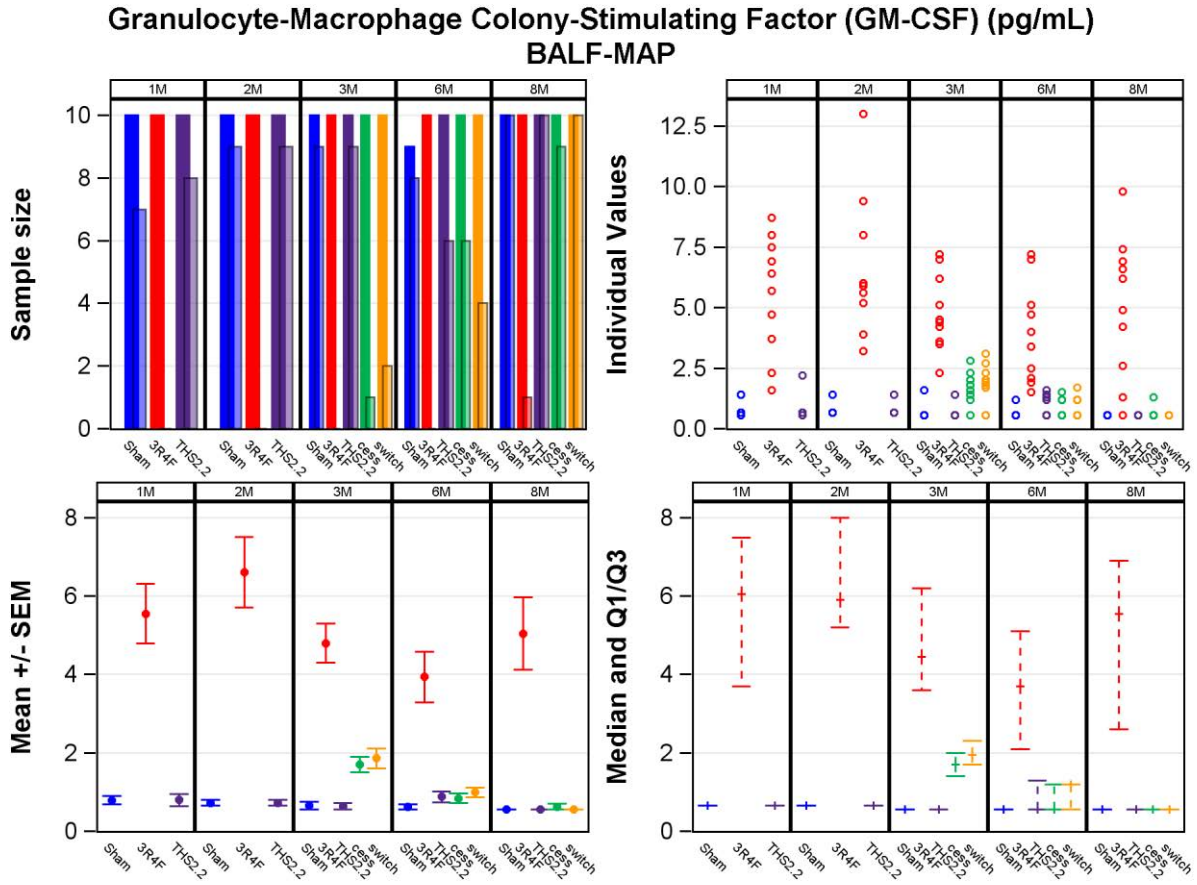
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.00	0	0.08	0.10	0.13	0.16	0.20	0.13	0.04	0.01	28.69			
	3R4F	10	0.00	0	0.09	0.28	0.41	0.67	0.92	0.45	0.27	0.09	61.55	**		
	THS2.2	10	0.00	0	0.08	0.10	0.15	0.18	0.41	0.18	0.11	0.03	59.96	-	*	
2M	Sham	10	0.00	0	0.10	0.11	0.14	0.18	0.24	0.15	0.05	0.01	31.47			
	3R4F	10	0.00	0	0.17	0.26	0.42	0.57	0.82	0.43	0.20	0.06	46.34	**		
	THS2.2	10	0.00	0	0.08	0.09	0.12	0.15	0.23	0.13	0.05	0.02	37.99	-	***	
3M	Sham	10	0.00	0	0.25	0.33	0.37	0.45	0.50	0.38	0.08	0.03	22.00			
	3R4F	10	0.00	0	0.24	0.52	0.65	0.82	1.00	0.64	0.23	0.07	36.66	**		
	THS2.2	10	0.00	0	0.09	0.13	0.15	0.20	0.31	0.17	0.07	0.02	39.76	***	***	
	cess	10	0.00	0	0.22	0.32	0.38	0.49	0.69	0.41	0.15	0.05	37.37	-	*	
	switch	10	0.00	0	0.24	0.25	0.33	0.46	0.65	0.38	0.15	0.05	39.72	-	**	-
6M	Sham	9	0.00	0	0.14	0.18	0.20	0.26	0.45	0.25	0.11	0.04	44.32			
	3R4F	10	0.00	0	0.34	0.56	0.66	0.82	0.90	0.65	0.17	0.06	26.78	***		
	THS2.2	10	0.00	0	0.11	0.14	0.21	0.30	0.37	0.22	0.09	0.03	38.59	-	***	
	cess	10	0.00	0	0.06	0.20	0.32	0.52	0.61	0.35	0.19	0.06	54.64	-	**	
	switch	10	0.00	0	0.08	0.16	0.22	0.26	0.32	0.20	0.08	0.02	37.56	-	***	*
8M	Sham	10	0.00	0	0.05	0.11	0.13	0.17	0.29	0.14	0.07	0.02	48.72			
	3R4F	10	0.00	0	0.53	0.63	0.74	0.87	0.97	0.74	0.15	0.05	20.40	***		
	THS2.2	10	0.00	0	0.05	0.09	0.10	0.13	0.33	0.12	0.08	0.03	68.53	(-)	***	
	cess	10	0.00	0	0.09	0.09	0.16	0.20	0.29	0.17	0.08	0.02	45.82	-	***	
	switch	10	0.00	0	0.03	0.10	0.12	0.20	0.31	0.15	0.09	0.03	57.78	-	***	-

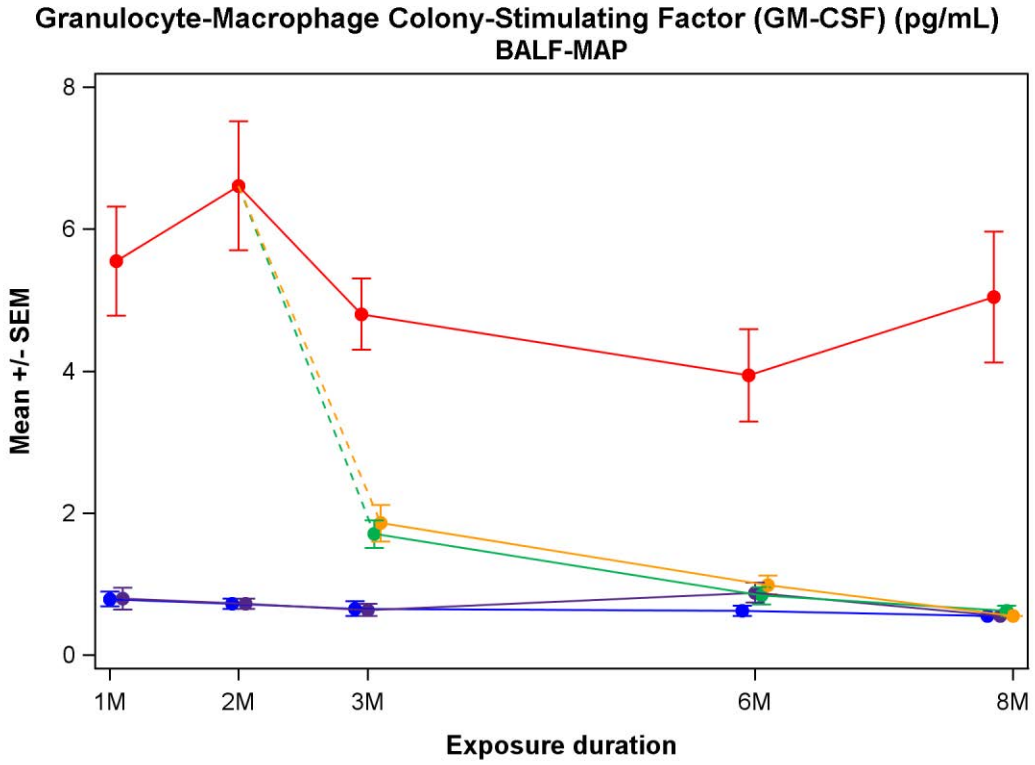
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.31	-0.51	-0.12	0.3726	0.0057	0.0090	**
	Sham	THS2.2	-0.05	-0.12	0.03	0.1220	0.2308	0.4714	-
	3R4F	THS2.2	0.27	0.06	0.47	0.0831	0.0146	0.0409	*
2M	Sham	3R4F	-0.28	-0.43	-0.14	0.1283	0.0014	0.0001	**
	Sham	THS2.2	0.02	-0.02	0.07	0.0781	0.3331	0.2696	-
	3R4F	THS2.2	0.30	0.16	0.45	0.1385	0.0009	<.0001	***
3M	Sham	3R4F	-0.25	-0.42	-0.08	0.5576	0.0077	0.0084	**
	Sham	THS2.2	0.21	0.14	0.29	0.6728	<.0001	<.0001	***
	Sham	cess	-0.03	-0.15	0.09	0.6116	0.6321	0.9868	-
	Sham	switch	0.01	-0.11	0.12	0.4502	0.8988	0.5933	-
	3R4F	THS2.2	0.47	0.30	0.64	0.9320	<.0001	<.0001	***
	3R4F	cess	0.23	0.04	0.41	0.8433	0.0211	0.0228	*
	3R4F	switch	0.26	0.07	0.45	0.7280	0.0093	0.0176	**
	cess	switch	0.03	-0.11	0.18	0.0542	0.6205	0.6751	-
6M	Sham	3R4F	-0.40	-0.54	-0.26	0.4380	<.0001	0.0001	***
	Sham	THS2.2	0.02	-0.07	0.12	0.0660	0.6259	0.7005	-
	Sham	cess	-0.10	-0.25	0.05	0.0902	0.1788	0.2263	-
	Sham	switch	0.04	-0.05	0.14	0.3347	0.3355	0.7069	-
	3R4F	THS2.2	0.43	0.29	0.56	0.7608	<.0001	<.0001	***
	3R4F	cess	0.31	0.13	0.48	0.4583	0.0014	0.0024	**
	3R4F	switch	0.45	0.32	0.58	0.6377	<.0001	<.0001	***
	cess	switch	0.14	0.00	0.28	0.4063	0.0475	0.1491	*
8M	Sham	3R4F	-0.60	-0.71	-0.48	0.5186	<.0001	<.0001	***
	Sham	THS2.2	0.03	-0.04	0.10	0.0035	0.4173	0.1717	(-)
	Sham	cess	-0.02	-0.09	0.05	0.0542	0.5406	0.5255	-
	Sham	switch	-0.00	-0.08	0.07	0.0613	0.9460	1.0000	-
	3R4F	THS2.2	0.62	0.51	0.74	0.1172	<.0001	<.0001	***
	3R4F	cess	0.57	0.46	0.69	0.1790	<.0001	<.0001	***
	3R4F	switch	0.59	0.48	0.71	0.3651	<.0001	<.0001	***
	cess	switch	0.02	-0.06	0.09	0.0544	0.6231	0.5905	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
BALF-MAP

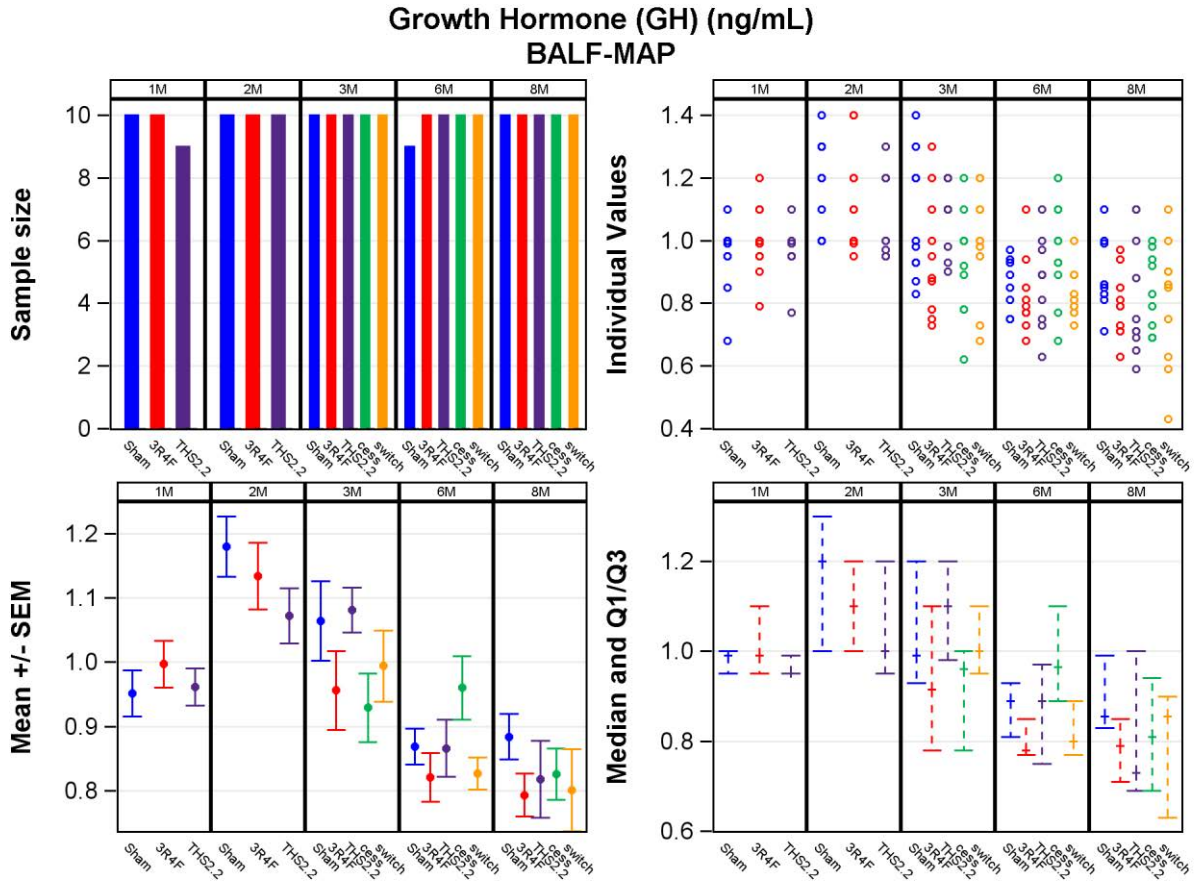
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.30	7	0.55	0.65	0.65	0.65	1.40	0.79	0.32	0.10	40.89			
	3R4F	10	1.30	0	1.60	3.70	6.05	7.50	8.70	5.55	2.42	0.76	43.56	***		
	THS2.2	10	1.30	8	0.55	0.65	0.65	0.65	2.20	0.80	0.49	0.16	62.22	(-)	+++	
2M	Sham	10	1.30	9	0.65	0.65	0.65	0.65	1.40	0.73	0.24	0.08	32.71			
	3R4F	10	1.30	0	3.20	5.20	5.90	8.00	13.00	6.61	2.87	0.91	43.35	+++		
	THS2.2	10	1.30	9	0.65	0.65	0.65	0.65	1.40	0.73	0.24	0.08	32.71	(-)	+++	
3M	Sham	10	1.10	9	0.55	0.55	0.55	0.55	1.60	0.66	0.33	0.11	50.69			
	3R4F	10	1.10	0	2.30	3.60	4.45	6.20	7.20	4.80	1.59	0.50	33.04	+++		
	THS2.2	10	1.10	9	0.55	0.55	0.55	0.55	1.40	0.64	0.27	0.09	42.33	(-)	+++	
	cess	10	1.10	1	0.55	1.40	1.70	2.00	2.80	1.71	0.63	0.20	36.69	+++	***	
	switch	10	1.10	2	0.55	1.70	1.95	2.30	3.10	1.86	0.81	0.26	43.67	+++	***	-
6M	Sham	9	1.10	8	0.55	0.55	0.55	0.55	1.20	0.62	0.22	0.07	34.82			
	3R4F	10	1.10	0	1.50	2.10	3.70	5.10	7.20	3.94	2.05	0.65	52.00	+++		
	THS2.2	10	1.10	6	0.55	0.55	0.55	1.30	1.60	0.88	0.44	0.14	49.69	(-)	+++	
	cess	10	1.10	6	0.55	0.55	0.55	1.20	1.50	0.84	0.38	0.12	45.75	(-)	+++	
	switch	10	1.10	4	0.55	0.55	1.20	1.20	1.70	0.99	0.41	0.13	41.22	(-)	+++	(-)
8M	Sham	10	1.10	10	0.55	0.55	0.55	0.55	0.55	0.55	0.00	0.00	0.00			
	3R4F	10	1.10	1	0.55	2.60	5.55	6.90	9.80	5.05	2.91	0.92	57.71	n.a.		
	THS2.2	10	1.10	10	0.55	0.55	0.55	0.55	0.55	0.55	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	1.10	9	0.55	0.55	0.55	0.55	1.30	0.63	0.24	0.08	37.95	n.a.	+++	
	switch	10	1.10	10	0.55	0.55	0.55	0.55	0.55	0.55	0.00	0.00	0.00	n.a.	n.a.	n.a.

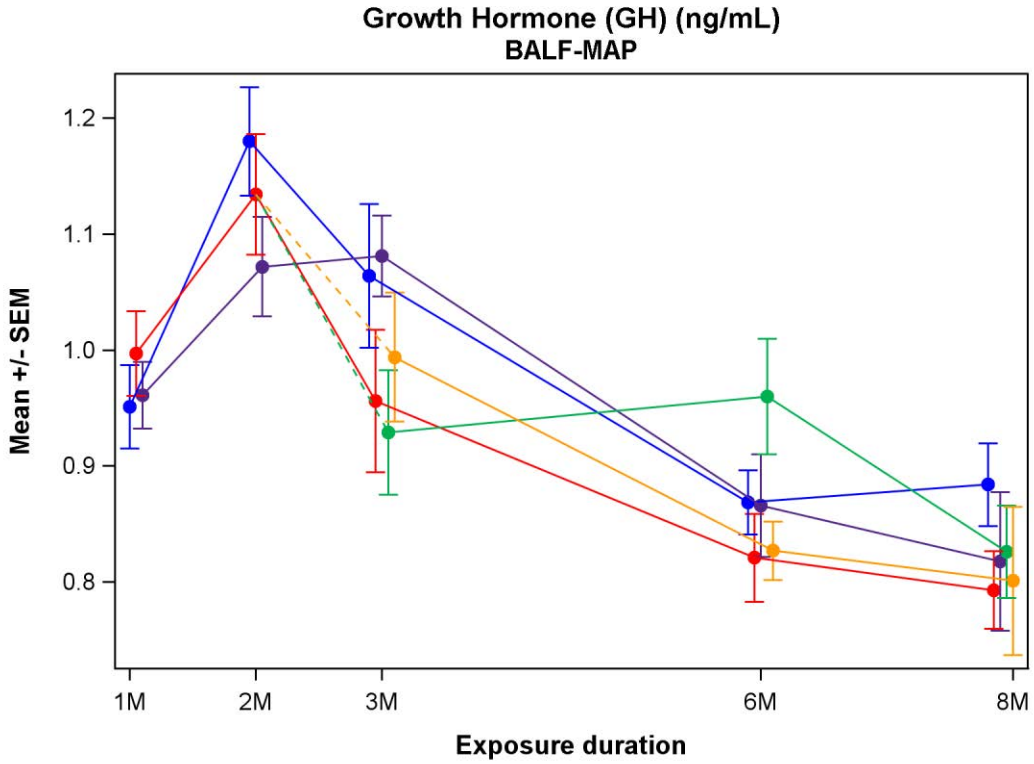
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-4.76	-6.50	-3.02	0.0857	0.0001	<.0001	***
	Sham	THS2.2	-0.01	-0.40	0.39	0.0001	0.9790	1.0000	(-)
	3R4F	THS2.2	4.76	3.01	6.50	0.0151	0.0001	<.0001	+++
2M	Sham	3R4F	-5.89	-7.94	-3.83	0.0001	0.0001	<.0001	+++
	Sham	THS2.2	0.00	-0.22	0.22	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	5.89	3.83	7.94	0.0001	0.0001	<.0001	+++
3M	Sham	3R4F	-4.15	-5.29	-3.00	0.0006	<.0001	0.0001	+++
	Sham	THS2.2	0.02	-0.26	0.30	0.0001	0.8840	1.0000	(-)
	Sham	cess	-1.05	-1.53	-0.57	0.0013	0.0004	0.0009	+++
	Sham	switch	-1.21	-1.81	-0.60	0.0020	0.0010	0.0008	+++
	3R4F	THS2.2	4.17	3.02	5.31	0.0006	<.0001	<.0001	+++
	3R4F	cess	3.10	1.92	4.27	0.8324	0.0001	<.0001	***
	3R4F	switch	2.94	1.73	4.15	0.2892	0.0001	<.0001	***
	cess	switch	-0.16	-0.84	0.53	0.5827	0.6387	0.5240	-
6M	Sham	3R4F	-3.32	-4.79	-1.85	0.0022	0.0006	0.0001	+++
	Sham	THS2.2	-0.26	-0.59	0.08	0.0002	0.1216	0.1797	(-)
	Sham	cess	-0.22	-0.52	0.08	0.0002	0.1450	0.2644	(-)
	Sham	switch	-0.37	-0.69	-0.05	0.0042	0.0261	0.0520	(-)
	3R4F	THS2.2	3.06	1.58	4.54	0.0077	0.0010	<.0001	+++
	3R4F	cess	3.10	1.62	4.58	0.0083	0.0009	<.0001	+++
	3R4F	switch	2.95	1.47	4.43	0.0191	0.0013	<.0001	+++
	cess	switch	-0.15	-0.52	0.22	0.0055	0.4086	0.4712	(-)
8M	Sham	3R4F	-4.50	-6.58	-2.41	.	0.0009	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.07	-0.24	0.09	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	4.50	2.41	6.58	.	0.0009	<.0001	n.a.
	3R4F	cess	4.42	2.33	6.51	0.0048	0.0010	0.0003	+++
	3R4F	switch	4.50	2.41	6.58	.	0.0009	<.0001	n.a.
	cess	switch	0.07	-0.09	0.24	.	0.3434	1.0000	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Growth Hormone (GH) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

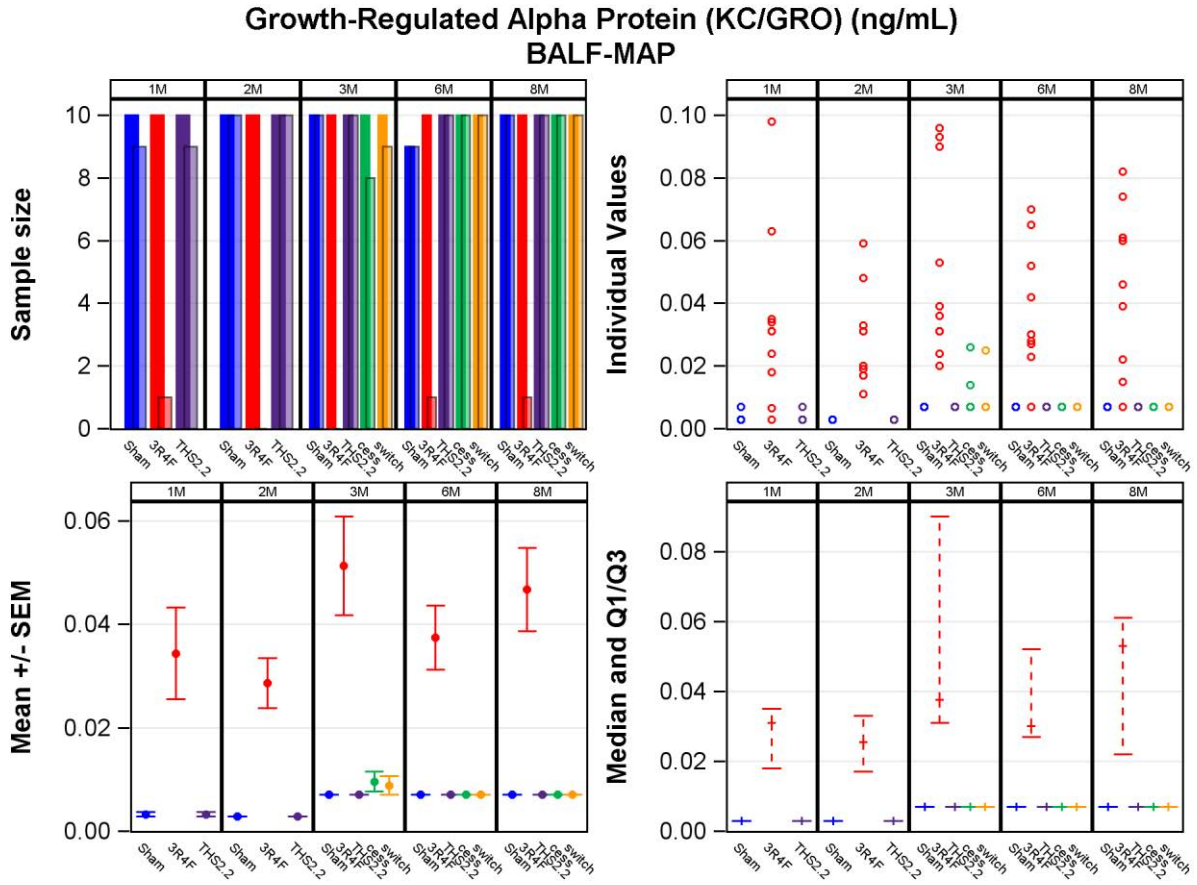

Growth Hormone (GH) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

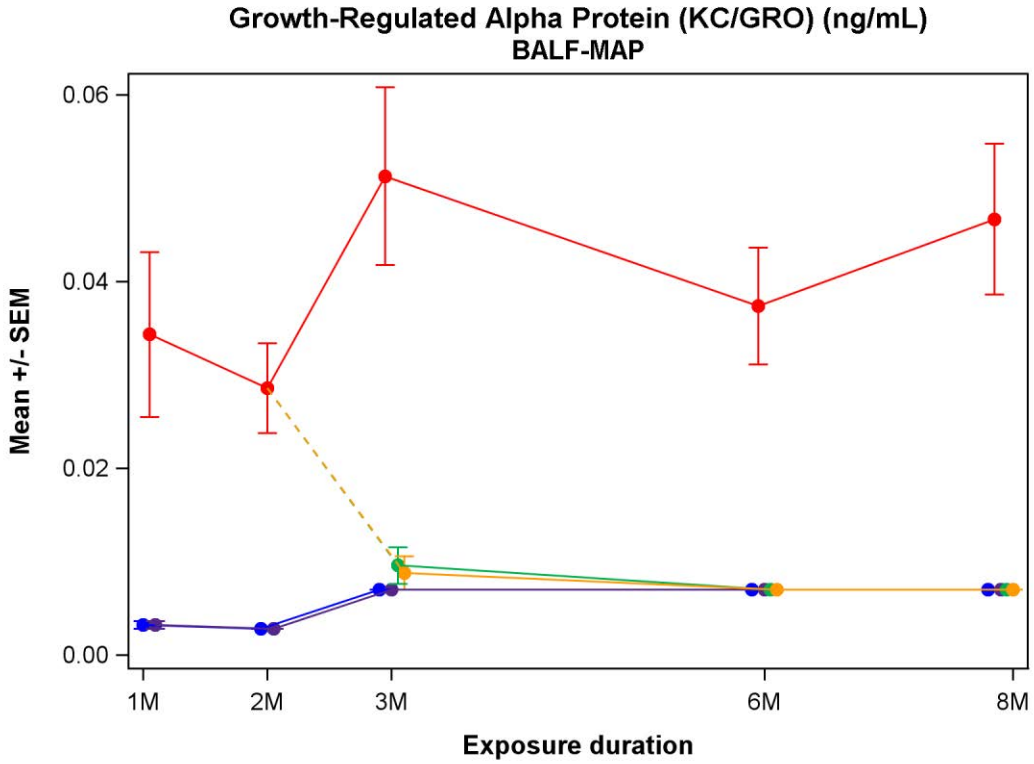
Growth Hormone (GH) (ng/mL)
BALF-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.38	0	0.68	0.95	0.99	1.00	1.10	0.95	0.11	0.04	11.94			
	3R4F	10	0.38	0	0.79	0.95	0.99	1.10	1.20	1.00	0.12	0.04	11.54	-		
	THS2.2	9	0.38	0	0.77	0.95	0.95	0.99	1.10	0.96	0.09	0.03	8.97	(-)	-	
2M	Sham	10	0.38	0	1.00	1.00	1.20	1.30	1.40	1.18	0.15	0.05	12.51			
	3R4F	10	0.38	0	0.95	1.00	1.10	1.20	1.40	1.13	0.16	0.05	14.49	-		
	THS2.2	10	0.38	0	0.95	0.95	1.00	1.20	1.30	1.07	0.14	0.04	12.69	(-)	(-)	
3M	Sham	10	0.38	0	0.83	0.93	0.99	1.20	1.40	1.06	0.20	0.06	18.40			
	3R4F	10	0.38	0	0.73	0.78	0.92	1.10	1.30	0.96	0.19	0.06	20.28	-		
	THS2.2	10	0.38	0	0.90	0.98	1.10	1.20	1.20	1.08	0.11	0.03	10.21	-	-	
	cess	10	0.38	0	0.62	0.78	0.96	1.00	1.20	0.93	0.17	0.05	18.27	-	-	
	switch	10	0.38	0	0.68	0.95	1.00	1.10	1.20	0.99	0.18	0.06	17.68	-	-	-
6M	Sham	9	0.38	0	0.75	0.81	0.89	0.93	0.97	0.87	0.08	0.03	9.57			
	3R4F	10	0.38	0	0.68	0.77	0.78	0.85	1.10	0.82	0.12	0.04	14.63	-		
	THS2.2	10	0.38	0	0.63	0.75	0.89	0.97	1.10	0.87	0.14	0.04	16.15	-	-	
	cess	10	0.38	0	0.68	0.89	0.97	1.10	1.20	0.96	0.16	0.05	16.33	-	*	
	switch	10	0.38	0	0.73	0.77	0.80	0.89	1.00	0.83	0.08	0.03	9.61	-	(-)	*
8M	Sham	10	0.38	0	0.71	0.83	0.86	0.99	1.10	0.88	0.11	0.04	12.80			
	3R4F	10	0.38	0	0.63	0.71	0.79	0.85	0.97	0.79	0.11	0.03	13.35	-		
	THS2.2	10	0.38	0	0.59	0.69	0.73	1.00	1.10	0.82	0.19	0.06	23.07	-	-	
	cess	10	0.38	0	0.69	0.69	0.81	0.94	1.00	0.83	0.13	0.04	15.20	-	-	
	switch	10	0.38	0	0.43	0.63	0.86	0.90	1.10	0.80	0.20	0.06	25.26	-	-	-

Growth Hormone (GH) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.05	-0.15	0.06	0.3411	0.3802	0.6905	-
	Sham	THS2.2	-0.01	-0.11	0.09	0.0035	0.8287	0.6868	(-)
	3R4F	THS2.2	0.04	-0.06	0.13	0.2025	0.4500	0.5113	-
2M	Sham	3R4F	0.05	-0.10	0.19	0.0907	0.5186	0.4163	-
	Sham	THS2.2	0.11	-0.03	0.24	0.0304	0.1062	0.0571	(-)
	3R4F	THS2.2	0.06	-0.08	0.20	0.0065	0.3706	0.3528	(-)
3M	Sham	3R4F	0.11	-0.08	0.29	0.0699	0.2311	0.2550	-
	Sham	THS2.2	-0.02	-0.17	0.14	0.5038	0.8144	0.7502	-
	Sham	cess	0.14	-0.04	0.31	0.7900	0.1172	0.2260	-
	Sham	switch	0.07	-0.10	0.24	0.8337	0.4113	0.7497	-
	3R4F	THS2.2	-0.13	-0.28	0.03	0.5175	0.0977	0.1097	-
	3R4F	cess	0.03	-0.14	0.20	0.8950	0.7443	0.9864	-
	3R4F	switch	-0.04	-0.21	0.14	0.9125	0.6516	0.6165	-
	cess	switch	-0.06	-0.23	0.10	0.3412	0.4112	0.4146	-
6M	Sham	3R4F	0.05	-0.05	0.15	0.5646	0.3236	0.2501	-
	Sham	THS2.2	0.00	-0.11	0.11	0.5339	0.9566	0.9183	-
	Sham	cess	-0.09	-0.21	0.03	0.3720	0.1310	0.1306	-
	Sham	switch	0.04	-0.04	0.12	0.4672	0.2787	0.2852	-
	3R4F	THS2.2	-0.04	-0.17	0.08	0.5719	0.4505	0.4070	-
	3R4F	cess	-0.14	-0.27	-0.01	0.6167	0.0400	0.0598	*
	3R4F	switch	-0.01	-0.10	0.09	0.0108	0.8969	0.5688	(-)
	cess	switch	0.13	0.01	0.25	0.8763	0.0321	0.0398	*
8M	Sham	3R4F	0.09	-0.01	0.19	0.3069	0.0798	0.0499	-
	Sham	THS2.2	0.07	-0.08	0.21	0.0858	0.3582	0.3283	-
	Sham	cess	0.06	-0.05	0.17	0.2568	0.2923	0.2516	-
	Sham	switch	0.08	-0.07	0.24	0.9789	0.2764	0.6413	-
	3R4F	THS2.2	-0.03	-0.17	0.12	0.1316	0.7202	0.8944	-
	3R4F	cess	-0.03	-0.14	0.08	0.2651	0.5333	0.7219	-
	3R4F	switch	-0.01	-0.16	0.15	0.8546	0.9134	0.6736	-
	cess	switch	0.02	-0.14	0.19	0.3549	0.7445	0.8671	-


Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
BALF-MAP
Mean +/- SEM
0.06
0.04
0.02
0.00
1M
2M
3M
6M
8M
Exposure duration

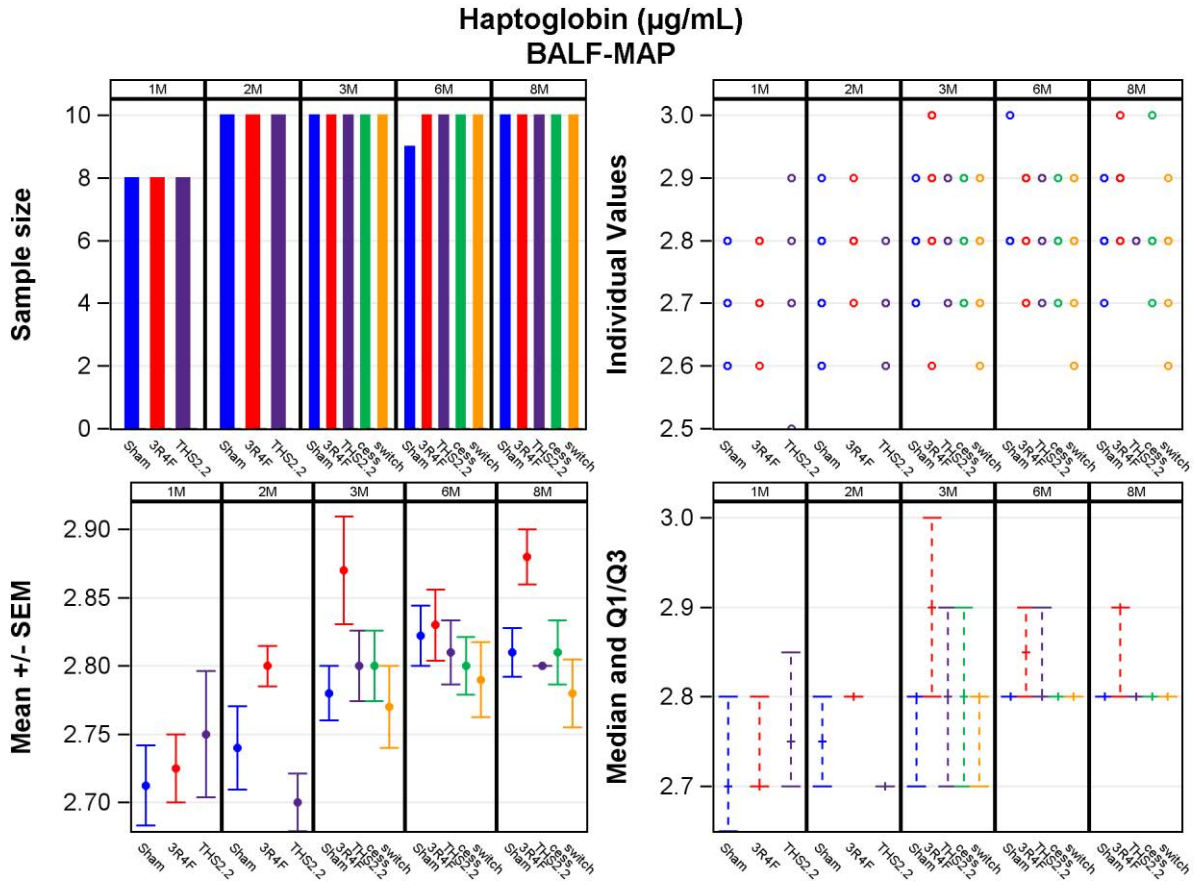
Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
BALF-MAP

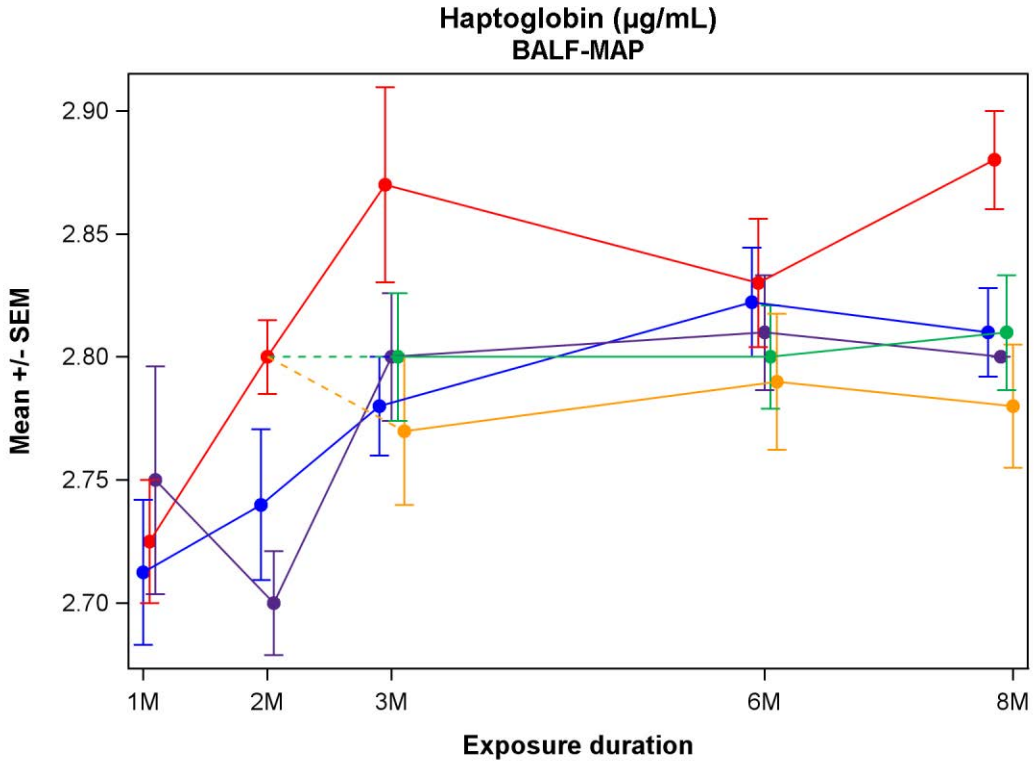
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	9	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	40.19			
	3R4F	10	0.01	1	0.00	0.02	0.03	0.04	0.10	0.03	0.03	0.01	81.44	+++		
	THS2.2	10	0.01	9	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	40.19	(-)	+++	
2M	Sham	10	0.01	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.01	0	0.01	0.02	0.03	0.03	0.06	0.03	0.02	0.00	53.11	n.a.		
	THS2.2	10	0.01	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	0	0.02	0.03	0.04	0.09	0.10	0.05	0.03	0.01	58.74	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	8	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.00	64.25	n.a.	+++	
	switch	10	0.01	9	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.00	64.68	n.a.	+++	(-)
6M	Sham	9	0.01	9	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	1	0.01	0.03	0.03	0.05	0.07	0.04	0.02	0.01	52.70	+++		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	1	0.01	0.02	0.05	0.06	0.08	0.05	0.03	0.01	54.49	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.

Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.03	-0.05	-0.01	0.0001	0.0066	0.0005	+++
	Sham	THS2.2	0.00	-0.00	0.00	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.03	0.01	0.05	0.0001	0.0066	<.0001	+++
2M	Sham	3R4F	-0.03	-0.04	-0.01	.	0.0005	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.03	0.01	0.04	.	0.0005	<.0001	n.a.
3M	Sham	3R4F	-0.04	-0.07	-0.02	.	0.0012	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.00	-0.01	0.00	.	0.2153	0.4657	n.a.
	Sham	switch	-0.00	-0.01	0.00	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.04	0.02	0.07	.	0.0012	<.0001	n.a.
	3R4F	cess	0.04	0.02	0.06	0.0003	0.0017	<.0001	+++
	3R4F	switch	0.04	0.02	0.06	0.0001	0.0015	0.0001	+++
	cess	switch	0.00	-0.00	0.01	0.0001	0.7666	0.7356	(-)
6M	Sham	3R4F	-0.03	-0.04	-0.02	0.0175	0.0009	0.0003	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.03	0.02	0.04	.	0.0009	0.0001	n.a.
	3R4F	cess	0.03	0.02	0.04	.	0.0009	0.0001	n.a.
	3R4F	switch	0.03	0.02	0.04	.	0.0009	0.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-0.04	-0.06	-0.02	.	0.0008	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.04	0.02	0.06	.	0.0008	0.0003	n.a.
	3R4F	cess	0.04	0.02	0.06	.	0.0008	0.0001	n.a.
	3R4F	switch	0.04	0.02	0.06	.	0.0008	0.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Haptoglobin (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Haptoglobin (µg/mL)
BALF-MAP
Mean +/- SEM
2.90
2.85
2.80
2.75
2.70
1M
2M
3M
6M
8M
Exposure duration

Haptoglobin (µg/mL)
BALF-MAP

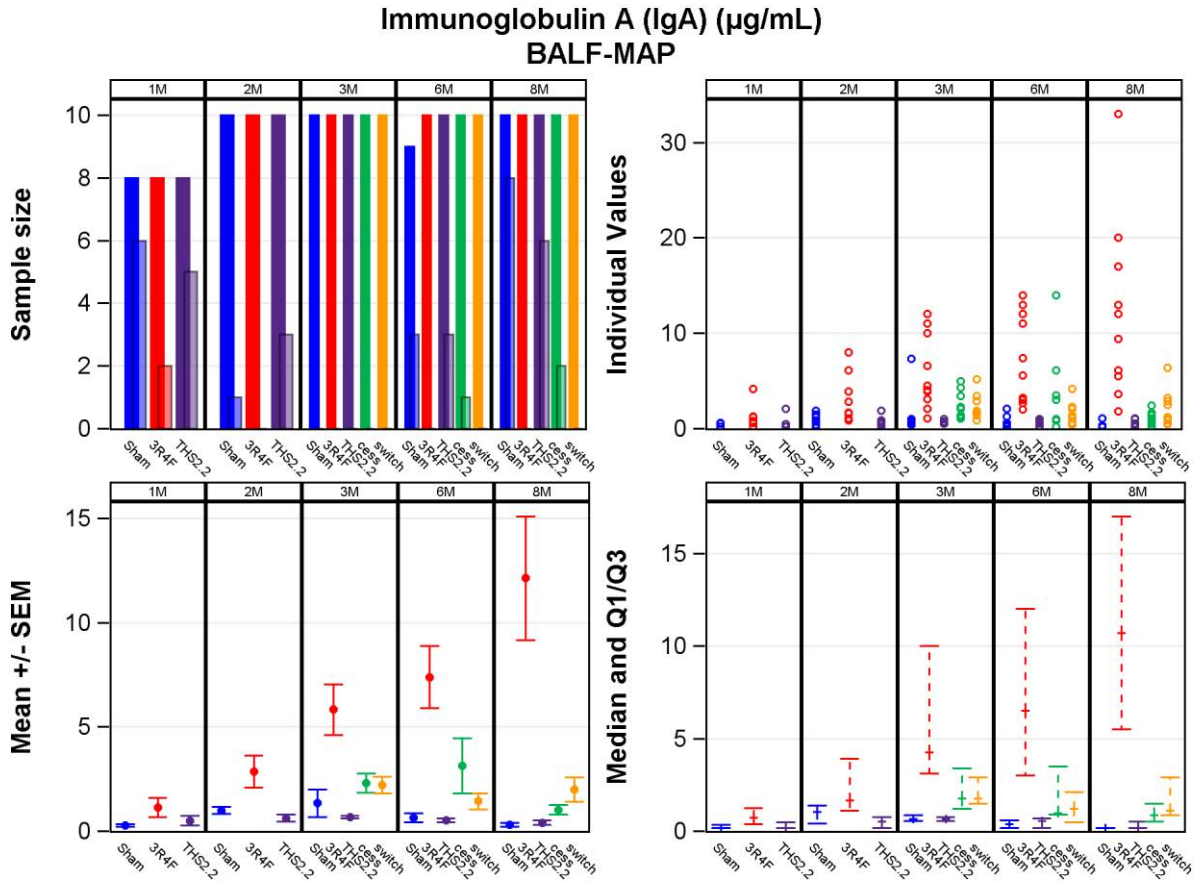
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	8	2.40	0	2.60	2.65	2.70	2.80	2.80	2.71	0.08	0.03	3.08			
	3R4F	8	2.40	0	2.60	2.70	2.70	2.80	2.80	2.73	0.07	0.02	2.59	(-)		
	THS2.2	8	2.40	0	2.50	2.70	2.75	2.85	2.90	2.75	0.13	0.05	4.76	-	(-)	
2M	Sham	10	2.40	0	2.60	2.70	2.75	2.80	2.90	2.74	0.10	0.03	3.53			
	3R4F	10	2.40	0	2.70	2.80	2.80	2.80	2.90	2.80	0.05	0.01	1.68	-		
	THS2.2	10	2.40	0	2.60	2.70	2.70	2.70	2.80	2.70	0.07	0.02	2.47	-	++	
3M	Sham	10	2.40	0	2.70	2.70	2.80	2.80	2.90	2.78	0.06	0.02	2.28			
	3R4F	10	2.40	0	2.60	2.80	2.90	3.00	3.00	2.87	0.13	0.04	4.36	-		
	THS2.2	10	2.40	0	2.70	2.70	2.80	2.90	2.90	2.80	0.08	0.03	2.92	(-)	-	
	cess	10	2.40	0	2.70	2.70	2.80	2.90	2.90	2.80	0.08	0.03	2.92	(-)	-	
	switch	10	2.40	0	2.60	2.70	2.80	2.80	2.90	2.77	0.09	0.03	3.42	(-)	-	-
6M	Sham	9	2.60	0	2.80	2.80	2.80	2.80	3.00	2.82	0.07	0.02	2.36			
	3R4F	10	2.60	0	2.70	2.80	2.85	2.90	2.90	2.83	0.08	0.03	2.91	(-)		
	THS2.2	10	2.60	0	2.70	2.80	2.80	2.90	2.90	2.81	0.07	0.02	2.63	(-)	(-)	
	cess	10	2.60	0	2.70	2.80	2.80	2.80	2.90	2.80	0.07	0.02	2.38	(-)	(-)	
	switch	10	2.60	0	2.60	2.80	2.80	2.80	2.90	2.79	0.09	0.03	3.14	(-)	-	(-)
8M	Sham	10	2.60	0	2.70	2.80	2.80	2.80	2.90	2.81	0.06	0.02	2.02			
	3R4F	10	2.60	0	2.80	2.80	2.90	2.90	3.00	2.88	0.06	0.02	2.20	*		
	THS2.2	10	2.60	0	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	2.60	0	2.70	2.80	2.80	2.80	3.00	2.81	0.07	0.02	2.63	(-)	+	
	switch	10	2.60	0	2.60	2.80	2.80	2.80	2.90	2.78	0.08	0.02	2.84	(-)	+	(-)

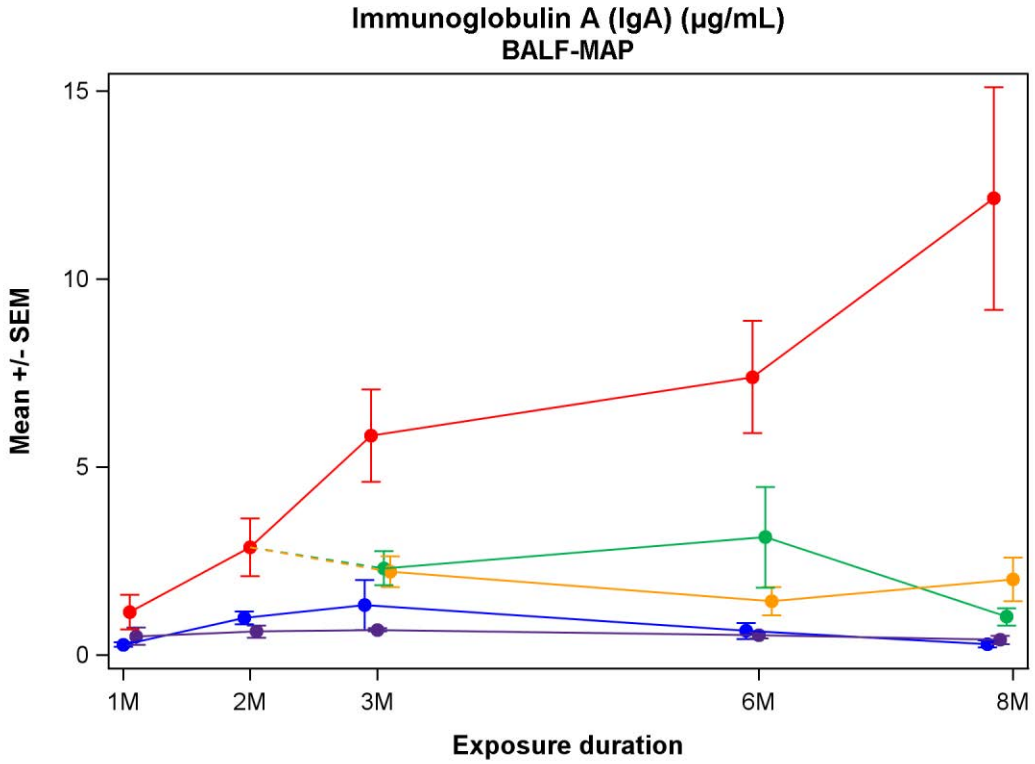
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Haptoglobin (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.10	0.07	0.0155	0.7514	0.9829	(-)
	Sham	THS2.2	-0.04	-0.16	0.08	0.1009	0.5076	0.4514	-
	3R4F	THS2.2	-0.02	-0.14	0.09	0.0204	0.6441	0.5784	(-)
2M	Sham	3R4F	-0.06	-0.13	0.01	0.0910	0.1009	0.1058	-
	Sham	THS2.2	0.04	-0.04	0.12	0.0860	0.2972	0.3168	-
	3R4F	THS2.2	0.10	0.05	0.15	0.0004	0.0013	0.0026	++
3M	Sham	3R4F	-0.09	-0.19	0.01	0.1573	0.0629	0.0341	-
	Sham	THS2.2	-0.02	-0.09	0.05	0.0187	0.5484	0.7469	(-)
	Sham	cess	-0.02	-0.09	0.05	0.0187	0.5484	0.7565	(-)
	Sham	switch	0.01	-0.07	0.09	0.0397	0.7851	0.8979	(-)
	3R4F	THS2.2	0.07	-0.03	0.17	0.1175	0.1586	0.1146	-
	3R4F	cess	0.07	-0.03	0.17	0.1175	0.1586	0.1103	-
	3R4F	switch	0.10	-0.00	0.20	0.1288	0.0604	0.0450	-
	cess	switch	0.03	-0.05	0.11	0.1303	0.4585	0.5921	-
6M	Sham	3R4F	-0.01	-0.08	0.06	0.0024	0.8230	0.5846	(-)
	Sham	THS2.2	0.01	-0.06	0.08	0.0011	0.7092	0.8849	(-)
	Sham	cess	0.02	-0.04	0.09	0.0009	0.4782	0.5587	(-)
	Sham	switch	0.03	-0.04	0.11	0.0044	0.3771	0.5694	(-)
	3R4F	THS2.2	0.02	-0.05	0.09	0.0139	0.5744	0.5910	(-)
	3R4F	cess	0.03	-0.04	0.10	0.0446	0.3828	0.3477	(-)
	3R4F	switch	0.04	-0.04	0.12	0.0519	0.3066	0.2867	-
	cess	switch	0.01	-0.06	0.08	0.0092	0.7774	0.9406	(-)
8M	Sham	3R4F	-0.07	-0.13	-0.01	0.0615	0.0180	0.0459	*
	Sham	THS2.2	0.01	-0.03	0.05	.	0.5911	0.4749	n.a.
	Sham	cess	0.00	-0.06	0.06	0.0001	1.0000	1.0000	(-)
	Sham	switch	0.03	-0.04	0.10	0.0073	0.3432	0.4809	(-)
	3R4F	THS2.2	0.08	0.03	0.13	.	0.0031	0.0034	n.a.
	3R4F	cess	0.07	0.01	0.13	0.0037	0.0355	0.0137	+
	3R4F	switch	0.10	0.03	0.17	0.0020	0.0061	0.0121	+
	cess	switch	0.03	-0.04	0.10	0.0029	0.3914	0.5282	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Immunoglobulin A (IgA) (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Immunoglobulin A (IgA) (µg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

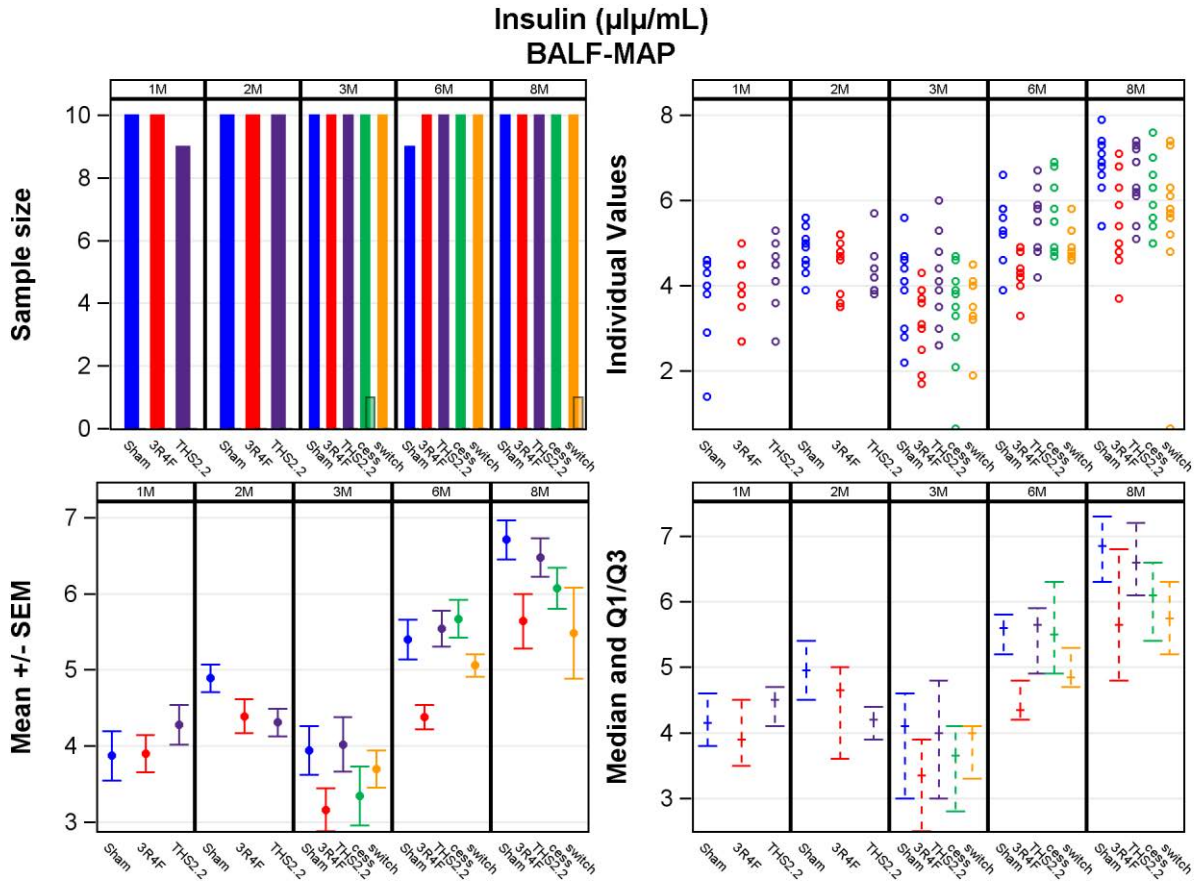
Immunoglobulin A (IgA) (µg/mL)
BALF-MAP

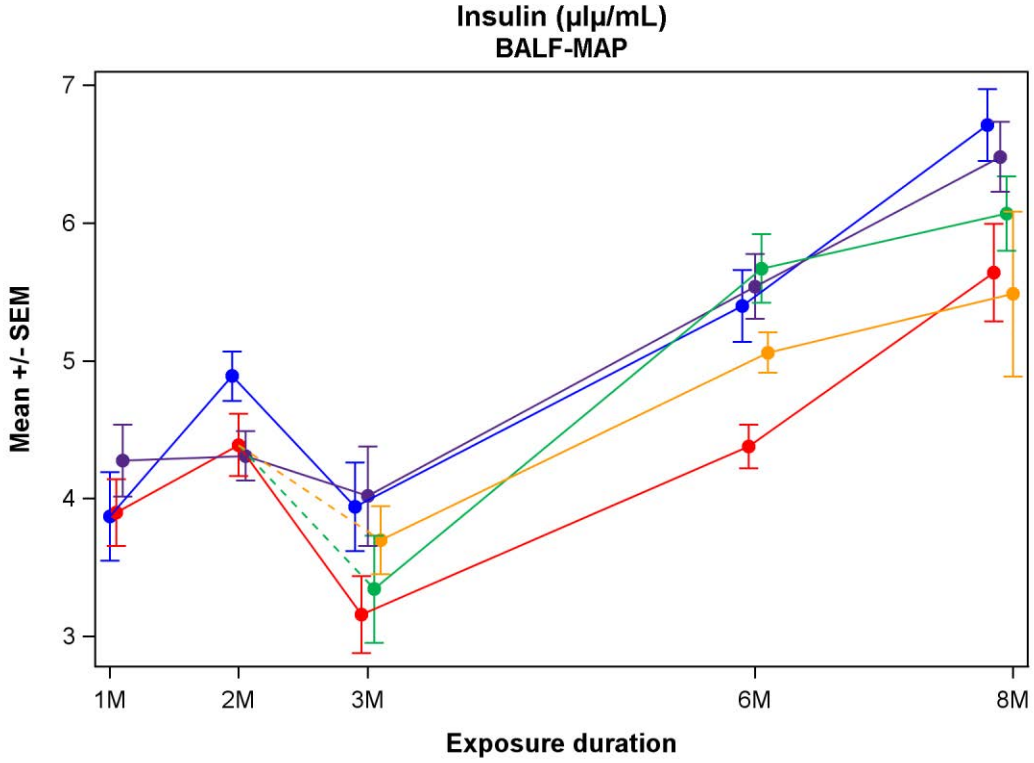
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	8	0.37	6	0.19	0.19	0.19	0.35	0.62	0.28	0.18	0.06	64.08			
	3R4F	8	0.37	2	0.19	0.38	0.73	1.25	4.20	1.14	1.30	0.46	114.57	+		
	THS2.2	8	0.37	5	0.19	0.19	0.19	0.50	2.10	0.50	0.66	0.23	131.33	(-)	(-)	
2M	Sham	10	0.37	1	0.19	0.41	1.04	1.40	1.90	0.99	0.56	0.18	55.99			
	3R4F	10	0.37	0	0.85	1.10	1.65	3.90	8.00	2.87	2.43	0.77	84.80	*		
	THS2.2	10	0.37	3	0.19	0.19	0.53	0.77	1.90	0.63	0.51	0.16	81.41	-	+++	
3M	Sham	10	0.37	0	0.43	0.57	0.67	0.86	7.30	1.34	2.10	0.66	156.80			
	3R4F	10	0.37	0	1.10	3.10	4.25	10.00	12.00	5.83	3.88	1.23	66.52	+++		
	THS2.2	10	0.37	0	0.51	0.54	0.66	0.75	1.00	0.68	0.15	0.05	22.00	(-)	**	
	cess	10	0.37	0	1.10	1.20	1.75	3.40	5.00	2.31	1.44	0.46	62.32	++	+	
	switch	10	0.37	0	0.85	1.50	1.75	2.90	5.20	2.22	1.29	0.41	58.03	++	++	(-)
6M	Sham	9	0.37	3	0.19	0.19	0.37	0.60	2.10	0.65	0.65	0.22	100.15			
	3R4F	10	0.37	0	2.00	3.00	6.50	12.00	14.00	7.39	4.72	1.49	63.87	+++		
	THS2.2	10	0.37	3	0.19	0.19	0.55	0.68	1.00	0.53	0.28	0.09	52.88	-	**	
	cess	10	0.37	1	0.19	0.90	0.96	3.50	14.00	3.14	4.22	1.33	134.63	+	+	
	switch	10	0.37	0	0.39	0.49	1.20	2.10	4.20	1.44	1.18	0.37	82.41	+	**	(-)
8M	Sham	10	0.37	8	0.19	0.19	0.19	0.19	1.10	0.30	0.29	0.09	97.89			
	3R4F	10	0.37	0	1.80	5.50	10.70	17.00	33.00	12.14	9.36	2.96	77.14	+++		
	THS2.2	10	0.37	6	0.19	0.19	0.19	0.53	1.10	0.41	0.35	0.11	86.51	(-)	+++	
	cess	10	0.37	2	0.19	0.53	0.88	1.50	2.40	1.02	0.73	0.23	71.44	++	**	
	switch	10	0.37	0	0.47	0.86	1.10	2.90	6.40	2.01	1.83	0.58	91.38	+++	+++	(-)

Immunoglobulin A (IgA) (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.86	-1.95	0.24	0.0002	0.1067	0.0184	+
	Sham	THS2.2	-0.22	-0.78	0.34	0.0001	0.3862	0.8588	(-)
	3R4F	THS2.2	0.63	-0.51	1.78	0.0001	0.2466	0.0843	(-)
2M	Sham	3R4F	-1.87	-3.63	-0.11	0.3104	0.0391	0.0200	*
	Sham	THS2.2	0.37	-0.13	0.87	0.2994	0.1416	0.1564	-
	3R4F	THS2.2	2.24	0.48	3.99	0.0015	0.0176	0.0004	+++
3M	Sham	3R4F	-4.49	-7.48	-1.50	0.0006	0.0062	0.0007	+++
	Sham	THS2.2	0.66	-0.84	2.17	0.0003	0.3446	0.7872	(-)
	Sham	cess	-0.97	-2.68	0.74	0.0001	0.2461	0.0013	++
	Sham	switch	-0.88	-2.54	0.79	0.0001	0.2791	0.0024	++
	3R4F	THS2.2	5.15	2.38	7.93	0.1621	0.0023	<.0001	**
	3R4F	cess	3.52	0.65	6.39	0.0155	0.0204	0.0334	+
	3R4F	switch	3.62	0.77	6.46	0.0243	0.0174	0.0099	++
	cess	switch	0.09	-1.19	1.38	0.0057	0.8780	0.7796	(-)
6M	Sham	3R4F	-6.74	-10.13	-3.35	0.0366	0.0014	<.0001	+++
	Sham	THS2.2	0.12	-0.40	0.63	0.1938	0.6272	0.7346	-
	Sham	cess	-2.49	-5.53	0.55	0.0001	0.0971	0.0246	+
	Sham	switch	-0.79	-1.71	0.14	0.0011	0.0887	0.0326	+
	3R4F	THS2.2	6.86	3.48	10.24	0.1032	0.0013	<.0001	**
	3R4F	cess	4.25	0.04	8.47	0.0233	0.0479	0.0299	+
	3R4F	switch	5.96	2.53	9.38	0.0543	0.0030	0.0004	**
	cess	switch	1.70	-1.37	4.77	0.0004	0.2470	0.5780	(-)
8M	Sham	3R4F	-11.85	-18.55	-5.14	0.0003	0.0031	<.0001	+++
	Sham	THS2.2	-0.12	-0.42	0.19	0.0001	0.4373	0.4701	(-)
	Sham	cess	-0.72	-1.26	-0.18	0.0017	0.0130	0.0054	++
	Sham	switch	-1.71	-3.03	-0.39	0.0001	0.0163	0.0001	+++
	3R4F	THS2.2	11.73	5.03	18.43	0.0029	0.0033	0.0002	+++
	3R4F	cess	11.12	4.42	17.83	0.0800	0.0045	0.0001	**
	3R4F	switch	10.13	3.38	16.89	0.0059	0.0076	0.0004	+++
	cess	switch	-0.99	-2.35	0.37	0.0245	0.1394	0.2070	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Insulin (µlµ/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Insulin (µlµ/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

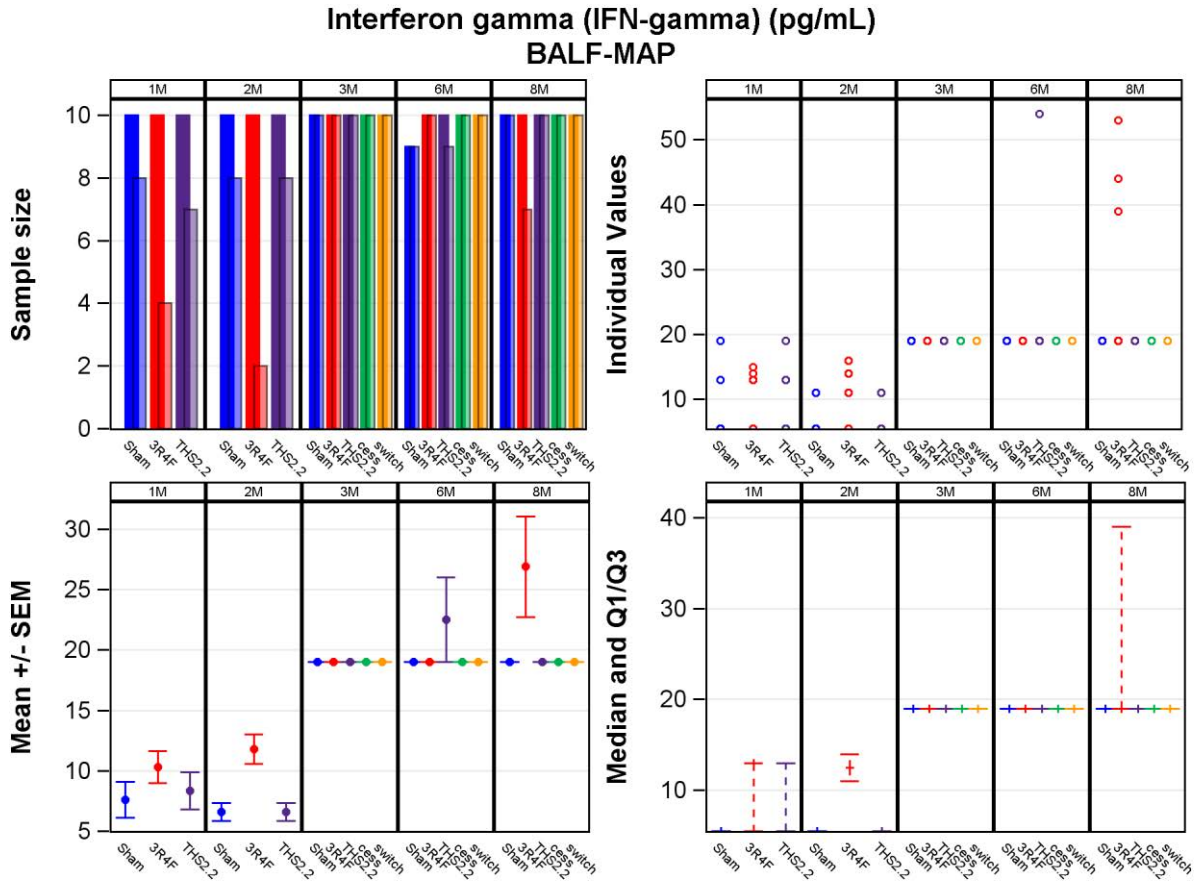
Insulin (µlµ/mL)
BALF-MAP

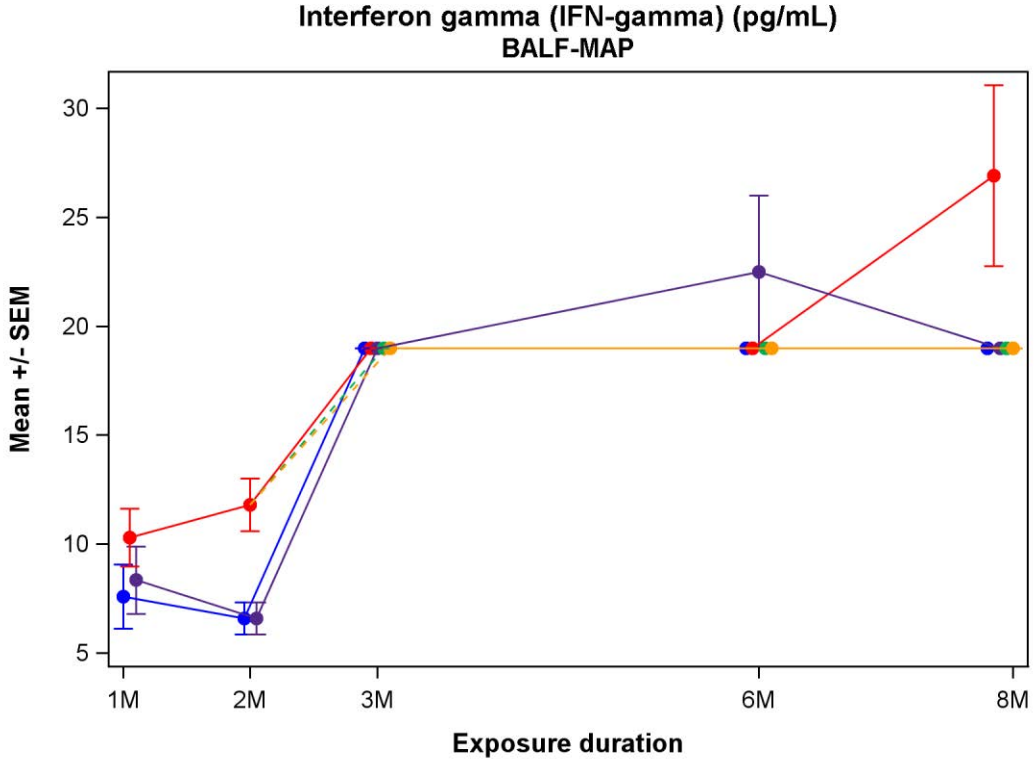
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.30	0	1.40	3.80	4.15	4.60	4.60	3.87	1.01	0.32	26.21			
	3R4F	10	1.30	0	2.70	3.50	3.90	4.50	5.00	3.90	0.77	0.24	19.79	(-)		
	THS2.2	9	1.30	0	2.70	4.10	4.50	4.70	5.30	4.28	0.78	0.26	18.21	(-)	-	
2M	Sham	10	1.30	0	3.90	4.50	4.95	5.40	5.60	4.89	0.57	0.18	11.59			
	3R4F	10	1.30	0	3.50	3.60	4.65	5.00	5.20	4.39	0.71	0.22	16.19	-		
	THS2.2	10	1.30	0	3.80	3.90	4.20	4.40	5.70	4.31	0.57	0.18	13.15	*	-	
3M	Sham	10	1.30	0	2.20	3.00	4.10	4.60	5.60	3.94	1.01	0.32	25.72			
	3R4F	10	1.30	0	1.70	2.50	3.35	3.90	4.30	3.16	0.89	0.28	28.04	-		
	THS2.2	10	1.30	0	2.60	3.00	4.00	4.80	6.00	4.02	1.14	0.36	28.33	-	-	
	cess	10	1.30	1	0.65	2.80	3.65	4.10	4.70	3.35	1.23	0.39	36.79	-	-	
	switch	10	1.30	0	1.90	3.30	4.00	4.10	4.50	3.70	0.77	0.24	20.94	-	-	(-)
6M	Sham	9	1.30	0	3.90	5.20	5.60	5.80	6.60	5.40	0.78	0.26	14.49			
	3R4F	10	1.30	0	3.30	4.20	4.35	4.80	4.90	4.38	0.50	0.16	11.48	**		
	THS2.2	10	1.30	0	4.20	4.90	5.65	5.90	6.70	5.54	0.74	0.23	13.38	-	***	
	cess	10	1.30	0	4.70	4.90	5.50	6.30	6.90	5.67	0.79	0.25	13.89	-	***	
	switch	10	1.30	0	4.60	4.70	4.85	5.30	5.80	5.06	0.46	0.15	9.14	-	**	(-)
8M	Sham	10	1.30	0	5.40	6.30	6.85	7.30	7.90	6.71	0.82	0.26	12.22			
	3R4F	10	1.30	0	3.70	4.80	5.65	6.80	7.10	5.64	1.12	0.36	19.91	*		
	THS2.2	10	1.30	0	5.10	6.10	6.60	7.20	7.40	6.48	0.80	0.25	12.30	-	-	
	cess	10	1.30	0	5.00	5.40	6.10	6.60	7.60	6.07	0.86	0.27	14.09	-	-	
	switch	10	1.30	1	0.65	5.20	5.75	6.30	7.40	5.49	1.89	0.60	34.43	(-)	-	-

Insulin (µlµ/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.03	-0.88	0.82	0.0284	0.9415	0.5911	(-)
	Sham	THS2.2	-0.41	-1.28	0.46	0.0173	0.3373	0.3918	(-)
	3R4F	THS2.2	-0.38	-1.13	0.37	0.3382	0.3041	0.2546	-
2M	Sham	3R4F	0.50	-0.11	1.11	0.1036	0.0999	0.1642	-
	Sham	THS2.2	0.58	0.05	1.11	0.5270	0.0344	0.0310	*
	3R4F	THS2.2	0.08	-0.53	0.69	0.2021	0.7841	0.8385	-
3M	Sham	3R4F	0.78	-0.12	1.68	0.3223	0.0838	0.0627	-
	Sham	THS2.2	-0.08	-1.09	0.93	0.6908	0.8701	0.9840	-
	Sham	cess	0.60	-0.47	1.66	0.3742	0.2538	0.2792	-
	Sham	switch	0.24	-0.61	1.09	0.3542	0.5598	0.4702	-
	3R4F	THS2.2	-0.86	-1.82	0.10	0.7116	0.0767	0.1059	-
	3R4F	cess	-0.18	-1.20	0.83	0.1536	0.7046	0.5279	-
	3R4F	switch	-0.54	-1.32	0.24	0.1103	0.1643	0.0923	-
	cess	switch	-0.36	-1.33	0.62	0.0123	0.4520	0.6288	(-)
6M	Sham	3R4F	1.02	0.36	1.68	0.3231	0.0051	0.0076	**
	Sham	THS2.2	-0.14	-0.88	0.60	0.3147	0.6948	0.6422	-
	Sham	cess	-0.27	-1.03	0.49	0.5859	0.4644	0.6679	-
	Sham	switch	0.34	-0.31	0.99	0.3678	0.2766	0.2698	-
	3R4F	THS2.2	-1.16	-1.76	-0.56	0.5086	0.0009	0.0015	***
	3R4F	cess	-1.29	-1.92	-0.66	0.6096	0.0005	0.0003	***
	3R4F	switch	-0.68	-1.13	-0.23	0.5018	0.0056	0.0169	**
	cess	switch	0.61	-0.01	1.23	0.0317	0.0524	0.0608	(-)
8M	Sham	3R4F	1.07	0.14	2.00	0.3699	0.0266	0.0257	*
	Sham	THS2.2	0.23	-0.53	0.99	0.1525	0.5327	0.5397	-
	Sham	cess	0.64	-0.15	1.43	0.7623	0.1048	0.1070	-
	Sham	switch	1.22	-0.19	2.64	0.0388	0.0838	0.0787	(-)
	3R4F	THS2.2	-0.84	-1.76	0.08	0.1406	0.0714	0.0599	-
	3R4F	cess	-0.43	-1.37	0.51	0.8031	0.3489	0.4199	-
	3R4F	switch	0.15	-1.33	1.64	0.1150	0.8265	0.7853	-
	cess	switch	0.59	-0.84	2.01	0.4840	0.3890	0.5986	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interferon gamma (IFN-gamma) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interferon gamma (IFN-gamma) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

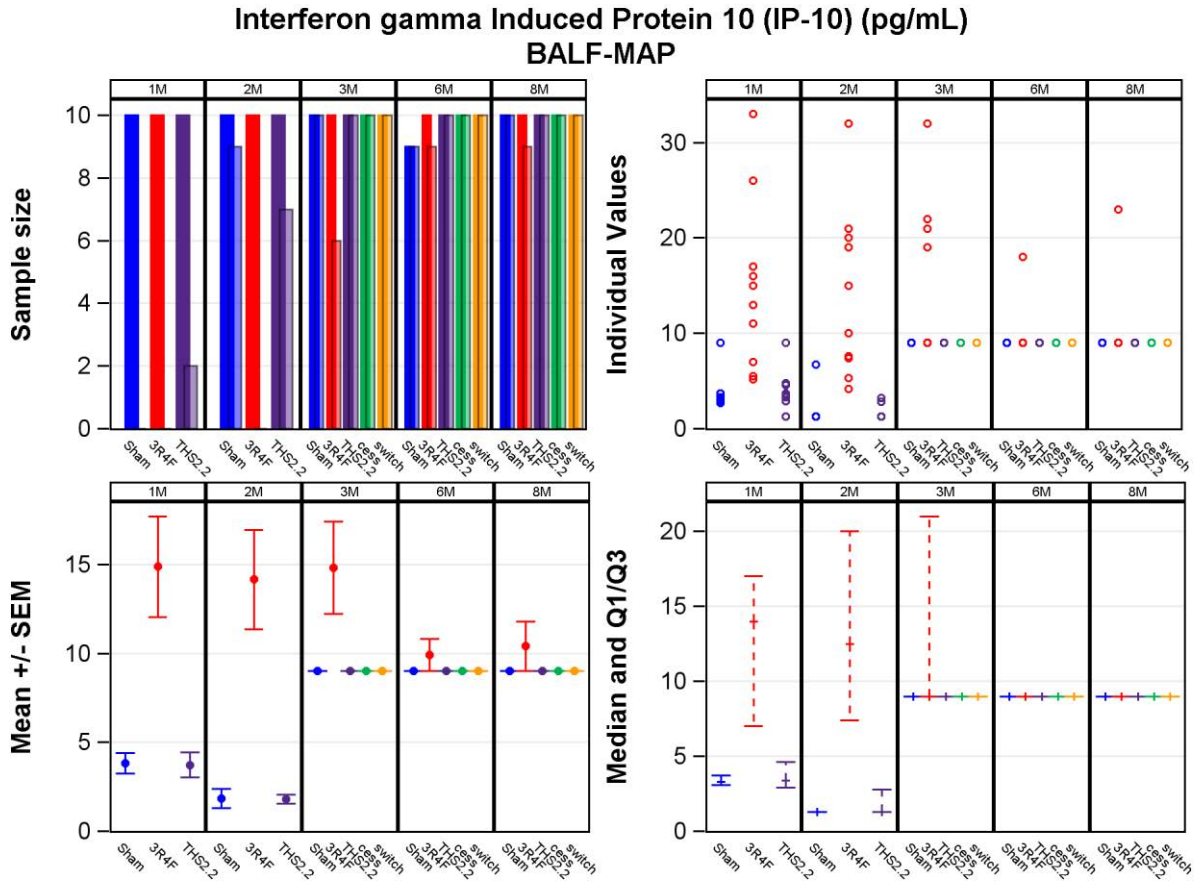
Interferon gamma (IFN-gamma) (pg/mL)
BALF-MAP

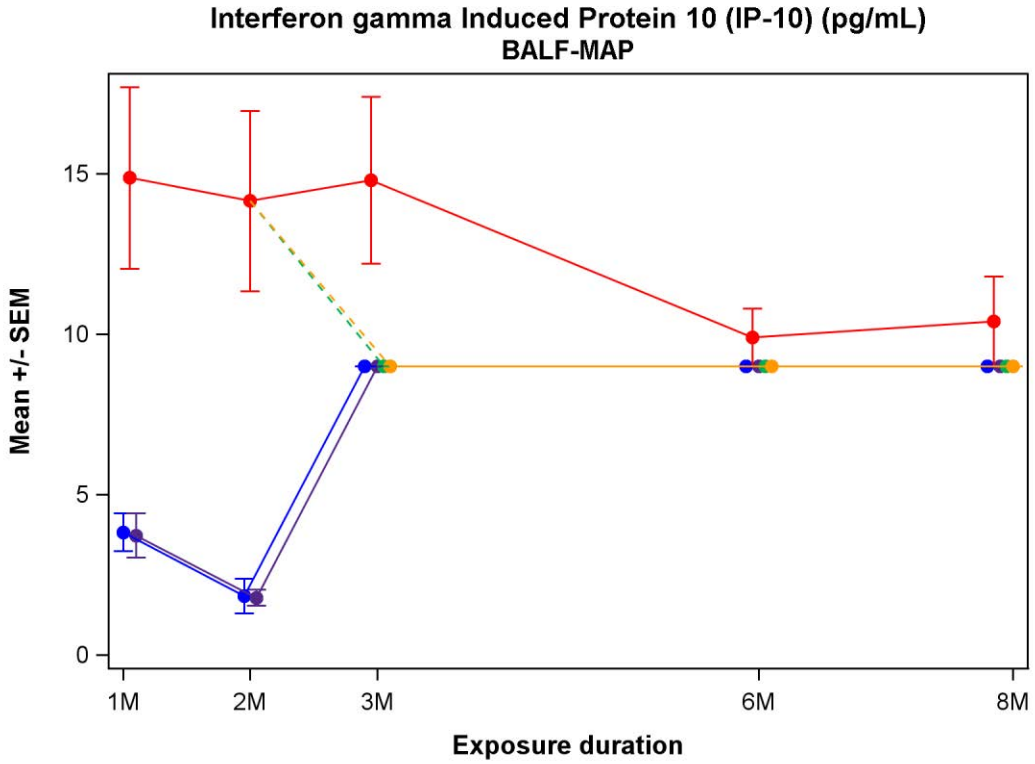
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	11.00	8	5.50	5.50	5.50	5.50	19.00	7.60	4.65	1.47	61.15			
	3R4F	10	11.00	4	5.50	5.50	13.00	13.00	15.00	10.30	4.18	1.32	40.56	(-)		
	THS2.2	10	11.00	7	5.50	5.50	5.50	13.00	19.00	8.35	4.87	1.54	58.33	(-)	(-)	
2M	Sham	10	11.00	8	5.50	5.50	5.50	5.50	11.00	6.60	2.32	0.73	35.14			
	3R4F	10	11.00	2	5.50	11.00	12.50	14.00	16.00	11.80	3.82	1.21	32.34	++		
	THS2.2	10	11.00	8	5.50	5.50	5.50	5.50	11.00	6.60	2.32	0.73	35.14	(-)	++	
3M	Sham	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00			
	3R4F	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	38.00	9	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00			
	3R4F	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	38.00	9	19.00	19.00	19.00	19.00	54.00	22.50	11.07	3.50	49.19	(-)	(-)	
	cess	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00			
	3R4F	10	38.00	7	19.00	19.00	19.00	39.00	53.00	26.90	13.15	4.16	48.89	(-)		
	THS2.2	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	(-)	
	cess	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	(-)	
	switch	10	38.00	10	19.00	19.00	19.00	19.00	19.00	19.00	0.00	0.00	0.00	n.a.	(-)	n.a.

Interferon gamma (IFN-gamma) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-2.70	-6.86	1.46	0.0162	0.1889	0.1498	(-)
	Sham	THS2.2	-0.75	-5.22	3.72	0.0001	0.7287	0.9275	(-)
	3R4F	THS2.2	1.95	-2.32	6.22	0.0132	0.3496	0.3068	(-)
2M	Sham	3R4F	-5.20	-8.21	-2.19	0.0308	0.0023	0.0070	++
	Sham	THS2.2	0.00	-2.18	2.18	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	5.20	2.19	8.21	0.0308	0.0023	0.0056	++
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-3.50	-11.42	4.42	0.0001	0.3434	1.0000	(-)
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	-3.50	-11.42	4.42	0.0001	0.3434	1.0000	(-)
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-7.90	-17.31	1.51	0.0002	0.0900	0.2134	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	7.90	-1.51	17.31	0.0002	0.0900	0.2071	(-)
	3R4F	cess	7.90	-1.51	17.31	0.0002	0.0900	0.2060	(-)
	3R4F	switch	7.90	-1.51	17.31	0.0002	0.0900	0.2155	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

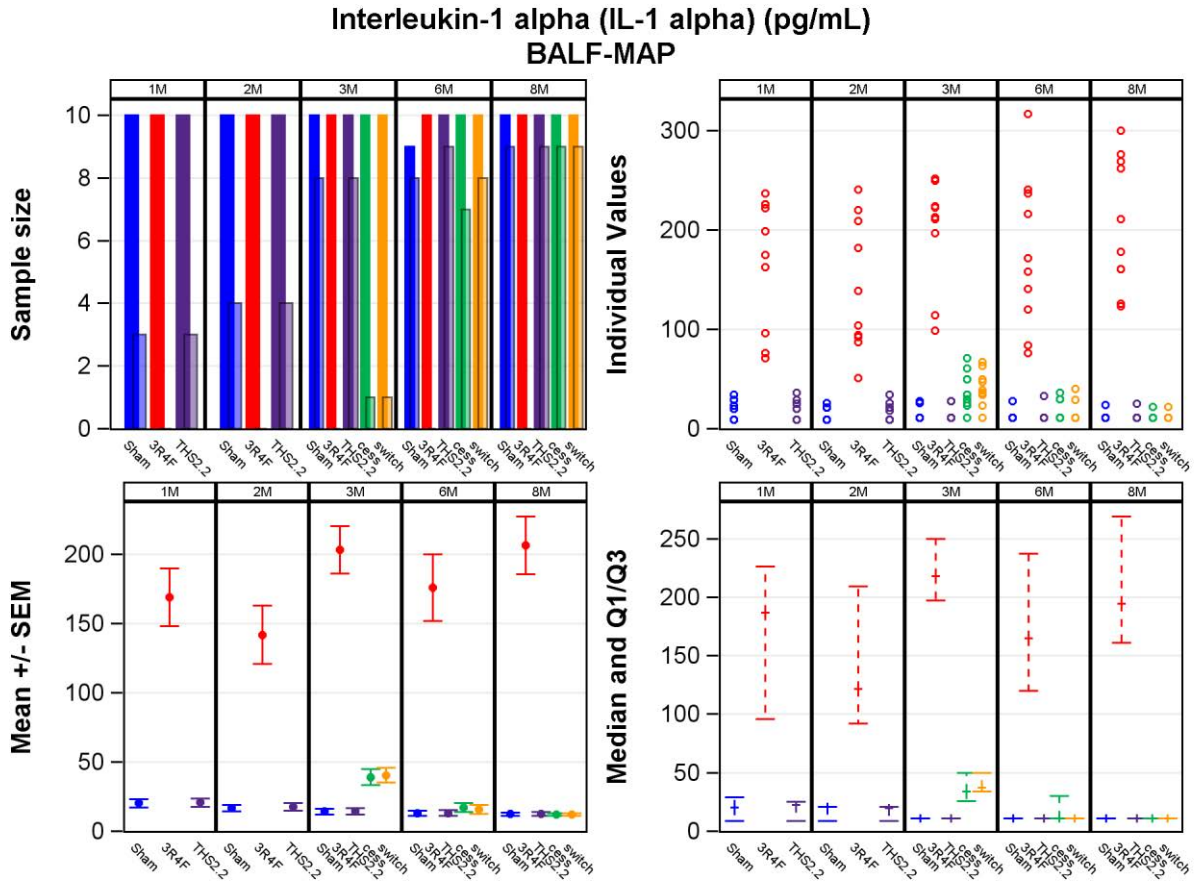
Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
BALF-MAP

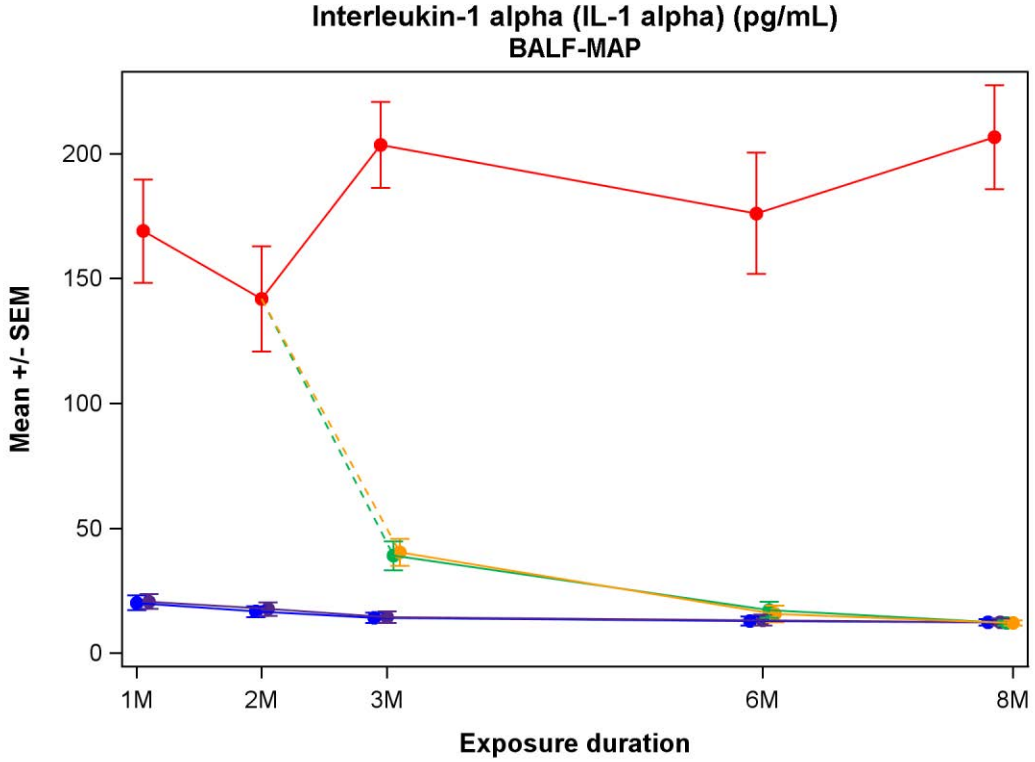
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.60	0	2.70	3.10	3.30	3.70	9.00	3.83	1.84	0.58	48.11			
	3R4F	10	2.60	0	5.20	7.00	14.00	17.00	33.00	14.87	8.95	2.83	60.15	+++		
	THS2.2	10	2.60	2	1.30	2.90	3.40	4.60	9.00	3.73	2.19	0.69	58.67	(-)	+++	
2M	Sham	10	2.60	9	1.30	1.30	1.30	1.30	6.70	1.84	1.71	0.54	92.81			
	3R4F	10	2.60	0	4.20	7.40	12.50	20.00	32.00	14.15	8.86	2.80	62.64	+++		
	THS2.2	10	2.60	7	1.30	1.30	1.30	2.80	3.20	1.79	0.80	0.25	44.49	(-)	+++	
3M	Sham	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00			
	3R4F	10	18.00	6	9.00	9.00	9.00	21.00	32.00	14.80	8.20	2.59	55.43	(-)		
	THS2.2	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	cess	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	switch	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	n.a.
6M	Sham	9	18.00	9	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00			
	3R4F	10	18.00	9	9.00	9.00	9.00	9.00	18.00	9.90	2.85	0.90	28.75	(-)		
	THS2.2	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	cess	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	switch	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	n.a.
8M	Sham	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00			
	3R4F	10	18.00	9	9.00	9.00	9.00	9.00	23.00	10.40	4.43	1.40	42.57	(-)		
	THS2.2	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	cess	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	
	switch	10	18.00	10	9.00	9.00	9.00	9.00	9.00	9.00	0.00	0.00	0.00	n.a.	(-)	n.a.

Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-11.04	-17.50	-4.58	0.0006	0.0035	0.0002	+++
	Sham	THS2.2	0.10	-1.80	2.00	0.0001	0.9132	0.9890	(-)
	3R4F	THS2.2	11.14	4.66	17.62	0.0189	0.0033	0.0001	+++
2M	Sham	3R4F	-12.31	-18.70	-5.92	0.0005	0.0017	0.0001	+++
	Sham	THS2.2	0.05	-1.24	1.34	0.0001	0.9344	0.5792	(-)
	3R4F	THS2.2	12.36	6.01	18.71	0.0039	0.0017	<.0001	+++
3M	Sham	3R4F	-5.80	-11.67	0.07	0.0008	0.0522	0.0879	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	5.80	-0.07	11.67	0.0008	0.0522	0.0886	(-)
	3R4F	cess	5.80	-0.07	11.67	0.0008	0.0522	0.0885	(-)
	3R4F	switch	5.80	-0.07	11.67	0.0008	0.0522	0.0873	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	-0.90	-2.94	1.14	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.90	-1.14	2.94	0.0001	0.3434	1.0000	(-)
	3R4F	cess	0.90	-1.14	2.94	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.90	-1.14	2.94	0.0001	0.3434	1.0000	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-1.40	-4.57	1.77	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1.40	-1.77	4.57	0.0001	0.3434	1.0000	(-)
	3R4F	cess	1.40	-1.77	4.57	0.0001	0.3434	1.0000	(-)
	3R4F	switch	1.40	-1.77	4.57	0.0001	0.3434	1.0000	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-1 alpha (IL-1 alpha) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-1 alpha (IL-1 alpha) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

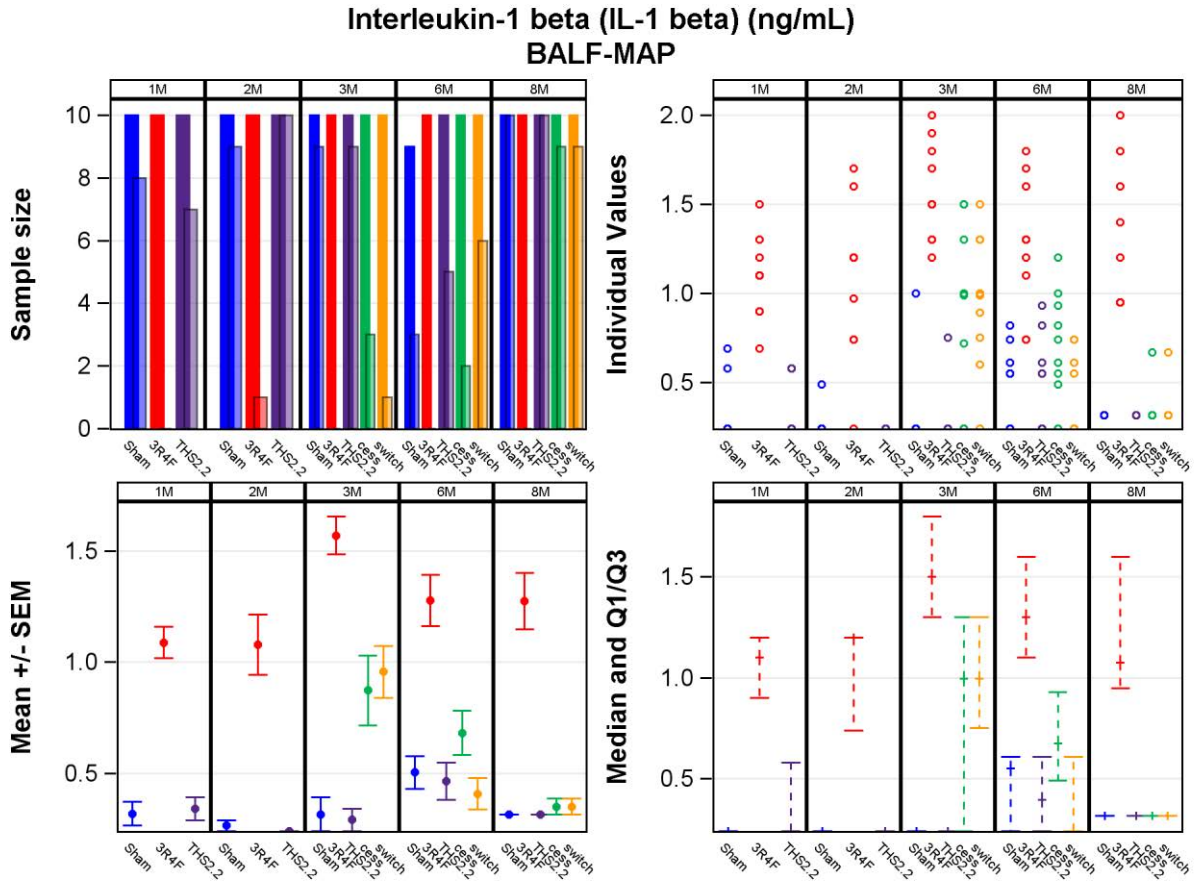
Interleukin-1 alpha (IL-1 alpha) (pg/mL)
BALF-MAP

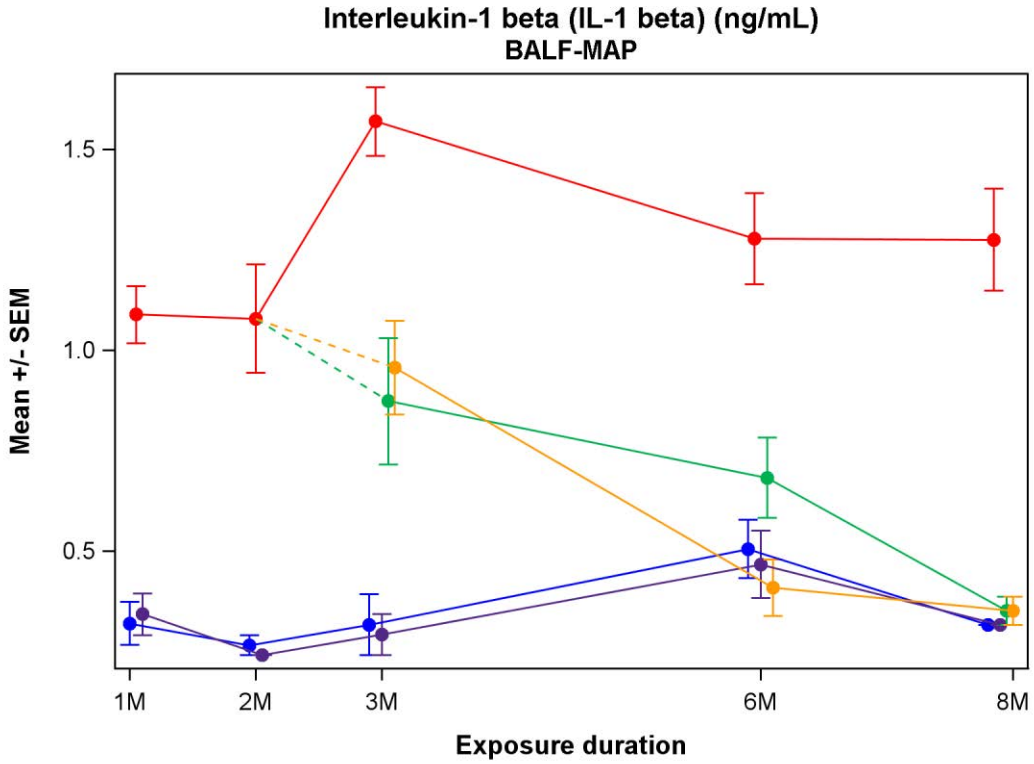
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	18.00	3	9.00	9.00	20.00	29.00	34.00	20.20	9.00	2.85	44.57			
	3R4F	10	18.00	0	71.00	96.00	187.00	226.00	237.00	169.10	65.39	20.68	38.67	+++		
	THS2.2	10	18.00	3	9.00	9.00	22.50	25.00	36.00	20.70	9.25	2.93	44.69	(-)	+++	
2M	Sham	10	18.00	4	9.00	9.00	21.00	21.00	26.00	16.70	6.80	2.15	40.72			
	3R4F	10	18.00	0	51.00	92.00	121.50	209.00	241.00	141.90	66.28	20.96	46.71	+++		
	THS2.2	10	18.00	4	9.00	9.00	19.50	21.00	34.00	17.70	8.63	2.73	48.75	(-)	***	
3M	Sham	10	22.00	8	11.00	11.00	11.00	11.00	28.00	14.20	6.76	2.14	47.62			
	3R4F	10	22.00	0	99.00	197.00	218.00	250.00	252.00	203.50	54.56	17.25	26.81	***		
	THS2.2	10	22.00	8	11.00	11.00	11.00	11.00	28.00	14.40	7.17	2.27	49.78	(-)	***	
	cess	10	22.00	1	11.00	26.00	34.00	50.00	71.00	39.00	18.53	5.86	47.51	+++	***	
	switch	10	22.00	1	11.00	34.00	37.50	50.00	67.00	40.40	17.08	5.40	42.27	+++	***	-
6M	Sham	9	22.00	8	11.00	11.00	11.00	11.00	28.00	12.89	5.67	1.89	43.97			
	3R4F	10	22.00	0	76.00	120.00	165.00	237.00	317.00	176.20	76.44	24.17	43.38	+++		
	THS2.2	10	22.00	9	11.00	11.00	11.00	11.00	33.00	13.20	6.96	2.20	52.70	(-)	+++	
	cess	10	22.00	7	11.00	11.00	11.00	30.00	36.00	17.30	10.27	3.25	59.39	(-)	+++	
	switch	10	22.00	8	11.00	11.00	11.00	11.00	40.00	15.70	10.24	3.24	65.24	(-)	+++	(-)
8M	Sham	10	22.00	9	11.00	11.00	11.00	11.00	24.00	12.30	4.11	1.30	33.42			
	3R4F	10	22.00	0	123.00	161.00	194.50	269.00	300.00	206.70	65.81	20.81	31.84	+++		
	THS2.2	10	22.00	9	11.00	11.00	11.00	11.00	25.00	12.40	4.43	1.40	35.70	(-)	+++	
	cess	10	22.00	9	11.00	11.00	11.00	11.00	22.00	12.10	3.48	1.10	28.75	(-)	+++	
	switch	10	22.00	9	11.00	11.00	11.00	11.00	22.00	12.10	3.48	1.10	28.75	(-)	+++	(-)

Interleukin-1 alpha (IL-1 alpha) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-148.9	-195.9	-101.9	0.0389	<.0001	<.0001	+++
	Sham	THS2.2	-0.50	-9.08	8.08	0.0338	0.9039	0.8904	(-)
	3R4F	THS2.2	148.40	101.43	195.37	0.0400	<.0001	<.0001	+++
2M	Sham	3R4F	-125.2	-172.7	-77.69	0.0209	0.0002	<.0001	+++
	Sham	THS2.2	-1.00	-8.33	6.33	0.0075	0.7769	0.9604	(-)
	3R4F	THS2.2	124.20	76.62	171.78	0.1440	0.0002	<.0001	***
3M	Sham	3R4F	-189.3	-228.4	-150.2	0.1565	<.0001	<.0001	***
	Sham	THS2.2	-0.20	-6.75	6.35	0.0001	0.9495	1.0000	(-)
	Sham	cess	-24.80	-38.48	-11.12	0.0019	0.0020	0.0007	+++
	Sham	switch	-26.20	-38.88	-13.52	0.0055	0.0008	0.0004	+++
	3R4F	THS2.2	189.10	149.94	228.26	0.1098	<.0001	<.0001	***
	3R4F	cess	164.50	124.42	204.58	0.7034	<.0001	<.0001	***
	3R4F	switch	163.10	123.20	203.00	0.2726	<.0001	<.0001	***
	cess	switch	-1.40	-18.15	15.35	0.6308	0.8625	0.7247	-
6M	Sham	3R4F	-163.3	-218.1	-108.6	0.0027	<.0001	<.0001	+++
	Sham	THS2.2	-0.31	-6.43	5.81	0.0001	0.9158	1.0000	(-)
	Sham	cess	-4.41	-12.46	3.63	0.0001	0.2597	0.3218	(-)
	Sham	switch	-2.81	-10.84	5.21	0.0001	0.4656	0.5966	(-)
	3R4F	THS2.2	163.00	108.23	217.77	0.0009	<.0001	<.0001	+++
	3R4F	cess	158.90	104.02	213.78	0.0129	<.0001	<.0001	+++
	3R4F	switch	160.50	105.62	215.38	0.0057	<.0001	<.0001	+++
	cess	switch	1.60	-8.04	11.24	0.0001	0.7313	0.6497	(-)
8M	Sham	3R4F	-194.4	-241.5	-147.3	0.0021	<.0001	<.0001	+++
	Sham	THS2.2	-0.10	-4.12	3.92	0.0001	0.9588	1.0000	(-)
	Sham	cess	0.20	-3.38	3.78	0.0001	0.9078	1.0000	(-)
	Sham	switch	0.20	-3.38	3.78	0.0001	0.9078	1.0000	(-)
	3R4F	THS2.2	194.30	147.18	241.42	0.0021	<.0001	<.0001	+++
	3R4F	cess	194.60	147.49	241.71	0.0021	<.0001	<.0001	+++
	3R4F	switch	194.60	147.49	241.71	0.0021	<.0001	<.0001	+++
	cess	switch	0.00	-3.27	3.27	0.0001	1.0000	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-1 beta (IL-1 beta) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-1 beta (IL-1 beta) (ng/mL)
BALF-MAP
Mean +/- SEM
1.5
1.0
0.5
1M
2M
3M
6M
8M
Exposure duration

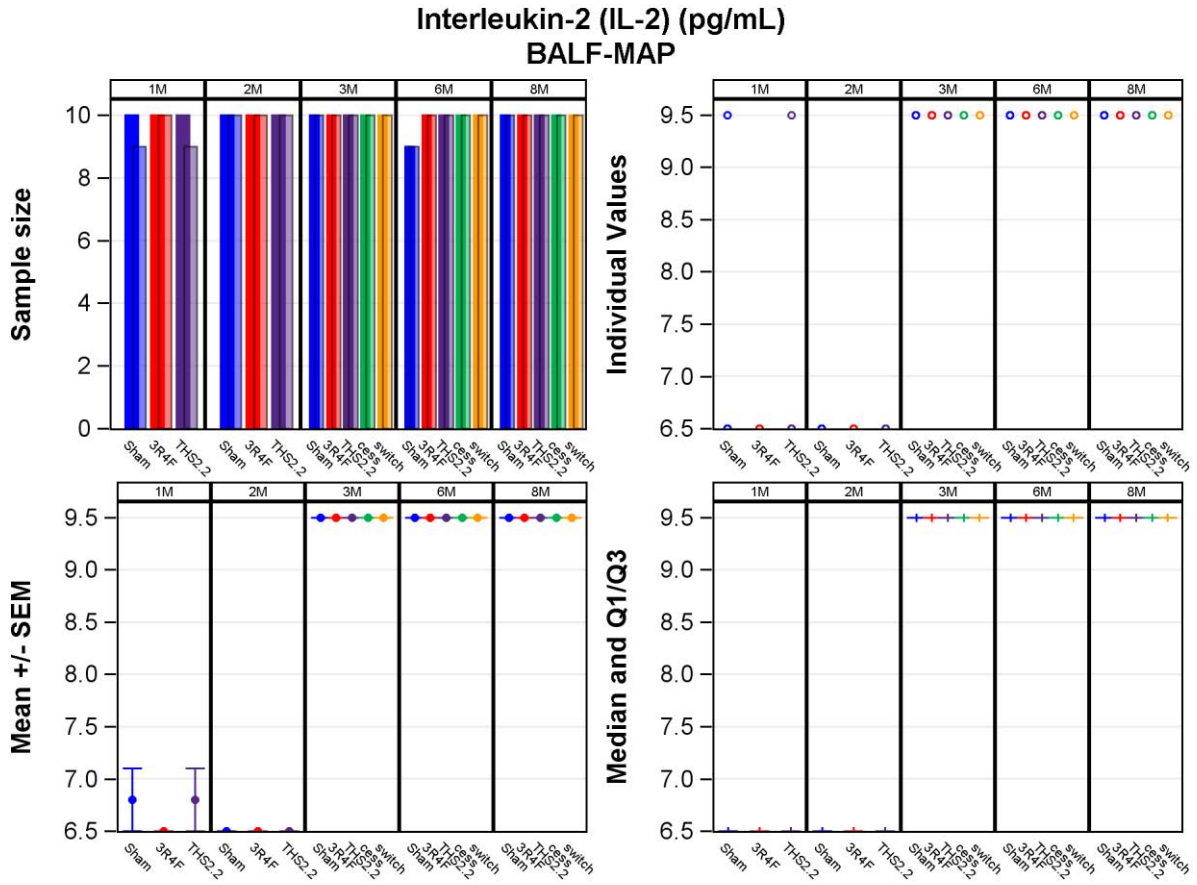
Interleukin-1 beta (IL-1 beta) (ng/mL)
BALF-MAP

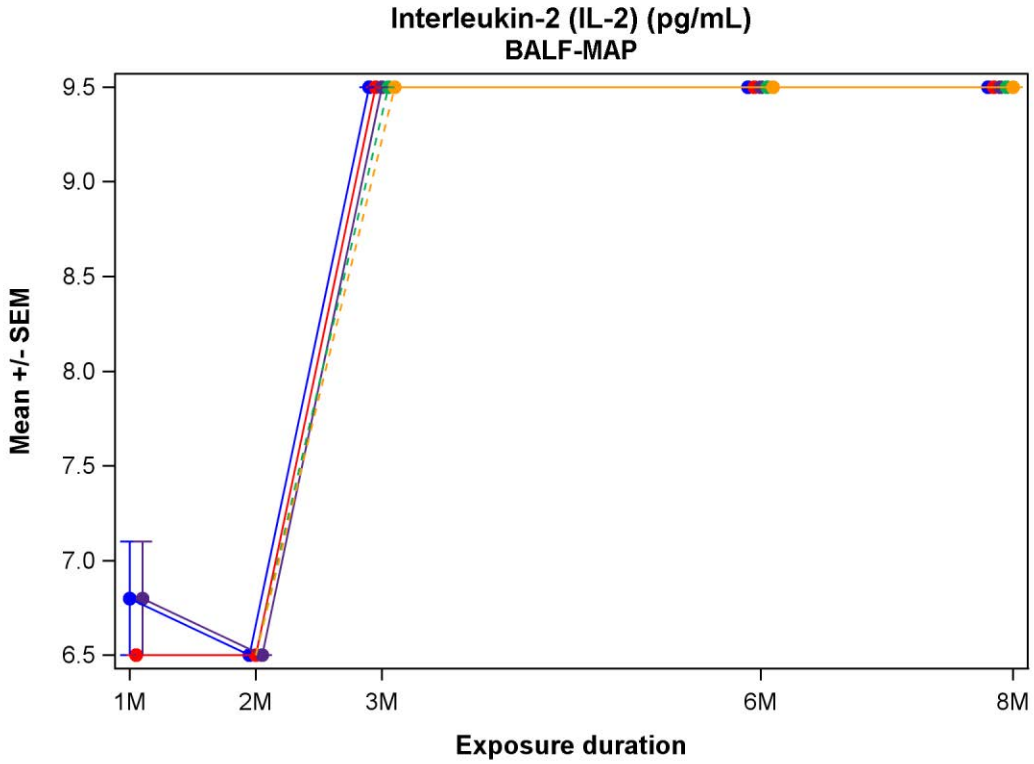
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.48	8	0.24	0.24	0.24	0.24	0.69	0.32	0.17	0.05	52.84			
	3R4F	10	0.48	0	0.69	0.90	1.10	1.20	1.50	1.09	0.23	0.07	20.69	+++		
	THS2.2	10	0.48	7	0.24	0.24	0.24	0.58	0.58	0.34	0.16	0.05	48.02	(-)	+++	
2M	Sham	10	0.48	9	0.24	0.24	0.24	0.24	0.49	0.27	0.08	0.03	29.83			
	3R4F	10	0.48	1	0.24	0.74	1.20	1.20	1.70	1.08	0.43	0.14	39.82	+++		
	THS2.2	10	0.48	10	0.24	0.24	0.24	0.24	0.24	0.24	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.48	9	0.24	0.24	0.24	0.24	1.00	0.32	0.24	0.08	76.05			
	3R4F	10	0.48	0	1.20	1.30	1.50	1.80	2.00	1.57	0.27	0.09	17.26	+++		
	THS2.2	10	0.48	9	0.24	0.24	0.24	0.24	0.75	0.29	0.16	0.05	55.42	(-)	+++	
	cess	10	0.48	3	0.24	0.24	1.00	1.30	1.50	0.87	0.50	0.16	57.15	+	**	
	switch	10	0.48	1	0.24	0.75	1.00	1.30	1.50	0.96	0.37	0.12	38.53	++	***	-
6M	Sham	9	0.48	3	0.24	0.24	0.55	0.61	0.82	0.50	0.22	0.07	43.33			
	3R4F	10	0.48	0	0.74	1.10	1.30	1.60	1.80	1.28	0.36	0.11	28.24	***		
	THS2.2	10	0.48	5	0.24	0.24	0.40	0.61	0.93	0.47	0.26	0.08	56.81	(-)	***	
	cess	10	0.48	2	0.24	0.49	0.68	0.93	1.20	0.68	0.32	0.10	46.46	-	**	
	switch	10	0.48	6	0.24	0.24	0.24	0.61	0.74	0.41	0.22	0.07	54.85	(-)	***	*
8M	Sham	10	0.63	10	0.32	0.32	0.32	0.32	0.32	0.32	0.00	0.00	0.00			
	3R4F	10	0.63	0	0.95	0.95	1.08	1.60	2.00	1.27	0.40	0.13	31.55	+++		
	THS2.2	10	0.63	10	0.32	0.32	0.32	0.32	0.32	0.32	0.00	0.00	0.00	n.a.	+++	
	cess	10	0.63	9	0.32	0.32	0.32	0.32	0.67	0.35	0.11	0.04	32.03	(-)	+++	
	switch	10	0.63	9	0.32	0.32	0.32	0.32	0.67	0.35	0.11	0.04	32.03	(-)	+++	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-1 beta (IL-1 beta) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.77	-0.96	-0.58	0.0186	<.0001	<.0001	+++
	Sham	THS2.2	-0.02	-0.18	0.13	0.0001	0.7608	1.0000	(-)
	3R4F	THS2.2	0.75	0.56	0.93	0.0368	<.0001	<.0001	+++
2M	Sham	3R4F	-0.81	-1.12	-0.50	0.0028	0.0002	<.0001	+++
	Sham	THS2.2	0.03	-0.03	0.08	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.84	0.53	1.15	.	0.0002	0.0002	n.a.
3M	Sham	3R4F	-1.25	-1.49	-1.01	0.0008	<.0001	0.0001	+++
	Sham	THS2.2	0.03	-0.17	0.22	0.0001	0.7883	1.0000	(-)
	Sham	cess	-0.56	-0.94	-0.18	0.0031	0.0073	0.0147	+
	Sham	switch	-0.64	-0.94	-0.35	0.0030	0.0003	0.0011	++
	3R4F	THS2.2	1.28	1.07	1.49	0.0008	<.0001	<.0001	+++
	3R4F	cess	0.70	0.31	1.08	0.1163	0.0017	0.0014	**
	3R4F	switch	0.61	0.31	0.92	0.7850	0.0006	0.0005	***
	cess	switch	-0.08	-0.50	0.33	0.3830	0.6740	0.8430	-
6M	Sham	3R4F	-0.77	-1.06	-0.48	0.1319	<.0001	<.0001	***
	Sham	THS2.2	0.04	-0.20	0.27	0.0486	0.7333	0.7299	(-)
	Sham	cess	-0.18	-0.44	0.09	0.2178	0.1711	0.2311	-
	Sham	switch	0.10	-0.12	0.31	0.0229	0.3558	0.4120	(-)
	3R4F	THS2.2	0.81	0.51	1.11	0.3390	<.0001	0.0001	***
	3R4F	cess	0.60	0.28	0.92	0.3333	0.0010	0.0020	**
	3R4F	switch	0.87	0.58	1.16	0.0679	<.0001	0.0001	***
	cess	switch	0.27	0.01	0.53	0.0573	0.0400	0.0539	*
8M	Sham	3R4F	-0.96	-1.25	-0.67	0.0020	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.04	-0.12	0.04	0.0001	0.3434	1.0000	(-)
	Sham	switch	-0.04	-0.12	0.04	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	0.96	0.67	1.25	0.0020	<.0001	<.0001	+++
	3R4F	cess	0.92	0.63	1.22	0.0001	<.0001	<.0001	+++
	3R4F	switch	0.92	0.63	1.22	0.0001	<.0001	<.0001	+++
	cess	switch	0.00	-0.11	0.11	0.0001	1.0000	1.0000	(-)


Interleukin-2 (IL-2) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-2 (IL-2) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

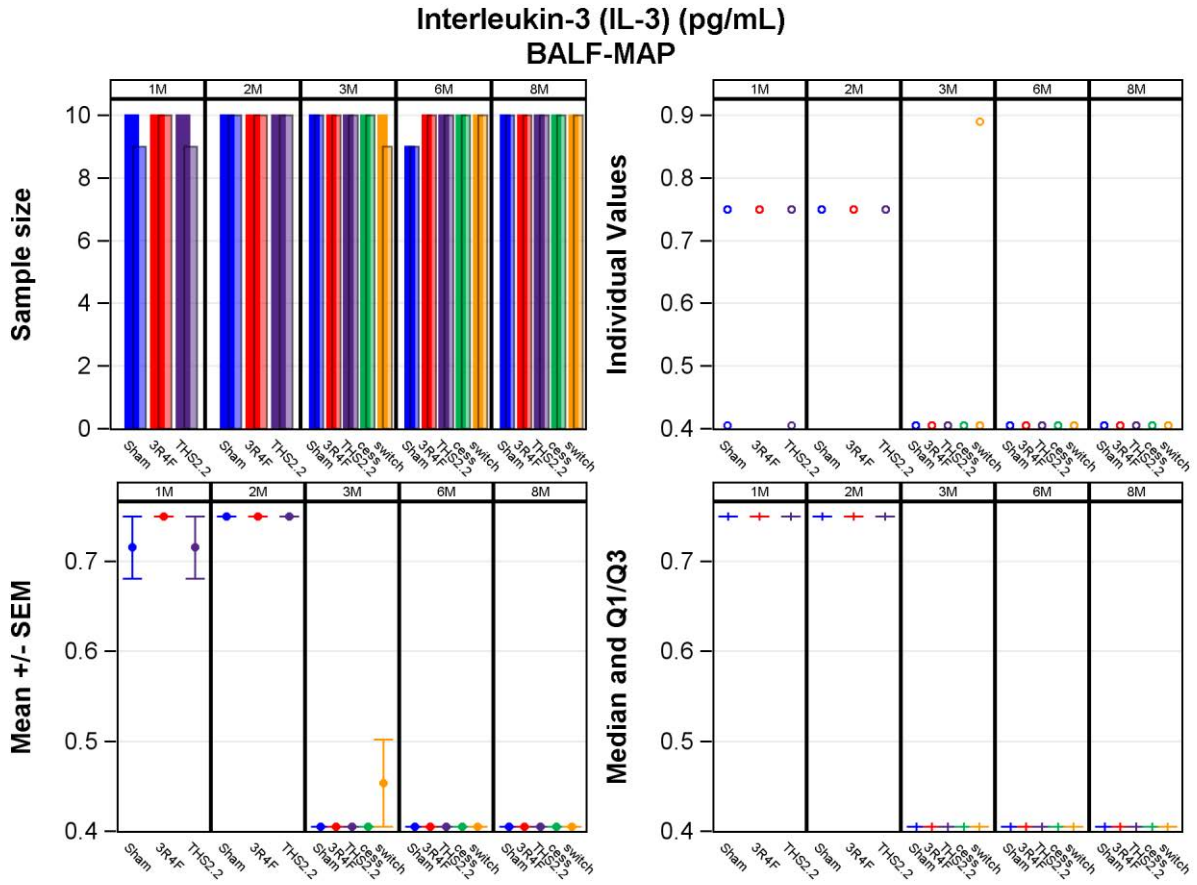
Interleukin-2 (IL-2) (pg/mL)
BALF-MAP

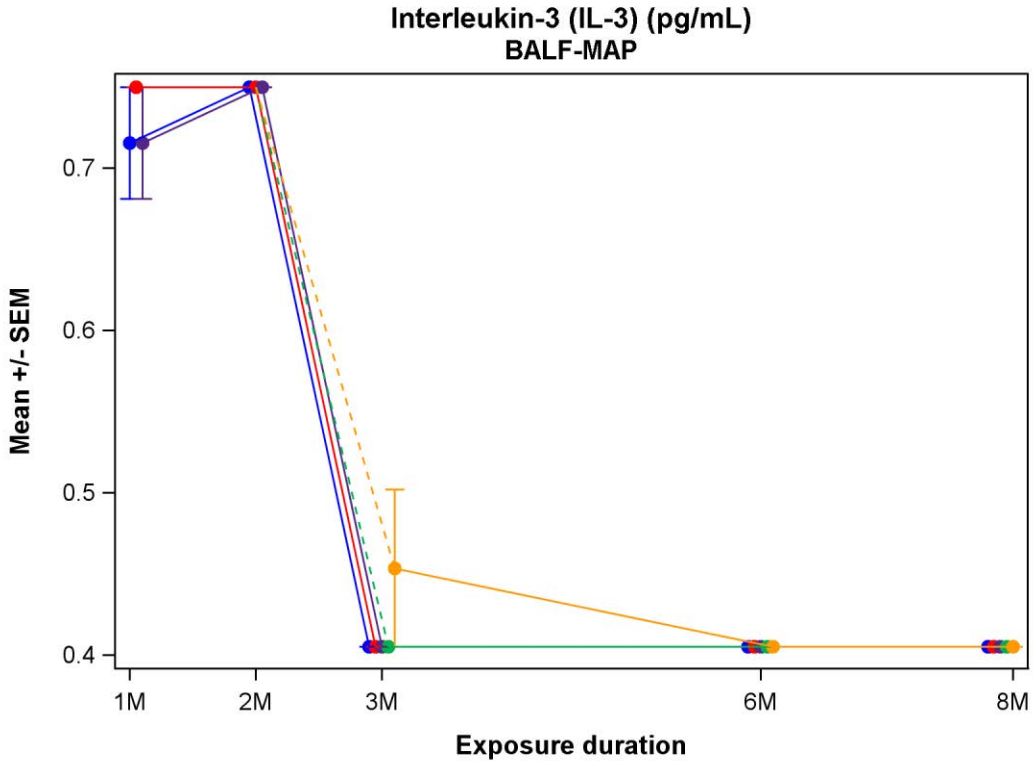
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	13.00	9	6.50	6.50	6.50	6.50	9.50	6.80	0.95	0.30	13.95			
	3R4F	10	13.00	10	6.50	6.50	6.50	6.50	6.50	6.50	0.00	0.00	0.00	(-)		
	THS2.2	10	13.00	9	6.50	6.50	6.50	6.50	9.50	6.80	0.95	0.30	13.95	(-)	(-)	
2M	Sham	10	13.00	10	6.50	6.50	6.50	6.50	6.50	6.50	0.00	0.00	0.00			
	3R4F	10	13.00	10	6.50	6.50	6.50	6.50	6.50	6.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	13.00	10	6.50	6.50	6.50	6.50	6.50	6.50	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00			
	3R4F	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	19.00	9	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00			
	3R4F	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00			
	3R4F	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	19.00	10	9.50	9.50	9.50	9.50	9.50	9.50	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-2 (IL-2) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.30	-0.38	0.98	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	-0.89	0.89	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	-0.30	-0.98	0.38	0.0001	0.3434	1.0000	(-)
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-3 (IL-3) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-3 (IL-3) (pg/mL)
BALF-MAP
Mean +/- SEM
0.7
0.6
0.5
0.4
1M
2M
3M
6M
8M
Exposure duration

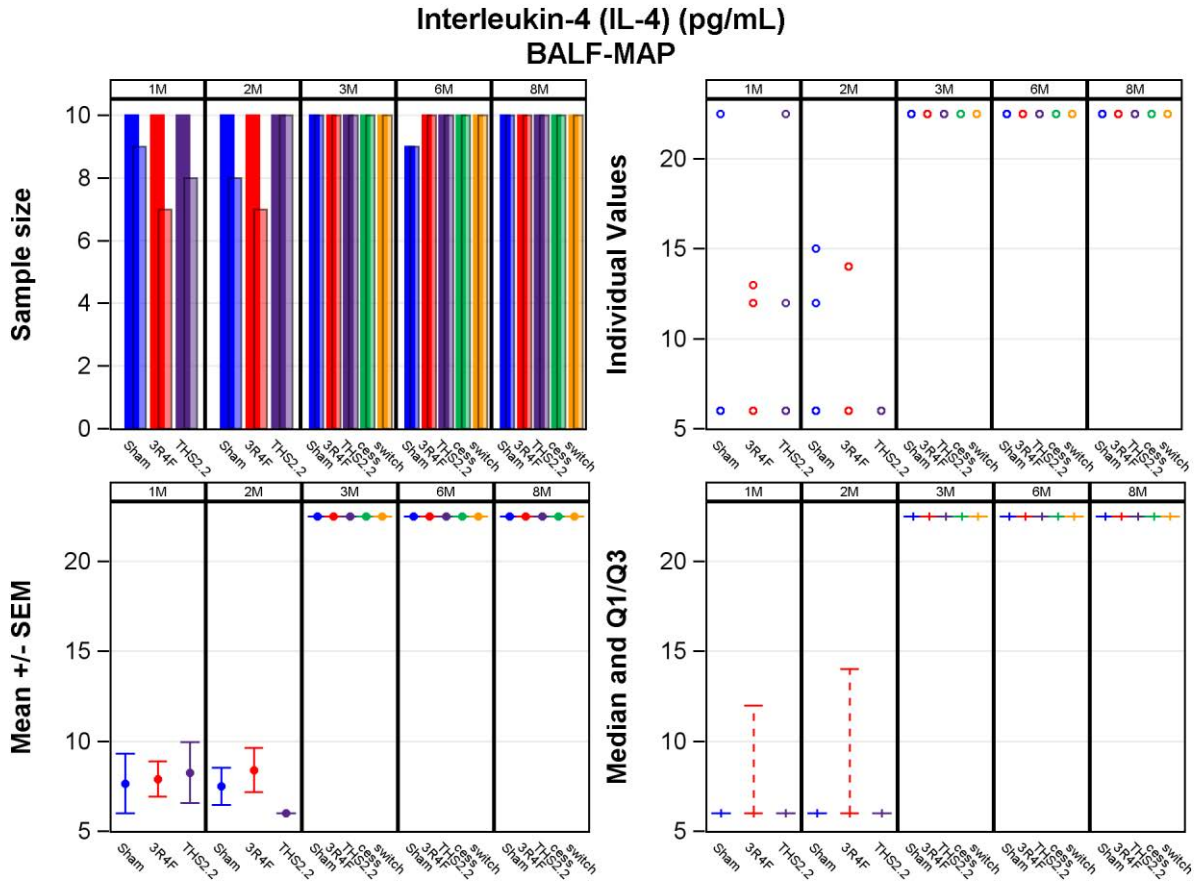
Interleukin-3 (IL-3) (pg/mL)
BALF-MAP

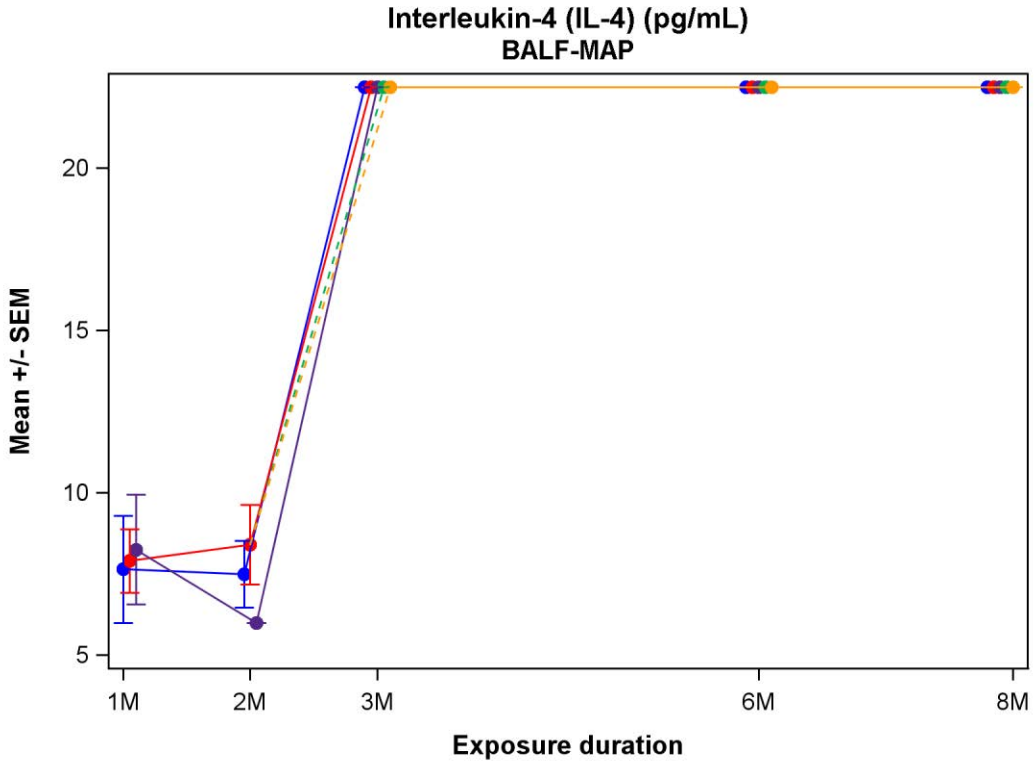
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.50	9	0.41	0.75	0.75	0.75	0.75	0.72	0.11	0.03	15.25			
	3R4F	10	1.50	10	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	0.00	(-)		
	THS2.2	10	1.50	9	0.41	0.75	0.75	0.75	0.75	0.72	0.11	0.03	15.25	(-)	(-)	
2M	Sham	10	1.50	10	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	0.00			
	3R4F	10	1.50	10	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	0.00	n.a.		
	THS2.2	10	1.50	10	0.75	0.75	0.75	0.75	0.75	0.75	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00			
	3R4F	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.81	9	0.41	0.41	0.41	0.41	0.89	0.45	0.15	0.05	33.82	n.a.	n.a.	n.a.
6M	Sham	9	0.81	9	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00			
	3R4F	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00			
	3R4F	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.81	10	0.41	0.41	0.41	0.41	0.41	0.41	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-3 (IL-3) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.03	-0.11	0.04	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	-0.10	0.10	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.03	-0.04	0.11	0.0001	0.3434	1.0000	(-)
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-0.05	-0.16	0.06	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	-0.05	-0.16	0.06	.	0.3434	1.0000	n.a.
	cess	switch	-0.05	-0.16	0.06	.	0.3434	1.0000	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-4 (IL-4) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-4 (IL-4) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-4 (IL-4) (pg/mL)
BALF-MAP

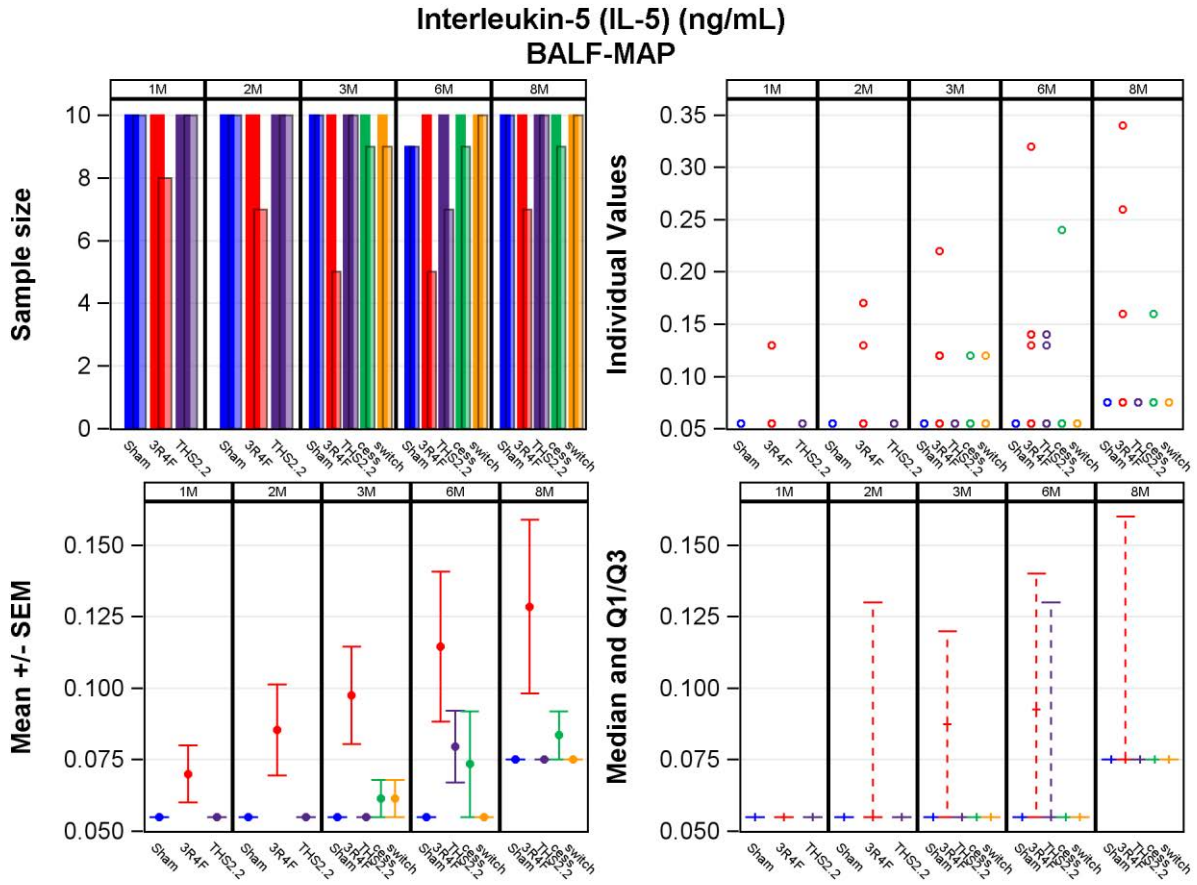
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	12.00	9	6.00	6.00	6.00	6.00	22.50	7.65	5.22	1.65	68.21			
	3R4F	10	12.00	7	6.00	6.00	6.00	12.00	13.00	7.90	3.07	0.97	38.88	(-)		
	THS2.2	10	12.00	8	6.00	6.00	6.00	6.00	22.50	8.25	5.35	1.69	64.85	(-)	(-)	
2M	Sham	10	12.00	8	6.00	6.00	6.00	6.00	15.00	7.50	3.24	1.02	43.20			
	3R4F	10	12.00	7	6.00	6.00	6.00	14.00	14.00	8.40	3.86	1.22	46.00	(-)		
	THS2.2	10	12.00	10	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	(-)	(-)	
3M	Sham	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00			
	3R4F	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	45.00	9	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00			
	3R4F	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00			
	3R4F	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	45.00	10	22.50	22.50	22.50	22.50	22.50	22.50	0.00	0.00	0.00	n.a.	n.a.	n.a.

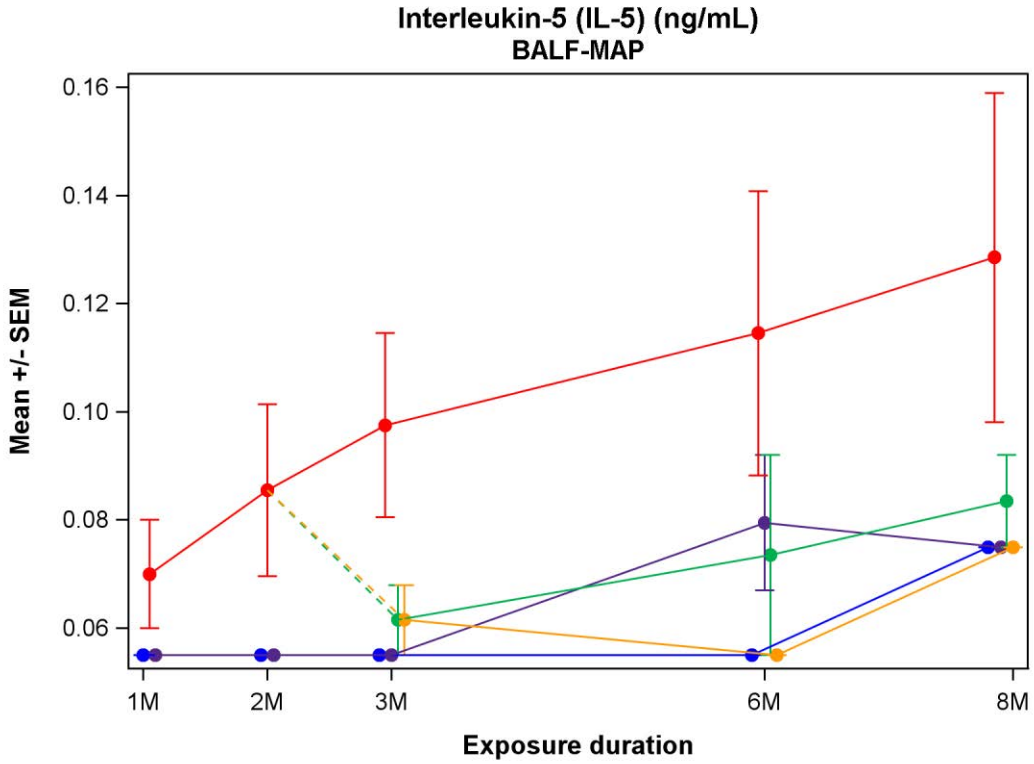
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-4 (IL-4) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.25	-4.34	3.84	0.0001	0.8979	0.5684	(-)
	Sham	THS2.2	-0.60	-5.57	4.37	0.0001	0.8025	1.0000	(-)
	3R4F	THS2.2	-0.35	-4.52	3.82	0.0001	0.8601	0.9333	(-)
2M	Sham	3R4F	-0.90	-4.26	2.46	0.0001	0.5797	0.7916	(-)
	Sham	THS2.2	1.50	-0.82	3.82	0.0001	0.1773	0.4630	(-)
	3R4F	THS2.2	2.40	-0.36	5.16	0.0001	0.0811	0.2080	(-)
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-5 (IL-5) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

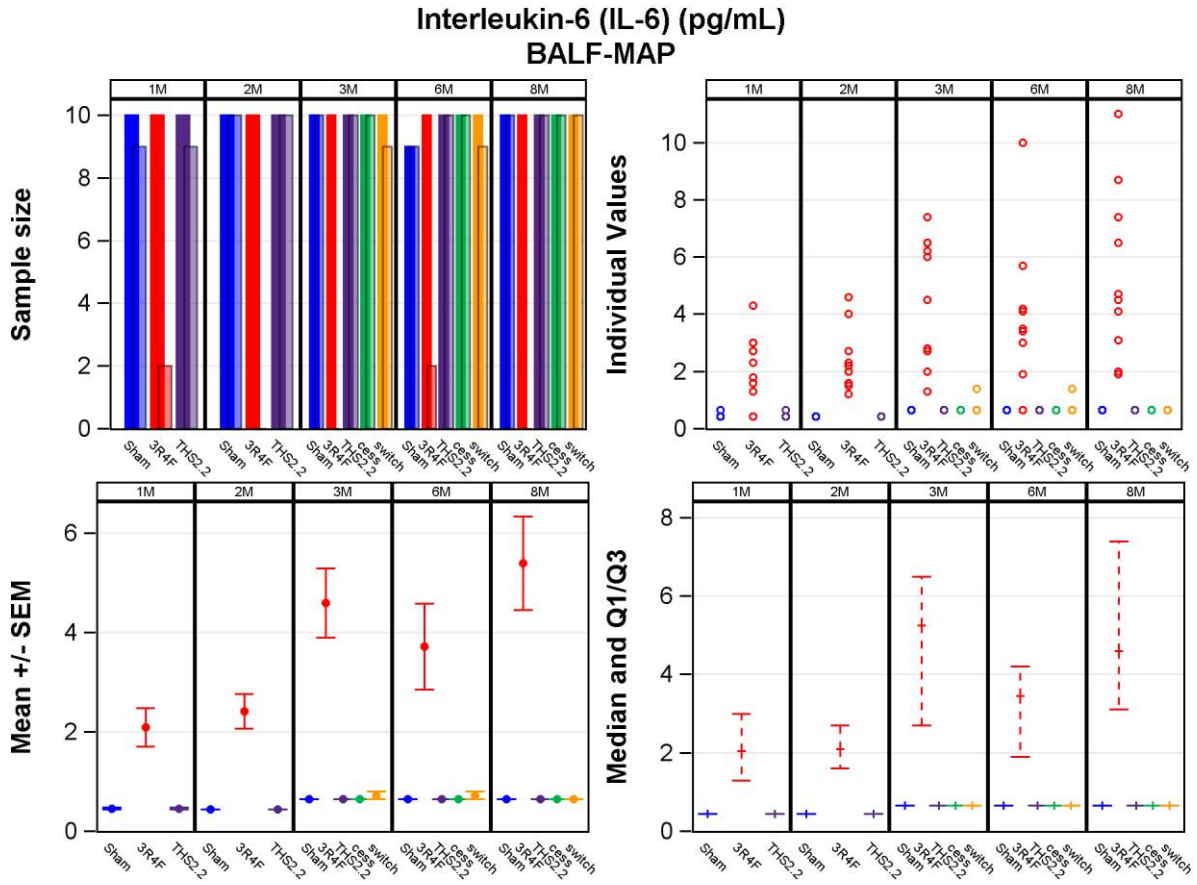

Interleukin-5 (IL-5) (ng/mL)
BALF-MAP
Mean +/- SEM
0.16
0.14
0.12
0.10
0.08
0.06
1M
2M
3M
6M
8M
Exposure duration

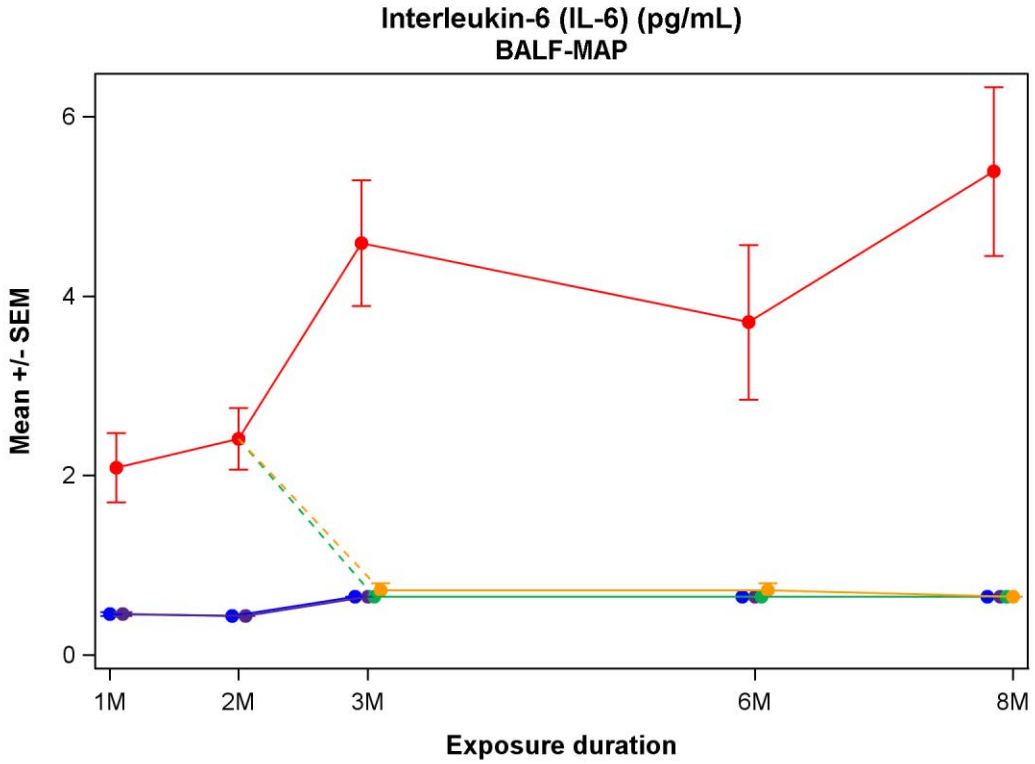
Interleukin-5 (IL-5) (ng/mL)
BALF-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	8	0.06	0.06	0.06	0.06	0.13	0.07	0.03	0.01	45.18	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	7	0.06	0.06	0.06	0.13	0.17	0.09	0.05	0.02	58.83	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	5	0.06	0.06	0.09	0.12	0.22	0.10	0.05	0.02	55.19	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.11	9	0.06	0.06	0.06	0.06	0.12	0.06	0.02	0.01	33.42	n.a.	(-)	
	switch	10	0.11	9	0.06	0.06	0.06	0.06	0.12	0.06	0.02	0.01	33.42	n.a.	(-)	(-)
6M	Sham	9	0.11	9	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	5	0.06	0.06	0.09	0.14	0.32	0.11	0.08	0.03	72.56	+		
	THS2.2	10	0.11	7	0.06	0.06	0.06	0.13	0.14	0.08	0.04	0.01	49.74	(-)	(-)	
	cess	10	0.11	9	0.06	0.06	0.06	0.06	0.24	0.07	0.06	0.02	79.59	(-)	(-)	
	switch	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.15	10	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.00	0.00			
	3R4F	10	0.15	7	0.08	0.08	0.08	0.16	0.34	0.13	0.10	0.03	74.76	n.a.		
	THS2.2	10	0.15	10	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.15	9	0.08	0.08	0.08	0.08	0.16	0.08	0.03	0.01	32.19	n.a.	(-)	
	switch	10	0.15	10	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-5 (IL-5) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.02	-0.04	0.01	.	0.1679	0.4703	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.02	-0.01	0.04	.	0.1679	0.4812	n.a.
2M	Sham	3R4F	-0.03	-0.07	0.01	.	0.0874	0.2107	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.03	-0.01	0.07	.	0.0874	0.2039	n.a.
3M	Sham	3R4F	-0.04	-0.08	-0.00	.	0.0340	0.0344	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.01	-0.02	0.01	.	0.3434	1.0000	n.a.
	Sham	switch	-0.01	-0.02	0.01	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.04	0.00	0.08	.	0.0340	0.0331	n.a.
	3R4F	cess	0.04	-0.00	0.08	0.0001	0.0725	0.1245	(-)
	3R4F	switch	0.04	-0.00	0.08	0.0001	0.0725	0.1225	(-)
	cess	switch	0.00	-0.02	0.02	0.0001	1.0000	1.0000	(-)
6M	Sham	3R4F	-0.06	-0.12	-0.00	0.0001	0.0498	0.0327	+
	Sham	THS2.2	-0.02	-0.05	0.00	0.0002	0.0817	0.2061	(-)
	Sham	cess	-0.02	-0.06	0.02	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.04	-0.03	0.10	0.0002	0.2507	0.3898	(-)
	3R4F	cess	0.04	-0.03	0.11	0.0001	0.2200	0.1199	(-)
	3R4F	switch	0.06	0.00	0.12	.	0.0498	0.0328	n.a.
	cess	switch	0.02	-0.02	0.06	.	0.3434	1.0000	n.a.
8M	Sham	3R4F	-0.05	-0.12	0.02	.	0.1121	0.2085	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.01	-0.03	0.01	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.05	-0.02	0.12	.	0.1121	0.2113	n.a.
	3R4F	cess	0.05	-0.02	0.11	0.0001	0.1830	0.3425	(-)
	3R4F	switch	0.05	-0.02	0.12	.	0.1121	0.2141	n.a.
	cess	switch	0.01	-0.01	0.03	.	0.3434	1.0000	n.a.


Interleukin-6 (IL-6) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-6 (IL-6) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-6 (IL-6) (pg/mL)
BALF-MAP

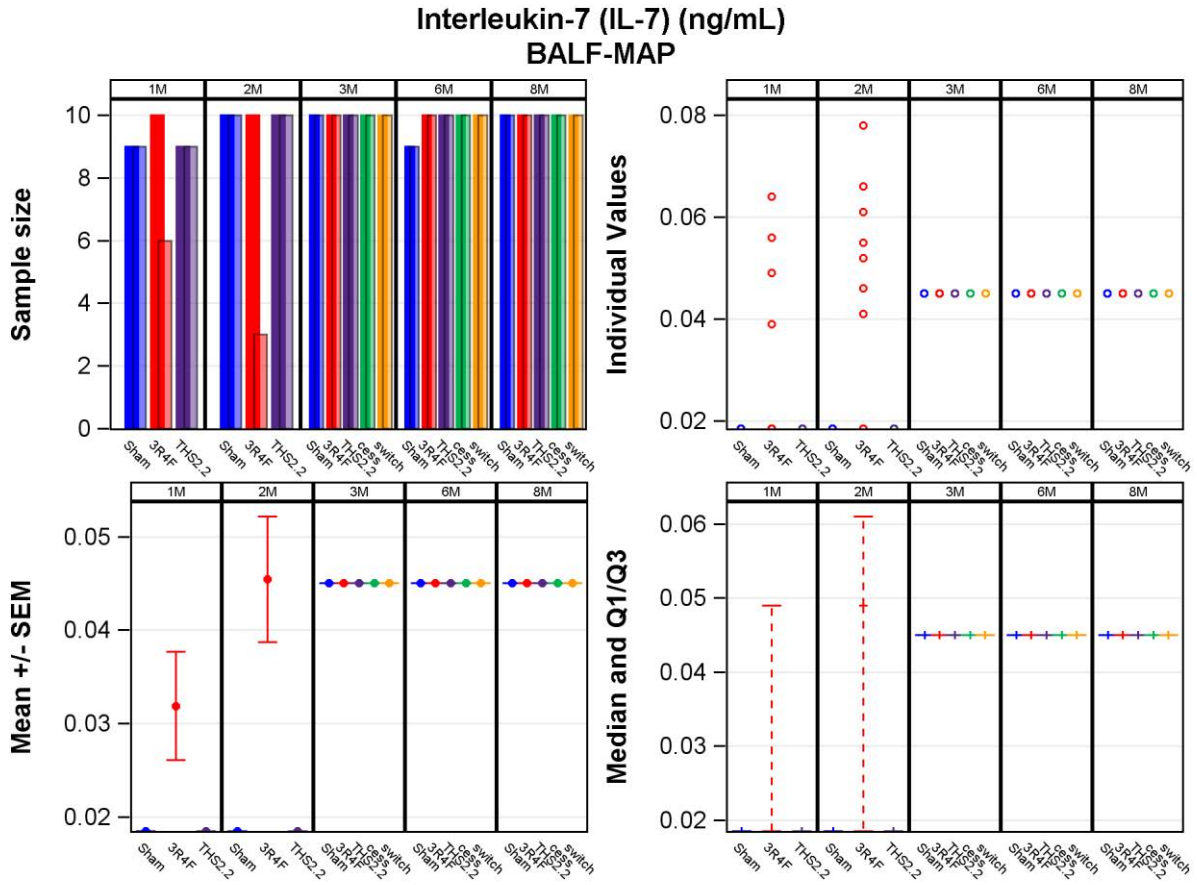
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.87	9	0.44	0.44	0.44	0.44	0.65	0.46	0.07	0.02	14.89			
	3R4F	10	0.87	2	0.44	1.30	2.05	3.00	4.30	2.09	1.22	0.39	58.43	+++		
	THS2.2	10	0.87	9	0.44	0.44	0.44	0.44	0.65	0.46	0.07	0.02	14.89	(-)	++	
2M	Sham	10	0.87	10	0.44	0.44	0.44	0.44	0.44	0.44	0.00	0.00	0.00			
	3R4F	10	0.87	0	1.20	1.60	2.10	2.70	4.60	2.41	1.09	0.35	45.35	n.a.		
	THS2.2	10	0.87	10	0.44	0.44	0.44	0.44	0.44	0.44	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00			
	3R4F	10	1.30	0	1.30	2.70	5.25	6.50	7.40	4.59	2.21	0.70	48.22	n.a.		
	THS2.2	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	1.30	9	0.65	0.65	0.65	0.65	1.40	0.73	0.24	0.08	32.71	n.a.	+++	n.a.
6M	Sham	9	1.30	9	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00			
	3R4F	10	1.30	2	0.65	1.90	3.45	4.20	10.00	3.71	2.72	0.86	73.30	++		
	THS2.2	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	1.30	9	0.65	0.65	0.65	0.65	1.40	0.73	0.24	0.08	32.71	(-)	+++	n.a.
8M	Sham	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00			
	3R4F	10	1.30	0	1.90	3.10	4.60	7.40	11.00	5.39	2.97	0.94	55.16	n.a.		
	THS2.2	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	1.30	10	0.65	0.65	0.65	0.65	0.65	0.65	0.00	0.00	0.00	n.a.	n.a.	n.a.

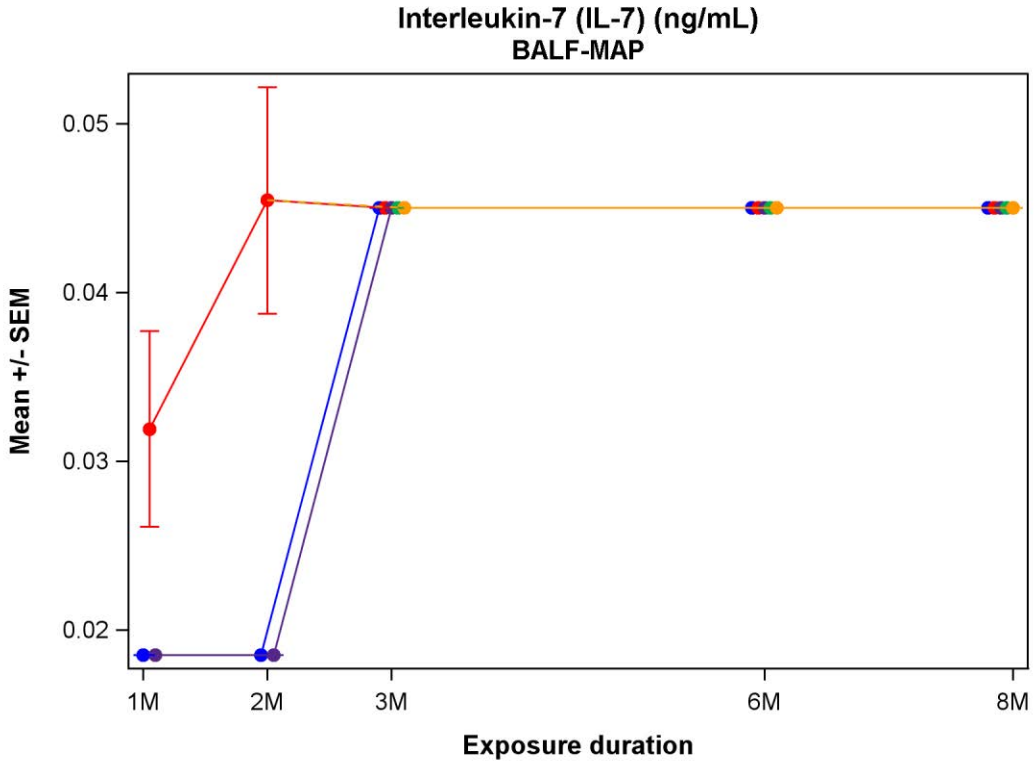
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-6 (IL-6) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.63	-2.50	-0.76	0.0012	0.0022	0.0006	+++
	Sham	THS2.2	0.00	-0.06	0.06	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	1.63	0.76	2.50	0.0012	0.0022	0.0015	++
2M	Sham	3R4F	-1.98	-2.76	-1.19	.	0.0003	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1.98	1.19	2.76	.	0.0003	<.0001	n.a.
3M	Sham	3R4F	-3.94	-5.52	-2.36	.	0.0003	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-0.07	-0.24	0.09	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	3.94	2.36	5.52	.	0.0003	<.0001	n.a.
	3R4F	cess	3.94	2.36	5.52	.	0.0003	<.0001	n.a.
	3R4F	switch	3.87	2.28	5.45	0.0111	0.0004	<.0001	+++
	cess	switch	-0.07	-0.24	0.09	.	0.3434	1.0000	n.a.
6M	Sham	3R4F	-3.06	-5.01	-1.11	0.0002	0.0061	0.0015	++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-0.07	-0.24	0.09	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	3.06	1.11	5.01	.	0.0061	0.0006	n.a.
	3R4F	cess	3.06	1.11	5.01	.	0.0061	0.0006	n.a.
	3R4F	switch	2.99	1.04	4.93	0.0001	0.0070	0.0006	+++
	cess	switch	-0.07	-0.24	0.09	.	0.3434	1.0000	n.a.
8M	Sham	3R4F	-4.74	-6.87	-2.61	.	0.0007	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	4.74	2.61	6.87	.	0.0007	<.0001	n.a.
	3R4F	cess	4.74	2.61	6.87	.	0.0007	<.0001	n.a.
	3R4F	switch	4.74	2.61	6.87	.	0.0007	<.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-7 (IL-7) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-7 (IL-7) (ng/mL)
BALF-MAP
Mean +/- SEM
0.05
0.04
0.03
0.02
1M
2M
3M
6M
8M
Exposure duration

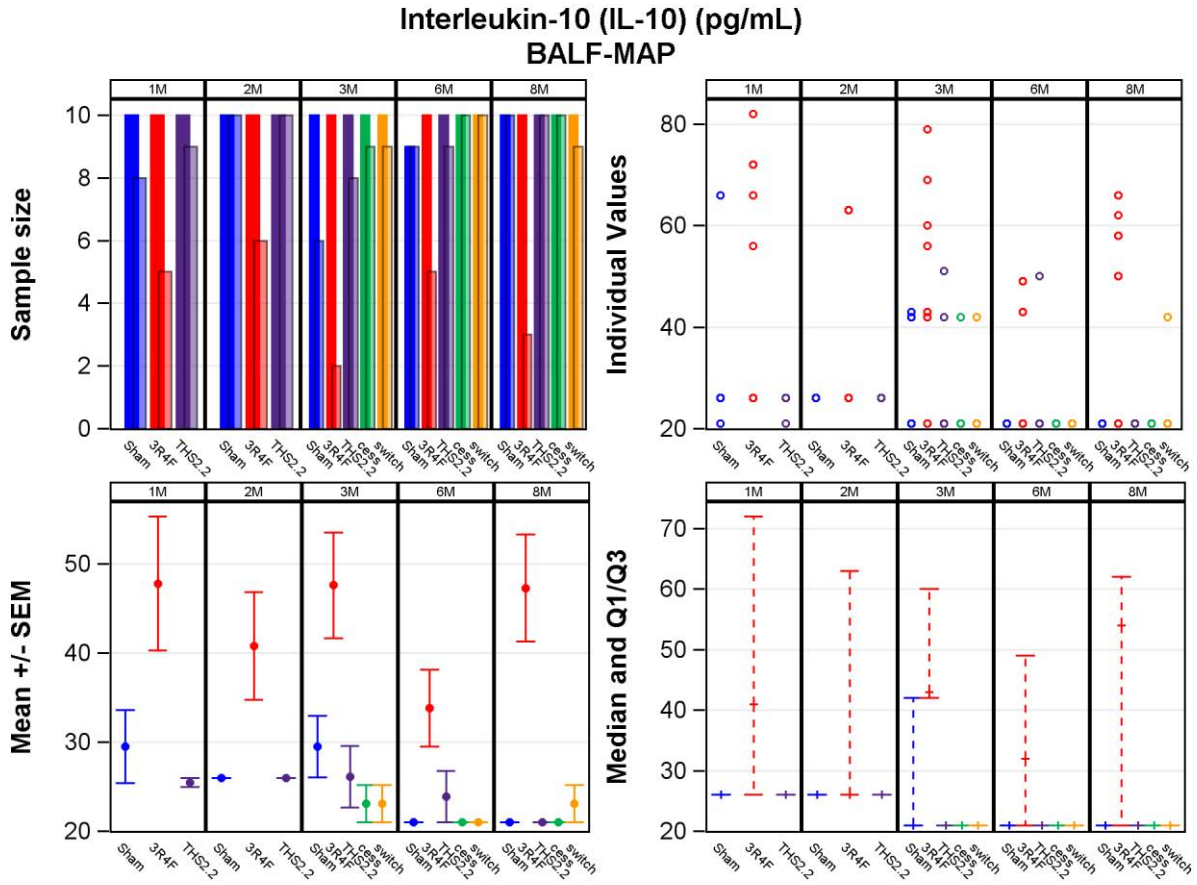
Interleukin-7 (IL-7) (ng/mL)
BALF-MAP

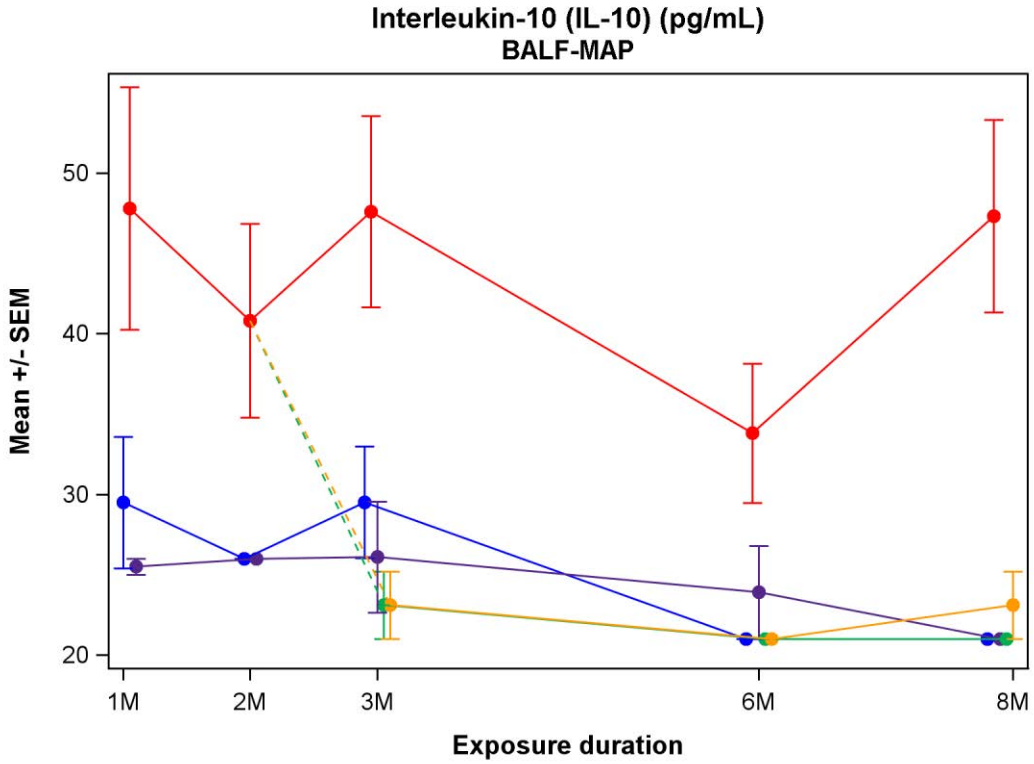
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	9	0.04	9	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	6	0.02	0.02	0.02	0.05	0.06	0.03	0.02	0.01	57.53	(-)		
	THS2.2	9	0.04	9	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	(-)	
2M	Sham	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	3	0.02	0.02	0.05	0.06	0.08	0.05	0.02	0.01	46.71	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00			
	3R4F	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.09	9	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00			
	3R4F	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00			
	3R4F	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.09	10	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-7 (IL-7) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.03	-0.00	0.0024	0.0463	0.0852	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.01	0.00	0.03	0.0024	0.0463	0.0876	(-)
2M	Sham	3R4F	-0.03	-0.04	-0.01	.	0.0030	0.0030	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.03	0.01	0.04	.	0.0030	0.0034	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-10 (IL-10) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-10 (IL-10) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-10 (IL-10) (pg/mL)
BALF-MAP

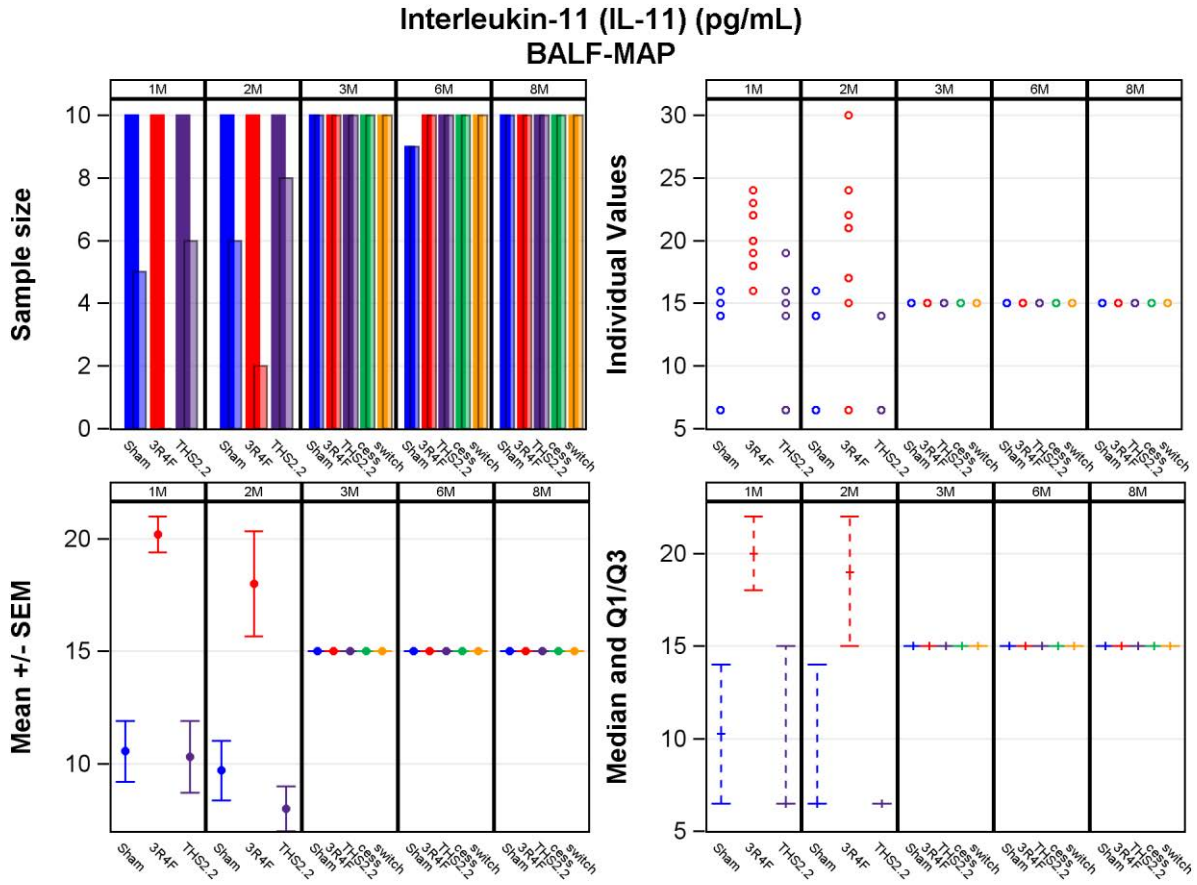
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	52.00	8	21.00	26.00	26.00	26.00	66.00	29.50	12.92	4.09	43.80			
	3R4F	10	52.00	5	26.00	26.00	41.00	72.00	82.00	47.80	23.84	7.54	49.88	+		
	THS2.2	10	52.00	9	21.00	26.00	26.00	26.00	26.00	25.50	1.58	0.50	6.20	(-)	+	
2M	Sham	10	52.00	10	26.00	26.00	26.00	26.00	26.00	26.00	0.00	0.00	0.00			
	3R4F	10	52.00	6	26.00	26.00	26.00	63.00	63.00	40.80	19.11	6.04	46.83	(-)		
	THS2.2	10	52.00	10	26.00	26.00	26.00	26.00	26.00	26.00	0.00	0.00	0.00	n.a.	(-)	
3M	Sham	10	42.00	6	21.00	21.00	21.00	42.00	43.00	29.50	10.98	3.47	37.21			
	3R4F	10	42.00	2	21.00	42.00	43.00	60.00	79.00	47.60	18.82	5.95	39.54	+		
	THS2.2	10	42.00	8	21.00	21.00	21.00	21.00	51.00	26.10	10.96	3.47	41.99	(-)	++	
	cess	10	42.00	9	21.00	21.00	21.00	21.00	42.00	23.10	6.64	2.10	28.75	(-)	++	
	switch	10	42.00	9	21.00	21.00	21.00	21.00	42.00	23.10	6.64	2.10	28.75	(-)	++	(-)
6M	Sham	9	42.00	9	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00			
	3R4F	10	42.00	5	21.00	21.00	32.00	49.00	49.00	33.80	13.67	4.32	40.44	+		
	THS2.2	10	42.00	9	21.00	21.00	21.00	21.00	50.00	23.90	9.17	2.90	38.37	(-)	(-)	
	cess	10	42.00	10	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00	n.a.	+	
	switch	10	42.00	10	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00	n.a.	+	n.a.
8M	Sham	10	42.00	10	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00			
	3R4F	10	42.00	3	21.00	21.00	54.00	62.00	66.00	47.30	18.96	5.99	40.08	++		
	THS2.2	10	42.00	10	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00	n.a.	++	
	cess	10	42.00	10	21.00	21.00	21.00	21.00	21.00	21.00	0.00	0.00	0.00	n.a.	++	
	switch	10	42.00	9	21.00	21.00	21.00	21.00	42.00	23.10	6.64	2.10	28.75	(-)	++	(-)

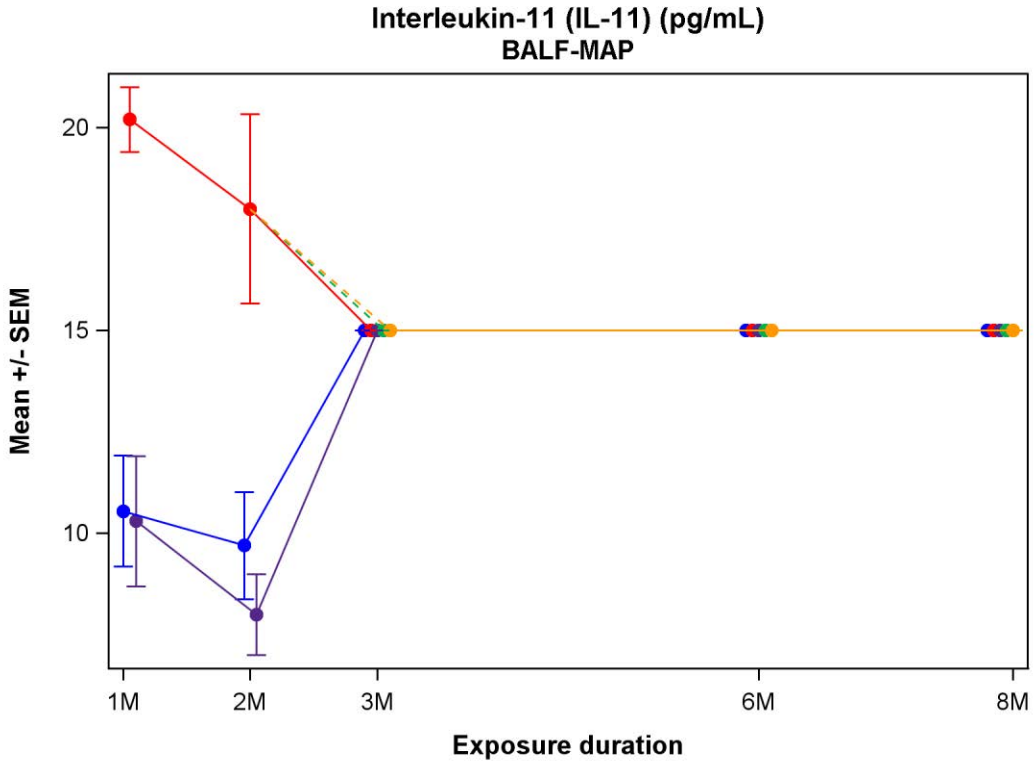
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-10 (IL-10) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-18.30	-36.71	0.11	0.0016	0.0512	0.0479	+
	Sham	THS2.2	4.00	-5.27	13.27	0.0001	0.3559	1.0000	(-)
	3R4F	THS2.2	22.30	5.23	39.37	0.0026	0.0160	0.0224	+
2M	Sham	3R4F	-14.80	-28.47	-1.13	0.0007	0.0368	0.0900	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	14.80	1.13	28.47	0.0007	0.0368	0.0869	(-)
3M	Sham	3R4F	-18.10	-32.83	-3.37	0.0310	0.0195	0.0227	+
	Sham	THS2.2	3.40	-6.91	13.71	0.0001	0.4971	0.5921	(-)
	Sham	cess	6.40	-2.26	15.06	0.0001	0.1358	0.2476	(-)
	Sham	switch	6.40	-2.26	15.06	0.0001	0.1358	0.2435	(-)
	3R4F	THS2.2	21.50	6.77	36.23	0.0060	0.0073	0.0068	++
	3R4F	cess	24.50	10.64	38.36	0.0004	0.0025	0.0021	++
	3R4F	switch	24.50	10.64	38.36	0.0004	0.0025	0.0021	++
	cess	switch	0.00	-6.24	6.24	0.0001	1.0000	1.0000	(-)
6M	Sham	3R4F	-12.80	-22.58	-3.02	0.0068	0.0159	0.0321	+
	Sham	THS2.2	-2.90	-9.46	3.66	0.0001	0.3434	1.0000	(-)
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	9.90	-1.15	20.95	0.0010	0.0756	0.1413	(-)
	3R4F	cess	12.80	3.02	22.58	0.0045	0.0159	0.0307	+
	3R4F	switch	12.80	3.02	22.58	0.0045	0.0159	0.0328	+
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-26.30	-39.86	-12.74	0.0009	0.0018	0.0024	++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-2.10	-6.85	2.65	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	26.30	12.74	39.86	0.0009	0.0018	0.0032	++
	3R4F	cess	26.30	12.74	39.86	0.0009	0.0018	0.0036	++
	3R4F	switch	24.20	10.25	38.15	0.0099	0.0028	0.0046	++
	cess	switch	-2.10	-6.85	2.65	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-11 (IL-11) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-11 (IL-11) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-11 (IL-11) (pg/mL)
BALF-MAP

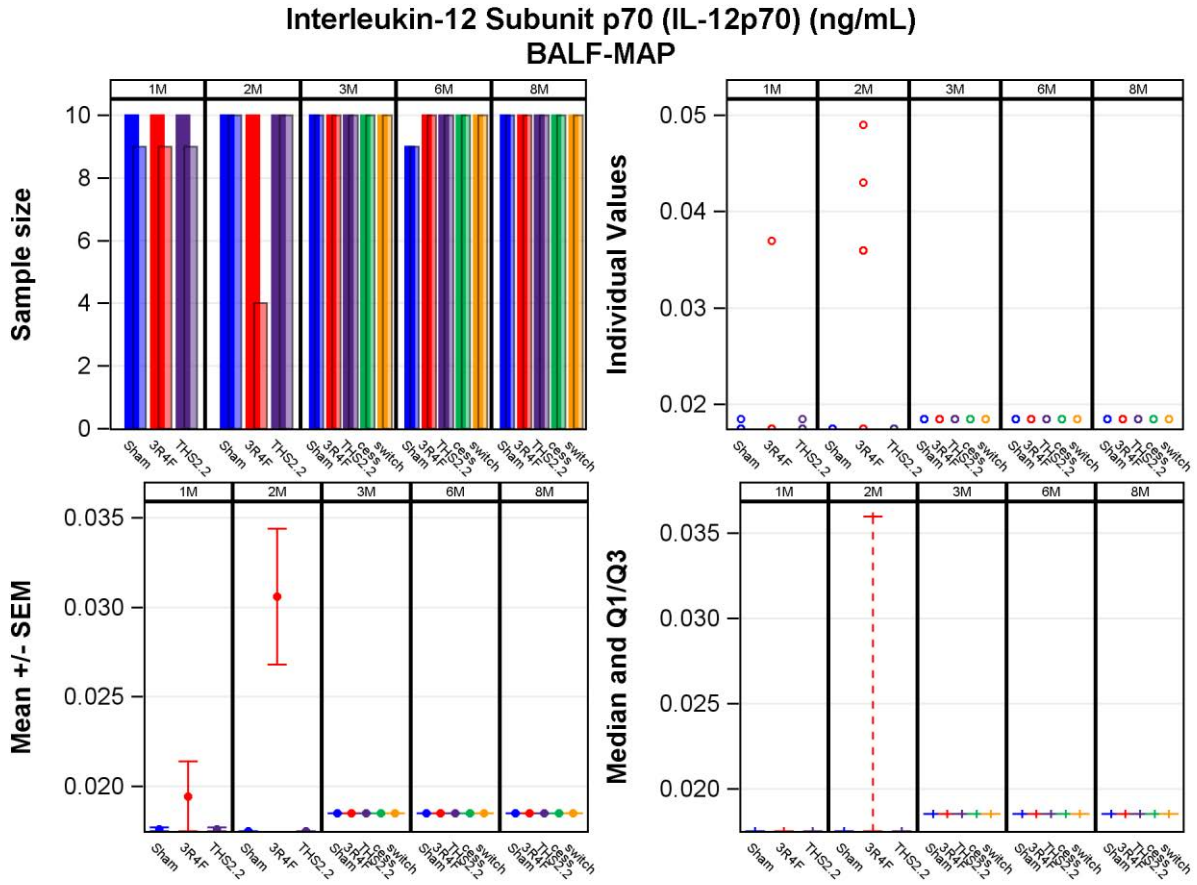
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	13.00	5	6.50	6.50	10.25	14.00	16.00	10.55	4.31	1.36	40.86			
	3R4F	10	13.00	0	16.00	18.00	20.00	22.00	24.00	20.20	2.53	0.80	12.52	+++		
	THS2.2	10	13.00	6	6.50	6.50	6.50	15.00	19.00	10.30	5.06	1.60	49.14	(-)	+++	
2M	Sham	10	13.00	6	6.50	6.50	6.50	14.00	16.00	9.70	4.17	1.32	43.00			
	3R4F	10	13.00	2	6.50	15.00	19.00	22.00	30.00	18.00	7.37	2.33	40.97	**		
	THS2.2	10	13.00	8	6.50	6.50	6.50	6.50	14.00	8.00	3.16	1.00	39.53	(-)	++	
3M	Sham	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00			
	3R4F	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	30.00	9	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00			
	3R4F	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00			
	3R4F	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	30.00	10	15.00	15.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	n.a.	n.a.	n.a.

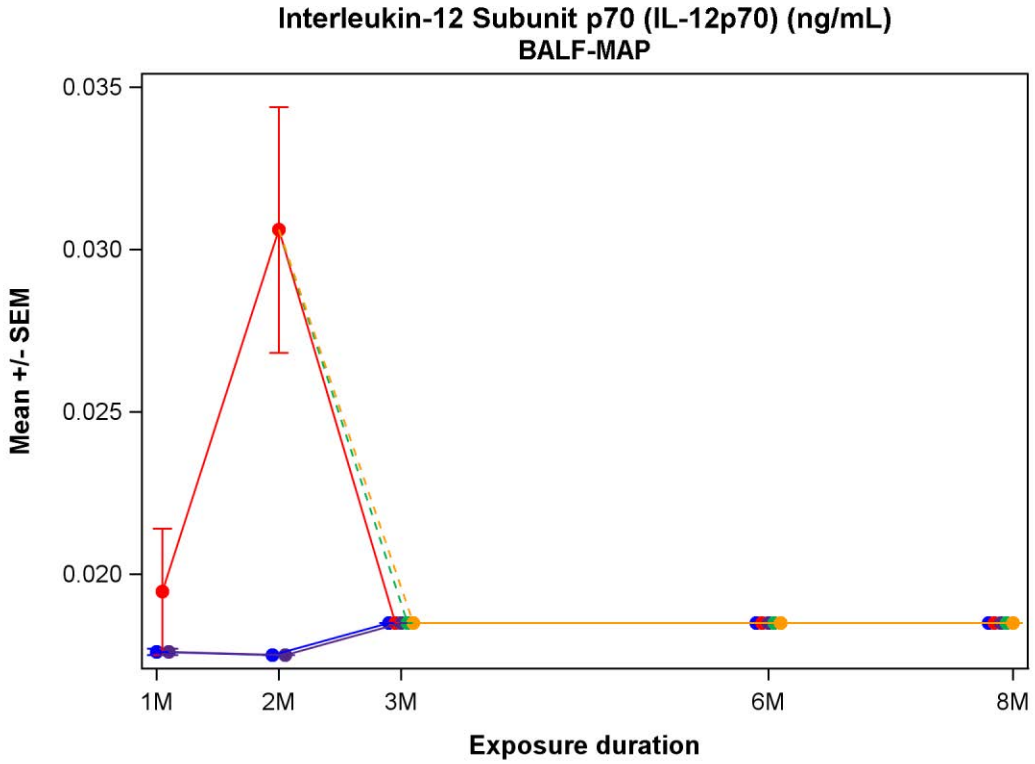
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-11 (IL-11) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-9.65	-13.03	-6.27	0.0248	<.0001	<.0001	+++
	Sham	THS2.2	0.25	-4.18	4.68	0.0005	0.9067	1.0000	(-)
	3R4F	THS2.2	9.90	6.04	13.76	0.0433	<.0001	<.0001	+++
2M	Sham	3R4F	-8.30	-14.04	-2.56	0.1678	0.0077	0.0063	**
	Sham	THS2.2	1.70	-1.80	5.20	0.0001	0.3190	0.4685	(-)
	3R4F	THS2.2	10.00	4.48	15.52	0.0153	0.0019	0.0011	++
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
BALF-MAP
Mean +/- SEM
0.035
0.030
0.025
0.020
1M
2M
3M
6M
8M
Exposure duration

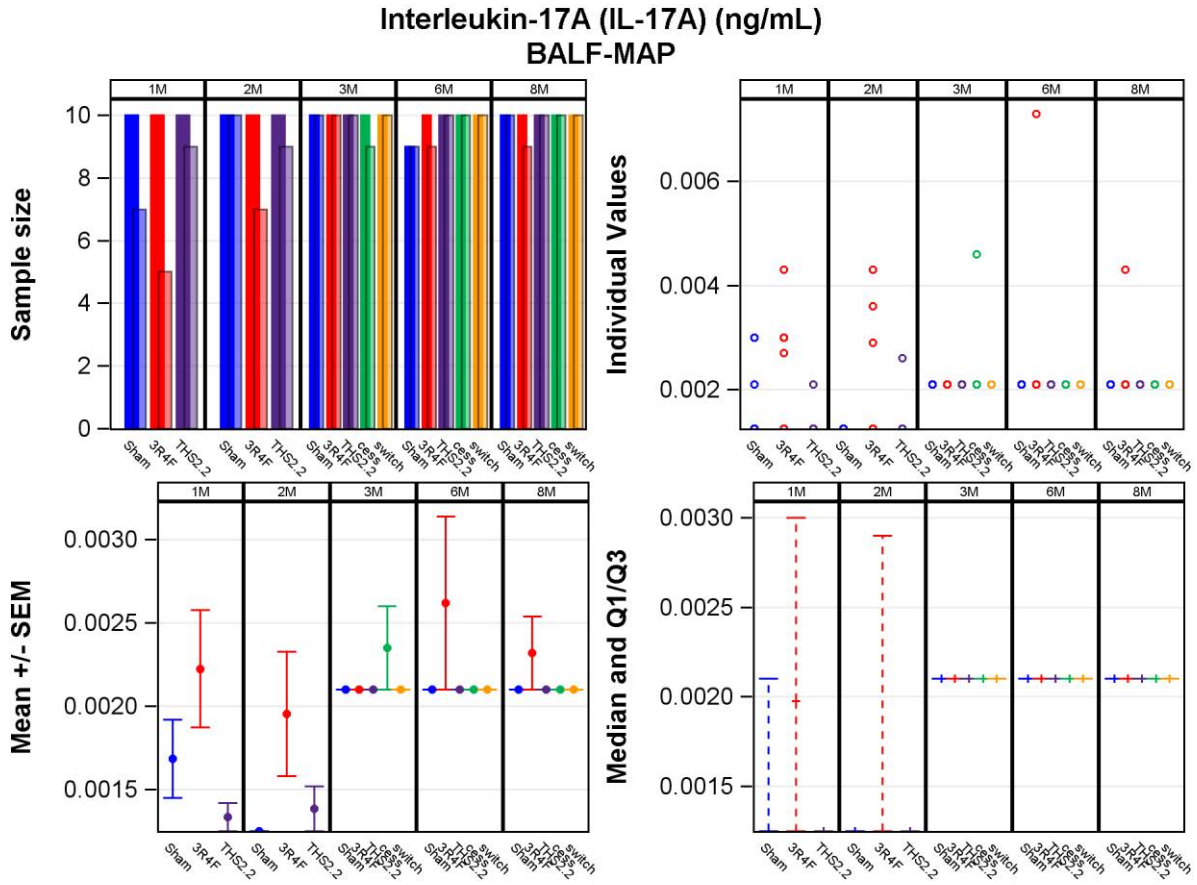
Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
BALF-MAP

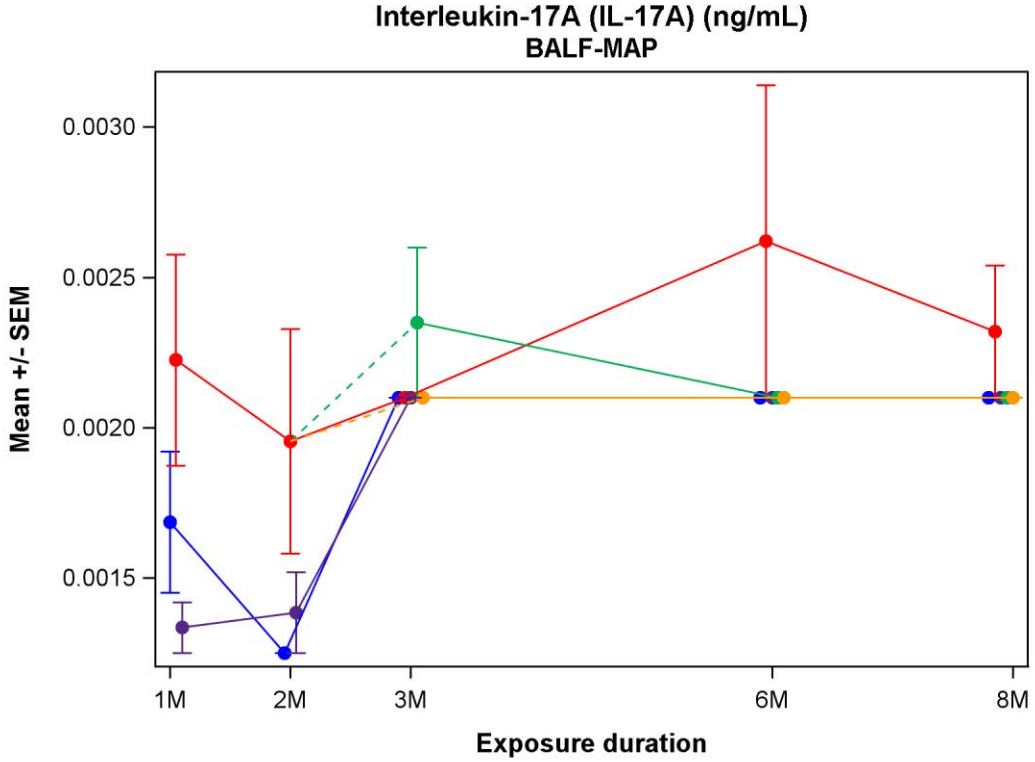
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.04	9	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	1.80			
	3R4F	10	0.04	9	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	31.70	(-)		
	THS2.2	10	0.04	9	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	1.80	(-)	(-)	
2M	Sham	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	4	0.02	0.02	0.04	0.04	0.05	0.03	0.01	0.00	39.21	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.04	9	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.00	-0.01	0.00	0.0001	0.3680	1.0000	(-)
	Sham	THS2.2	0.00	-0.00	0.00	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.00	-0.00	0.01	0.0001	0.3680	1.0000	(-)
2M	Sham	3R4F	-0.01	-0.02	-0.00	.	0.0072	0.0108	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.01	0.00	0.02	.	0.0072	0.0104	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-17A (IL-17A) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-17A (IL-17A) (ng/mL)
BALF-MAP
Mean +/- SEM
0.0030
0.0025
0.0020
0.0015
1M
2M
3M
6M
8M
Exposure duration

Interleukin-17A (IL-17A) (ng/mL)
BALF-MAP

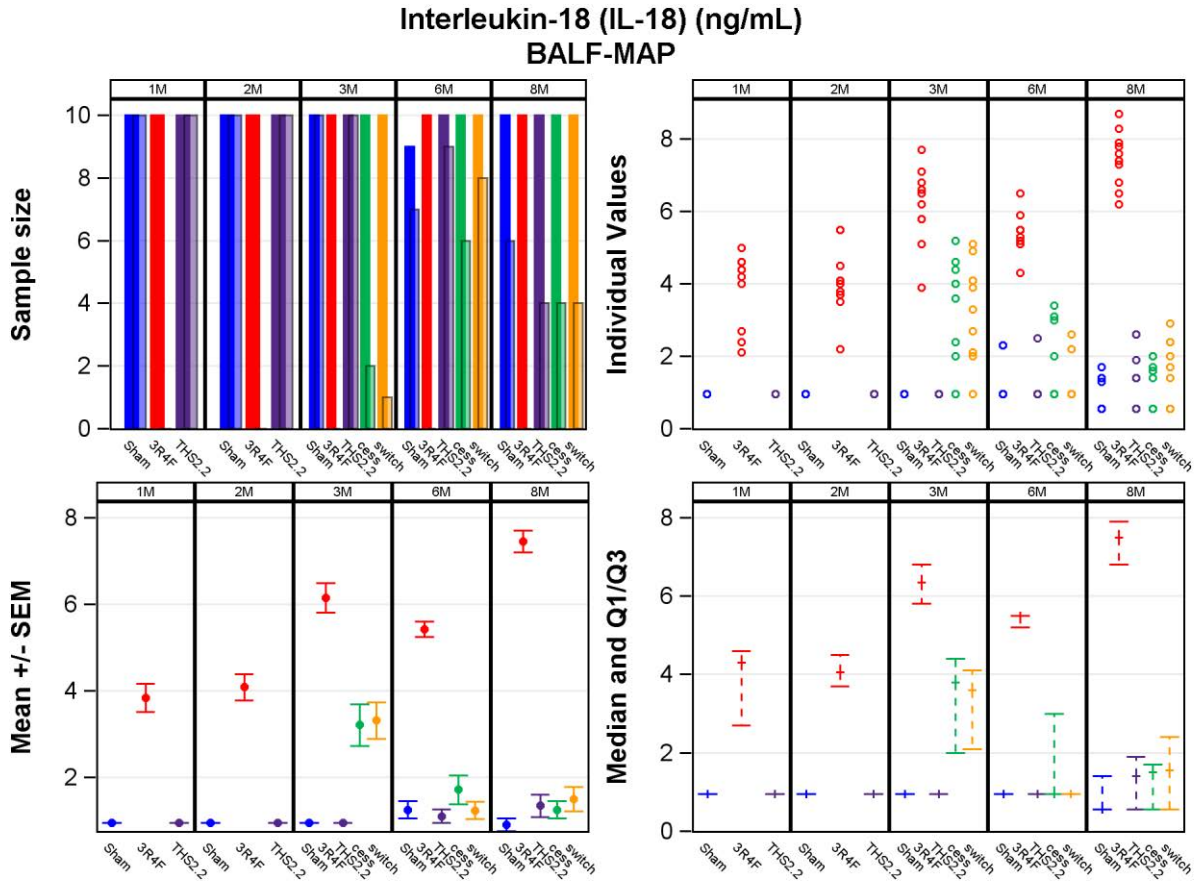
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.04			
	3R4F	10	0.00	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.88	(-)		
	THS2.2	10	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.13	(-)	+	
2M	Sham	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.00	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.47	n.a.		
	THS2.2	10	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.82	n.a.	(-)	
3M	Sham	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.64	n.a.	n.a.	
	switch	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.00	9	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	62.76	(-)		
	THS2.2	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.99	n.a.		
	THS2.2	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	n.a.	n.a.	n.a.

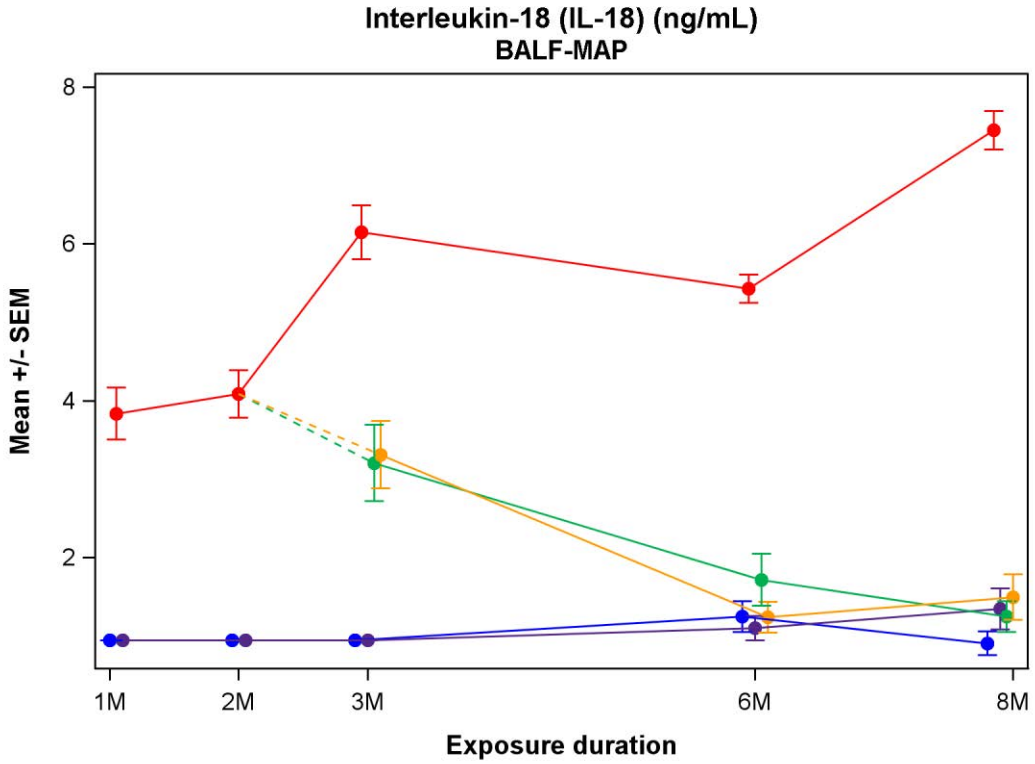
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-17A (IL-17A) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.00	-0.00	0.00	0.0008	0.2194	0.3117	(-)
	Sham	THS2.2	0.00	-0.00	0.00	0.0001	0.1876	0.3302	(-)
	3R4F	THS2.2	0.00	0.00	0.00	0.0004	0.0333	0.0356	+
2M	Sham	3R4F	-0.00	-0.00	0.00	.	0.0919	0.2119	n.a.
	Sham	THS2.2	-0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	-0.00	0.00	0.0001	0.1786	0.2168	(-)
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
6M	Sham	3R4F	-0.00	-0.00	0.00	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	cess	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	cess	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-18 (IL-18) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-18 (IL-18) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-18 (IL-18) (ng/mL)
BALF-MAP

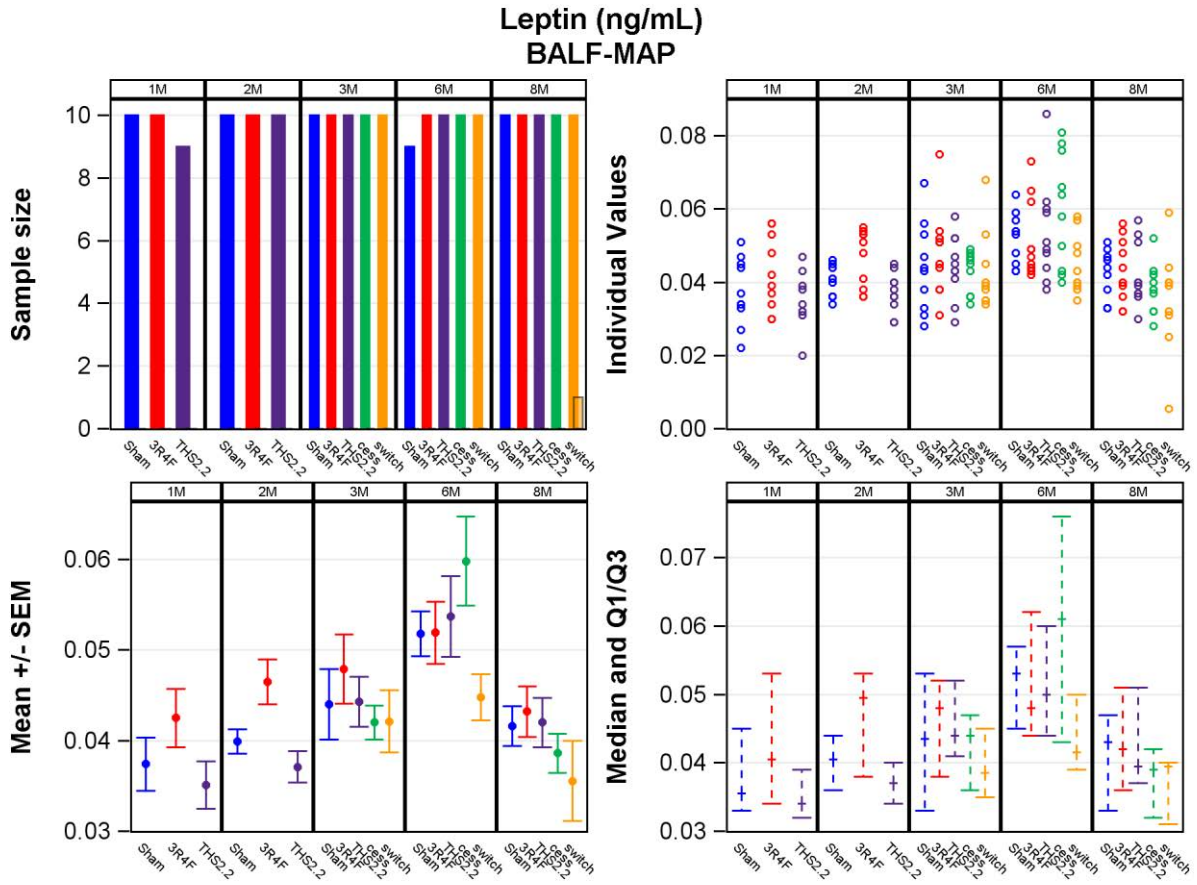
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00			
	3R4F	10	1.90	0	2.10	2.70	4.30	4.60	5.00	3.84	1.04	0.33	27.01	+++		
	THS2.2	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00	n.a.	+++	
2M	Sham	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00			
	3R4F	10	1.90	0	2.20	3.70	4.05	4.50	5.50	4.09	0.96	0.30	23.49	+++		
	THS2.2	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00	n.a.	+++	
3M	Sham	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00			
	3R4F	10	1.90	0	3.90	5.80	6.35	6.80	7.70	6.15	1.08	0.34	17.53	+++		
	THS2.2	10	1.90	10	0.95	0.95	0.95	0.95	0.95	0.95	0.00	0.00	0.00	n.a.	+++	
	cess	10	1.90	2	0.95	2.00	3.80	4.40	5.20	3.21	1.53	0.48	47.64	+++	***	
	switch	10	1.90	1	0.95	2.10	3.60	4.10	5.10	3.32	1.35	0.43	40.78	+++	***	-
6M	Sham	9	1.90	7	0.95	0.95	0.95	0.95	2.30	1.25	0.60	0.20	47.62			
	3R4F	10	1.90	0	4.30	5.20	5.50	5.50	6.50	5.43	0.56	0.18	10.35	+++		
	THS2.2	10	1.90	9	0.95	0.95	0.95	0.95	2.50	1.11	0.49	0.16	44.36	(-)	+++	
	cess	10	1.90	6	0.95	0.95	0.95	3.00	3.40	1.72	1.05	0.33	61.29	(-)	***	
	switch	10	1.90	8	0.95	0.95	0.95	0.95	2.60	1.24	0.62	0.20	49.89	(-)	+++	(-)
8M	Sham	10	1.10	6	0.55	0.55	0.55	1.40	1.70	0.91	0.48	0.15	52.24			
	3R4F	10	1.10	0	6.20	6.80	7.50	7.90	8.70	7.45	0.78	0.25	10.54	***		
	THS2.2	10	1.10	4	0.55	0.55	1.40	1.90	2.60	1.35	0.82	0.26	60.46	(-)	***	
	cess	10	1.10	4	0.55	0.55	1.50	1.70	2.00	1.25	0.63	0.20	50.28	(-)	***	
	switch	10	1.10	4	0.55	0.55	1.55	2.40	2.90	1.50	0.91	0.29	60.82	(-)	***	(-)

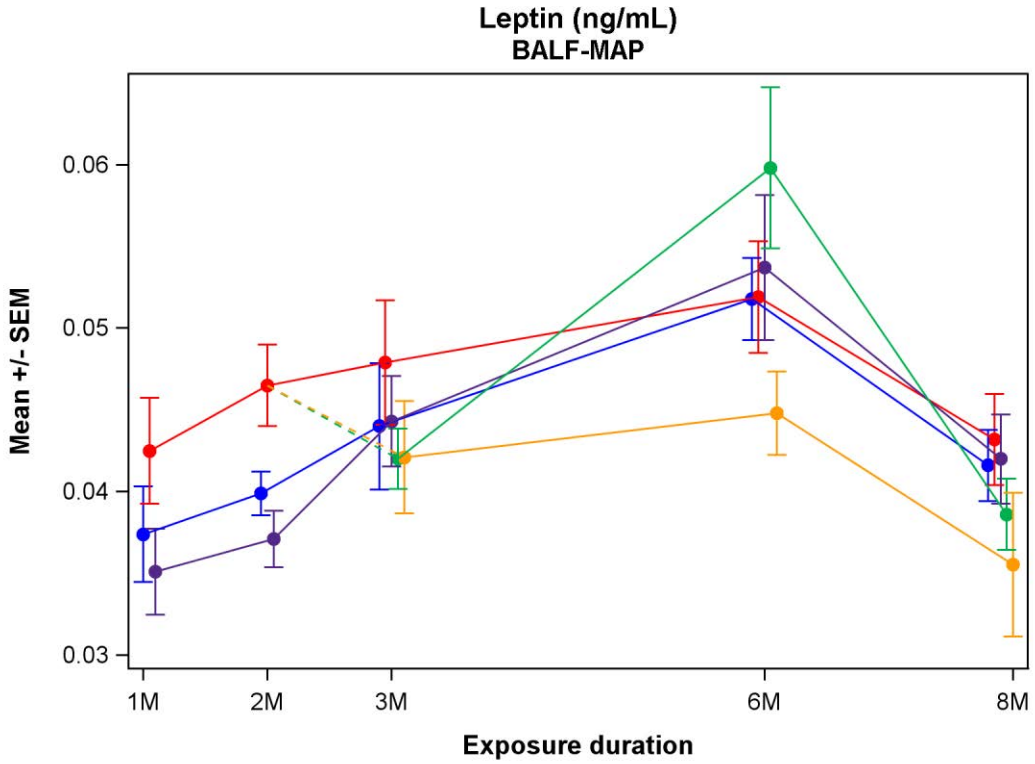
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-18 (IL-18) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-2.89	-3.63	-2.15	0.0029	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	2.89	2.15	3.63	0.0029	<.0001	<.0001	+++
2M	Sham	3R4F	-3.14	-3.83	-2.45	0.0001	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	3.14	2.45	3.83	0.0001	<.0001	<.0001	+++
3M	Sham	3R4F	-5.20	-5.97	-4.43	0.0018	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-2.26	-3.35	-1.17	0.0229	0.0012	0.0008	+++
	Sham	switch	-2.37	-3.33	-1.40	0.0167	0.0004	0.0001	+++
	3R4F	THS2.2	5.20	4.43	5.97	0.0018	<.0001	<.0001	+++
	3R4F	cess	2.94	1.69	4.19	0.3795	0.0001	0.0002	***
	3R4F	switch	2.84	1.68	3.99	0.4820	<.0001	0.0005	***
	cess	switch	-0.11	-1.46	1.25	0.1490	0.8726	0.9283	-
6M	Sham	3R4F	-4.18	-4.74	-3.62	0.0053	<.0001	<.0001	+++
	Sham	THS2.2	0.15	-0.39	0.68	0.0001	0.5729	0.8488	(-)
	Sham	cess	-0.47	-1.30	0.36	0.0001	0.2451	0.3501	(-)
	Sham	switch	0.01	-0.58	0.60	0.0001	0.9718	0.8612	(-)
	3R4F	THS2.2	4.33	3.83	4.82	0.0002	<.0001	<.0001	+++
	3R4F	cess	3.71	2.90	4.52	0.1509	<.0001	<.0001	***
	3R4F	switch	4.19	3.63	4.75	0.0030	<.0001	<.0001	+++
	cess	switch	0.48	-0.35	1.31	0.0001	0.2339	0.2728	(-)
8M	Sham	3R4F	-6.54	-7.16	-5.92	0.1184	<.0001	<.0001	***
	Sham	THS2.2	-0.44	-1.08	0.20	0.0033	0.1621	0.2148	(-)
	Sham	cess	-0.34	-0.87	0.19	0.0059	0.1905	0.1713	(-)
	Sham	switch	-0.59	-1.29	0.11	0.0044	0.0919	0.1357	(-)
	3R4F	THS2.2	6.10	5.35	6.85	0.2243	<.0001	<.0001	***
	3R4F	cess	6.20	5.53	6.87	0.1189	<.0001	<.0001	***
	3R4F	switch	5.95	5.15	6.75	0.2555	<.0001	<.0001	***
	cess	switch	-0.25	-0.99	0.49	0.0047	0.4857	0.5100	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Leptin (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

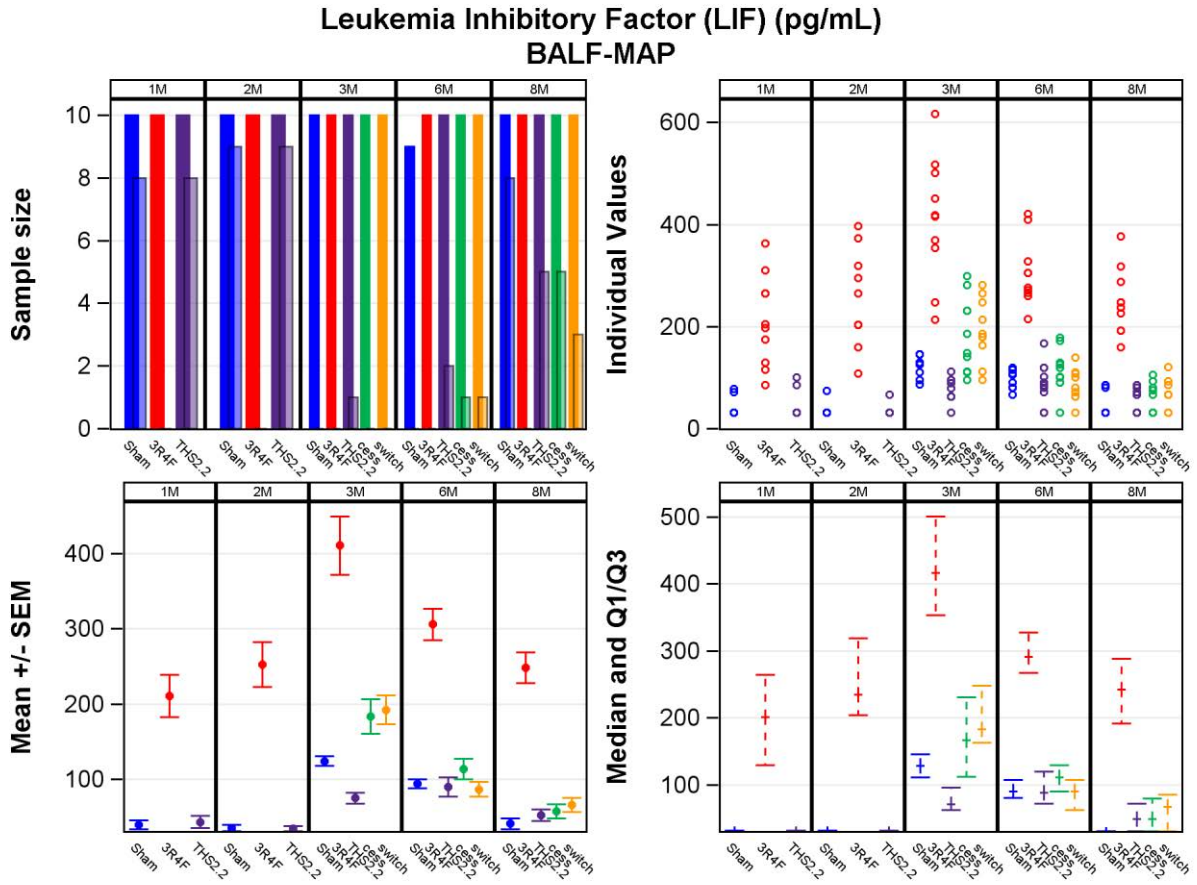

Leptin (ng/mL)
BALF-MAP
Mean +/- SEM
0.06
0.05
0.04
0.03
1M
2M
3M
6M
8M
Exposure duration

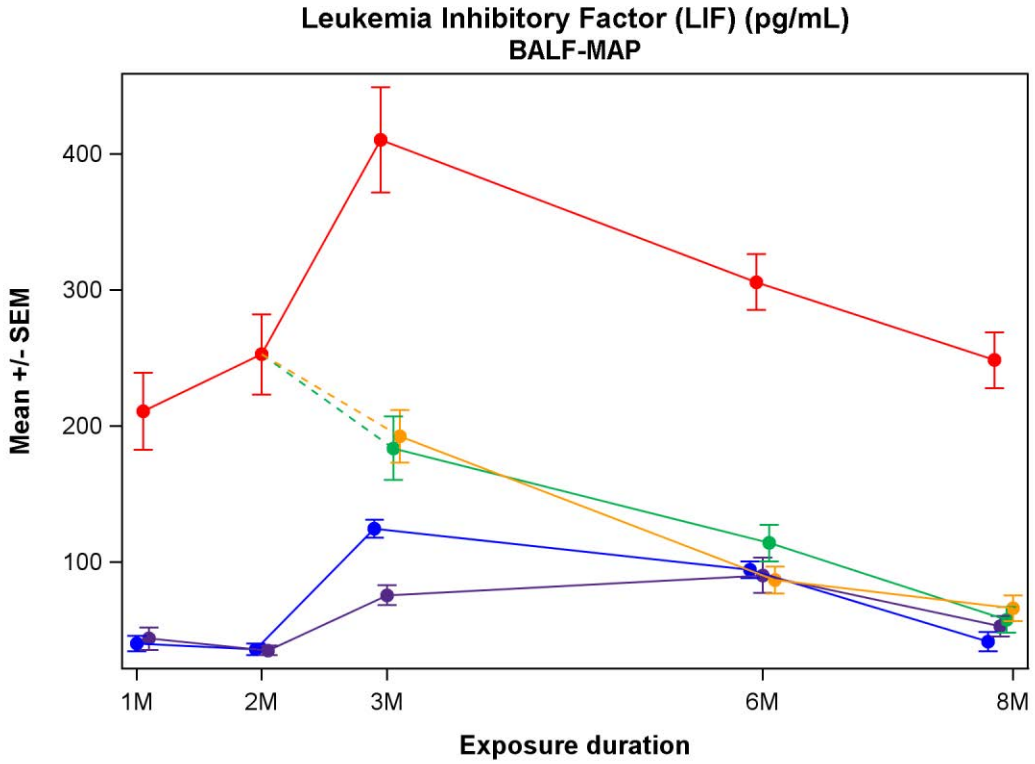
Leptin (ng/mL)
BALF-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	0	0.02	0.03	0.04	0.05	0.05	0.04	0.01	0.00	24.67			
	3R4F	10	0.01	0	0.03	0.03	0.04	0.05	0.06	0.04	0.01	0.00	23.95	-		
	THS2.2	9	0.01	0	0.02	0.03	0.03	0.04	0.05	0.04	0.01	0.00	22.36	-	-	
2M	Sham	10	0.01	0	0.03	0.04	0.04	0.04	0.05	0.04	0.00	0.00	10.66			
	3R4F	10	0.01	0	0.04	0.04	0.05	0.05	0.06	0.05	0.01	0.00	16.94	(-)		
	THS2.2	10	0.01	0	0.03	0.03	0.04	0.04	0.05	0.04	0.01	0.00	14.79	-	**	
3M	Sham	10	0.01	0	0.03	0.03	0.04	0.05	0.07	0.04	0.01	0.00	27.79			
	3R4F	10	0.01	0	0.03	0.04	0.05	0.05	0.08	0.05	0.01	0.00	25.22	-		
	THS2.2	10	0.01	0	0.03	0.04	0.04	0.05	0.06	0.04	0.01	0.00	19.77	-	-	
	cess	10	0.01	0	0.03	0.04	0.04	0.05	0.05	0.04	0.01	0.00	13.93	-	-	
	switch	10	0.01	0	0.03	0.04	0.04	0.05	0.07	0.04	0.01	0.00	25.79	-	(-)	-
6M	Sham	9	0.01	0	0.04	0.05	0.05	0.06	0.06	0.05	0.01	0.00	14.48			
	3R4F	10	0.01	0	0.04	0.04	0.05	0.06	0.07	0.05	0.01	0.00	20.78	-		
	THS2.2	10	0.01	0	0.04	0.04	0.05	0.06	0.09	0.05	0.01	0.00	26.12	-	(-)	
	cess	10	0.01	0	0.04	0.04	0.06	0.08	0.08	0.06	0.02	0.00	26.08	-	-	
	switch	10	0.01	0	0.04	0.04	0.04	0.05	0.06	0.04	0.01	0.00	18.01	-	(-)	*
8M	Sham	10	0.01	0	0.03	0.03	0.04	0.05	0.05	0.04	0.01	0.00	16.66			
	3R4F	10	0.01	0	0.03	0.04	0.04	0.05	0.06	0.04	0.01	0.00	20.35	-		
	THS2.2	10	0.01	0	0.03	0.04	0.04	0.05	0.06	0.04	0.01	0.00	20.60	-	-	
	cess	10	0.01	0	0.03	0.03	0.04	0.04	0.05	0.04	0.01	0.00	17.83	-	-	
	switch	10	0.01	1	0.01	0.03	0.04	0.04	0.06	0.04	0.01	0.00	39.11	-	-	-

Leptin (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.01	0.00	0.2454	0.2559	0.2870	-
	Sham	THS2.2	0.00	-0.01	0.01	0.5044	0.5669	0.5029	-
	3R4F	THS2.2	0.01	-0.00	0.02	0.6220	0.0931	0.2055	-
2M	Sham	3R4F	-0.01	-0.01	-0.00	0.0360	0.0354	0.0614	(-)
	Sham	THS2.2	0.00	-0.00	0.01	0.2190	0.2194	0.2516	-
	3R4F	THS2.2	0.01	0.00	0.02	0.1128	0.0069	0.0151	**
3M	Sham	3R4F	-0.00	-0.02	0.01	0.3381	0.4823	0.5189	-
	Sham	THS2.2	-0.00	-0.01	0.01	0.9300	0.9505	0.8975	-
	Sham	cess	0.00	-0.01	0.01	0.1708	0.6486	0.9551	-
	Sham	switch	0.00	-0.01	0.01	0.0745	0.7177	0.8354	-
	3R4F	THS2.2	0.00	-0.01	0.01	0.8639	0.4562	0.6488	-
	3R4F	cess	0.01	-0.00	0.02	0.3707	0.1878	0.1700	-
	3R4F	switch	0.01	-0.00	0.02	0.0111	0.2737	0.2269	(-)
	cess	switch	-0.00	-0.01	0.01	0.2166	0.9799	0.4935	-
6M	Sham	3R4F	-0.00	-0.01	0.01	0.0919	0.9773	0.8515	-
	Sham	THS2.2	-0.00	-0.01	0.01	0.2048	0.7114	0.9545	-
	Sham	cess	-0.01	-0.02	0.00	0.1112	0.1701	0.3689	-
	Sham	switch	0.01	-0.00	0.01	0.0861	0.0674	0.0628	-
	3R4F	THS2.2	-0.00	-0.01	0.01	0.0179	0.7516	0.8988	(-)
	3R4F	cess	-0.01	-0.02	0.00	0.1054	0.2063	0.3317	-
	3R4F	switch	0.01	-0.00	0.02	0.0127	0.1142	0.0895	(-)
	cess	switch	0.02	0.00	0.03	0.1045	0.0177	0.0155	*
8M	Sham	3R4F	-0.00	-0.01	0.01	0.0593	0.6570	0.7844	-
	Sham	THS2.2	-0.00	-0.01	0.01	0.2280	0.9105	0.9863	-
	Sham	cess	0.00	-0.00	0.01	0.5202	0.3443	0.2557	-
	Sham	switch	0.01	-0.00	0.02	0.7169	0.2397	0.1730	-
	3R4F	THS2.2	0.00	-0.01	0.01	0.1283	0.7619	0.8169	-
	3R4F	cess	0.00	-0.00	0.01	0.8236	0.2100	0.2865	-
	3R4F	switch	0.01	-0.00	0.02	0.9562	0.1618	0.2221	-
	cess	switch	0.00	-0.01	0.01	0.5176	0.5448	0.6380	-


Leukemia Inhibitory Factor (LIF) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Leukemia Inhibitory Factor (LIF) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

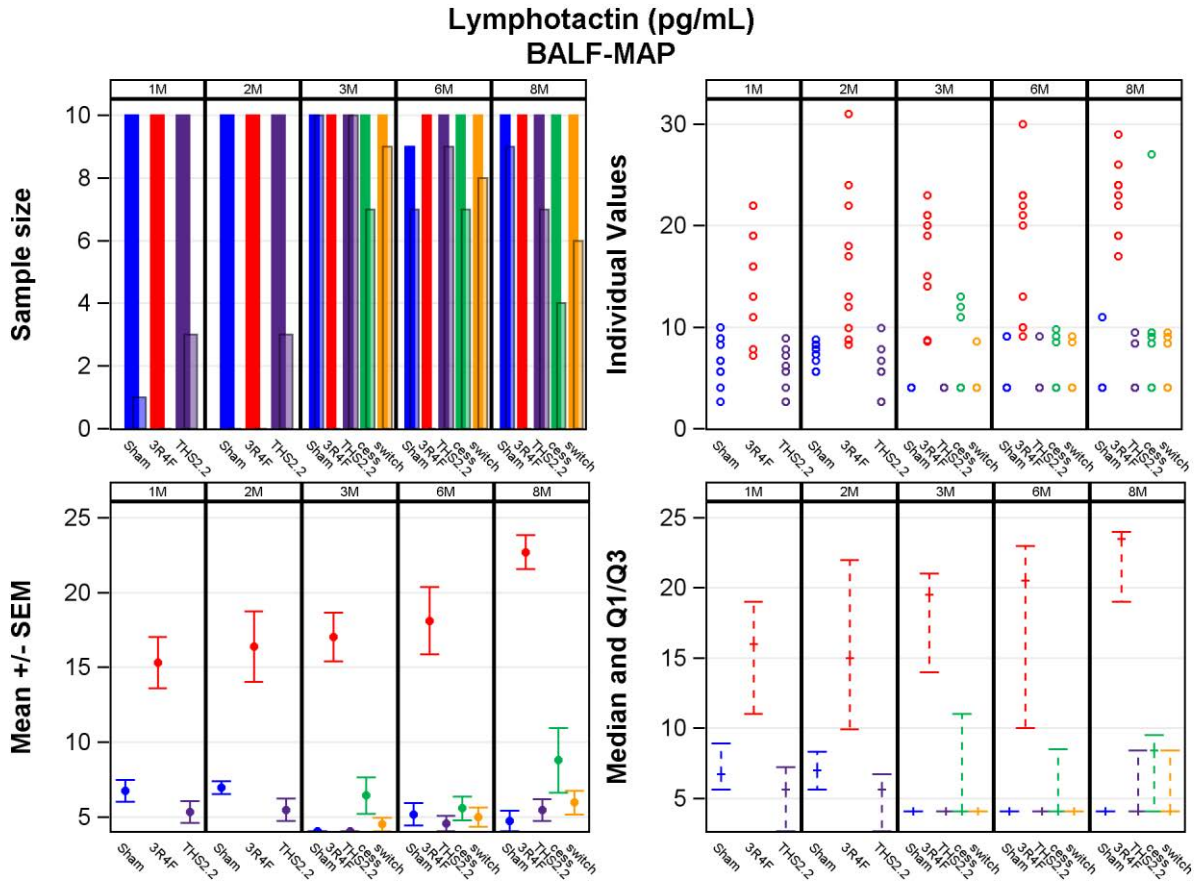
Leukemia Inhibitory Factor (LIF) (pg/mL)
BALF-MAP

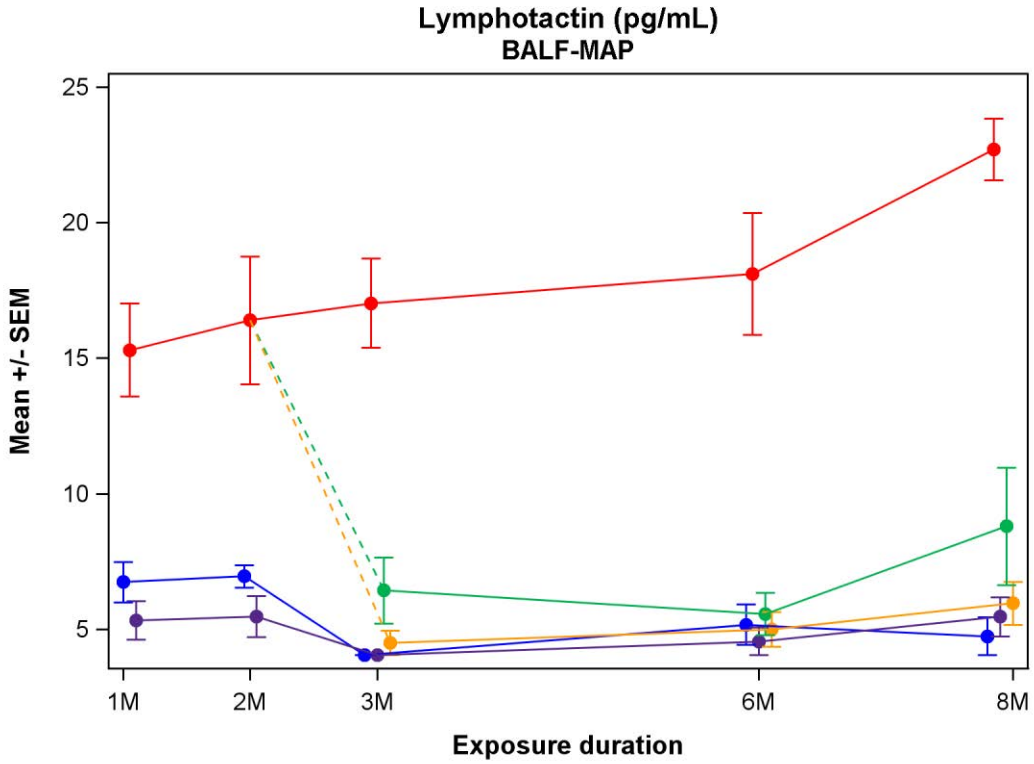
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	63.00	8	31.50	31.50	31.50	31.50	78.00	40.10	18.21	5.76	45.40			
	3R4F	10	63.00	0	85.00	130.00	201.00	265.00	363.00	211.00	89.39	28.27	42.37	+++		
	THS2.2	10	63.00	8	31.50	31.50	31.50	31.50	100.00	43.70	25.96	8.21	59.41	(-)	+++	
2M	Sham	10	63.00	9	31.50	31.50	31.50	31.50	74.00	35.75	13.44	4.25	37.59			
	3R4F	10	63.00	0	108.00	204.00	234.50	319.00	397.00	252.80	93.37	29.53	36.93	+++		
	THS2.2	10	63.00	9	31.50	31.50	31.50	31.50	67.00	35.05	11.23	3.55	32.03	(-)	+++	
3M	Sham	10	63.00	0	87.00	111.00	129.00	146.00	146.00	124.50	20.68	6.54	16.61			
	3R4F	10	63.00	0	214.00	354.00	417.00	501.00	617.00	410.60	122.15	38.63	29.75	***		
	THS2.2	10	63.00	1	31.50	63.00	71.00	96.00	112.00	75.55	23.40	7.40	30.97	***	***	
	cess	10	63.00	0	96.00	112.00	167.00	231.00	299.00	183.70	73.52	23.25	40.02	*	***	
	switch	10	63.00	0	96.00	163.00	183.00	248.00	282.00	192.60	61.31	19.39	31.83	**	***	-
6M	Sham	9	63.00	0	67.00	81.00	90.00	108.00	120.00	94.22	18.32	6.11	19.45			
	3R4F	10	63.00	0	215.00	267.00	291.00	328.00	421.00	305.90	65.41	20.69	21.38	***		
	THS2.2	10	63.00	2	31.50	72.00	88.00	120.00	167.00	90.10	41.01	12.97	45.52	-	***	
	cess	10	63.00	1	31.50	90.00	111.00	130.00	178.00	113.95	42.42	13.41	37.23	-	***	
	switch	10	63.00	1	31.50	63.00	90.50	108.00	140.00	86.85	30.93	9.78	35.61	-	***	-
8M	Sham	10	62.00	8	31.00	31.00	31.00	31.00	86.00	41.40	21.97	6.95	53.07			
	3R4F	10	62.00	0	159.00	192.00	242.50	288.00	377.00	248.50	64.92	20.53	26.13	+++		
	THS2.2	10	62.00	5	31.00	31.00	49.00	72.00	86.00	52.70	23.55	7.45	44.68	(-)	***	
	cess	10	62.00	5	31.00	31.00	49.00	80.00	106.00	57.70	29.93	9.46	51.87	(-)	***	
	switch	10	62.00	3	31.00	31.00	67.00	86.00	121.00	66.10	29.50	9.33	44.63	(-)	***	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Leukemia Inhibitory Factor (LIF) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-170.9	-235.4	-106.4	0.0075	0.0002	<.0001	+++
	Sham	THS2.2	-3.60	-24.84	17.64	0.0001	0.7242	0.7241	(-)
	3R4F	THS2.2	167.30	102.14	232.46	0.0093	0.0002	<.0001	+++
2M	Sham	3R4F	-217.1	-284.1	-150.0	0.0018	<.0001	<.0001	+++
	Sham	THS2.2	0.70	-10.96	12.36	0.0001	0.9009	1.0000	(-)
	3R4F	THS2.2	217.75	150.76	284.74	0.0018	<.0001	<.0001	+++
3M	Sham	3R4F	-286.1	-374.0	-198.2	0.3403	<.0001	<.0001	***
	Sham	THS2.2	48.95	28.18	69.72	0.2550	0.0001	0.0006	***
	Sham	cess	-59.20	-112.7	-5.67	0.6144	0.0333	0.0702	*
	Sham	switch	-68.10	-113.1	-23.08	0.2556	0.0067	0.0060	**
	3R4F	THS2.2	335.05	247.00	423.10	0.6612	<.0001	<.0001	***
	3R4F	cess	226.90	130.67	323.13	0.7082	0.0002	<.0001	***
	3R4F	switch	218.00	124.82	311.18	0.5308	0.0002	0.0002	***
	cess	switch	-8.90	-72.65	54.85	0.4385	0.7722	0.7767	-
6M	Sham	3R4F	-211.7	-259.4	-164.0	0.2216	<.0001	0.0001	***
	Sham	THS2.2	4.12	-26.91	35.16	0.6591	0.7783	0.8850	-
	Sham	cess	-19.73	-51.70	12.24	0.5695	0.2046	0.1378	-
	Sham	switch	7.37	-17.23	31.97	0.5808	0.5323	0.4851	-
	3R4F	THS2.2	215.80	163.80	267.80	0.2034	<.0001	<.0001	***
	3R4F	cess	191.95	139.53	244.37	0.2144	<.0001	<.0001	***
	3R4F	switch	219.05	169.55	268.55	0.4534	<.0001	<.0001	***
	cess	switch	27.10	-8.01	62.21	0.6929	0.1216	0.1301	-
8M	Sham	3R4F	-207.1	-254.8	-159.4	0.0017	<.0001	0.0001	+++
	Sham	THS2.2	-11.30	-32.70	10.10	0.0016	0.2819	0.3359	(-)
	Sham	cess	-16.30	-41.13	8.53	0.0011	0.1835	0.2390	(-)
	Sham	switch	-24.70	-49.28	-0.12	0.0058	0.0490	0.0543	(-)
	3R4F	THS2.2	195.80	147.90	243.70	0.0788	<.0001	<.0001	***
	3R4F	cess	190.80	141.83	239.77	0.0855	<.0001	<.0001	***
	3R4F	switch	182.40	133.51	231.29	0.1830	<.0001	<.0001	***
	cess	switch	-8.40	-36.32	19.52	0.0691	0.5353	0.6542	-


Lymphotactin (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Lymphotactin (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

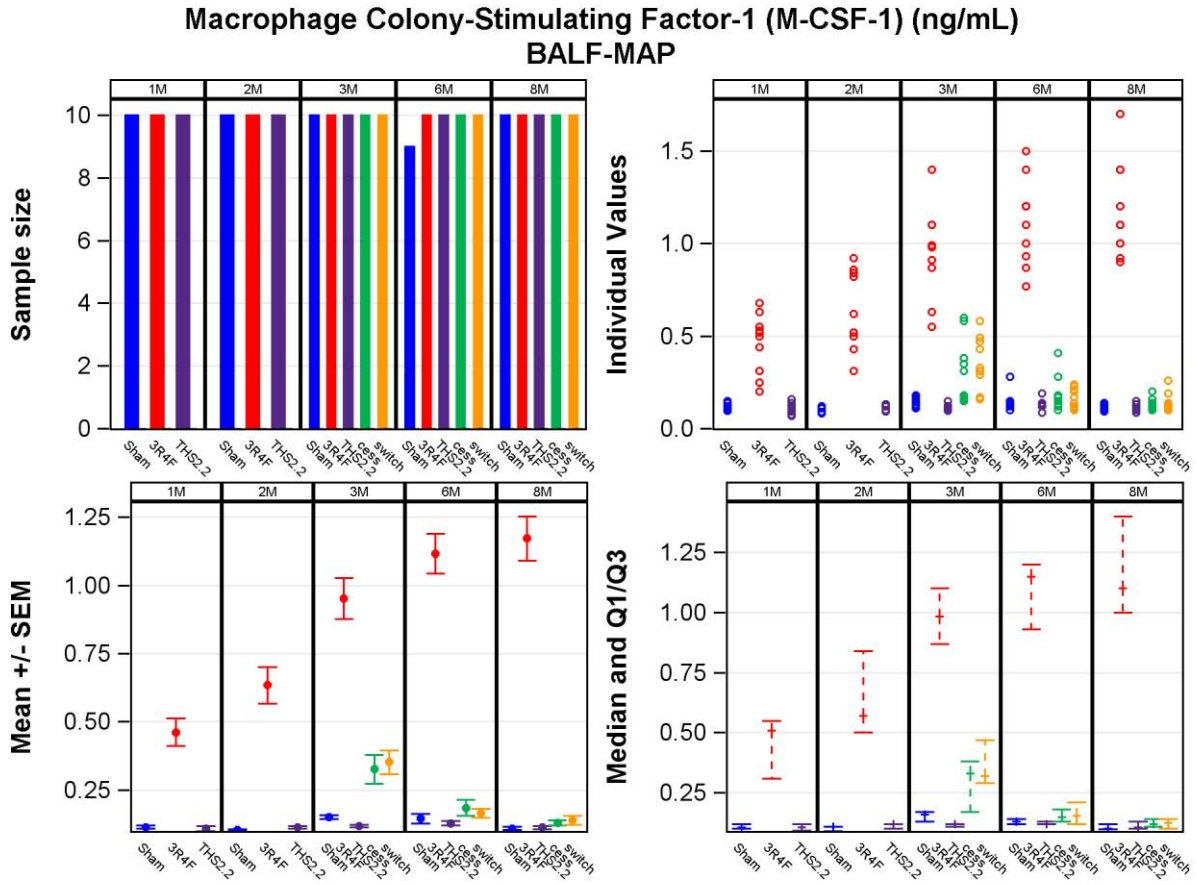
Lymphotactin (pg/mL)
BALF-MAP

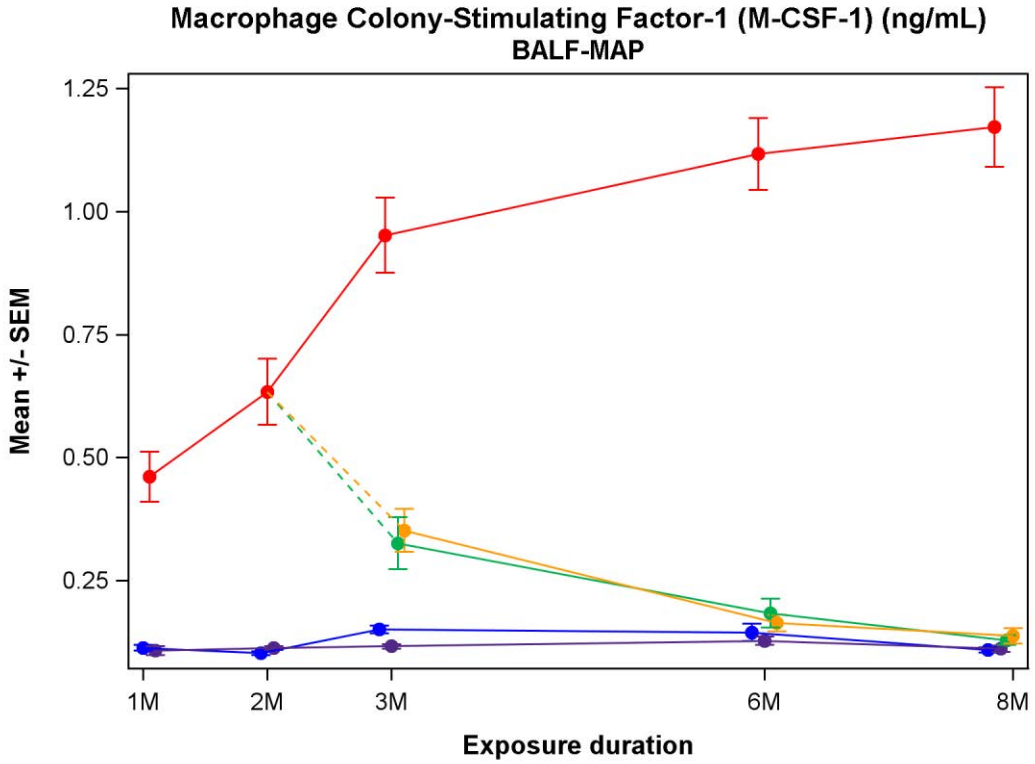
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	5.30	1	2.65	5.60	6.70	8.90	10.00	6.74	2.33	0.74	34.60			
	3R4F	10	5.30	0	7.20	11.00	16.00	19.00	22.00	15.30	5.41	1.71	35.38	***		
	THS2.2	10	5.30	3	2.65	2.65	5.60	7.20	8.90	5.33	2.27	0.72	42.61	-	***	
2M	Sham	10	5.30	0	5.60	5.60	7.00	8.30	8.80	6.96	1.30	0.41	18.71			
	3R4F	10	5.30	0	8.30	9.90	15.00	22.00	31.00	16.40	7.47	2.36	45.53	+++		
	THS2.2	10	5.30	3	2.65	2.65	5.60	6.70	9.90	5.48	2.37	0.75	43.26	-	**	
3M	Sham	10	8.10	10	4.05	4.05	4.05	4.05	4.05	4.05	0.00	0.00	0.00			
	3R4F	10	8.10	0	8.60	14.00	19.50	21.00	23.00	17.03	5.19	1.64	30.48	n.a.		
	THS2.2	10	8.10	10	4.05	4.05	4.05	4.05	4.05	4.05	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	8.10	7	4.05	4.05	4.05	11.00	13.00	6.44	3.87	1.22	60.12	n.a.	***	
	switch	10	8.10	9	4.05	4.05	4.05	4.05	8.60	4.50	1.44	0.45	31.94	n.a.	+++	(-)
6M	Sham	9	8.10	7	4.05	4.05	4.05	4.05	9.10	5.17	2.23	0.74	43.05			
	3R4F	10	8.10	0	9.10	10.00	20.50	23.00	30.00	18.11	7.11	2.25	39.27	+++		
	THS2.2	10	8.10	9	4.05	4.05	4.05	4.05	9.10	4.55	1.60	0.51	35.06	(-)	+++	
	cess	10	8.10	7	4.05	4.05	4.05	8.50	9.80	5.58	2.47	0.78	44.39	(-)	+++	
	switch	10	8.10	8	4.05	4.05	4.05	4.05	9.10	5.00	2.01	0.63	40.16	(-)	+++	(-)
8M	Sham	10	8.10	9	4.05	4.05	4.05	4.05	11.00	4.75	2.20	0.70	46.32			
	3R4F	10	8.10	0	17.00	19.00	23.50	24.00	29.00	22.70	3.59	1.14	15.82	+++		
	THS2.2	10	8.10	7	4.05	4.05	4.05	8.40	9.50	5.46	2.30	0.73	42.05	(-)	***	
	cess	10	8.10	4	4.05	4.05	8.40	9.50	27.00	8.80	6.85	2.17	77.89	(-)	***	
	switch	10	8.10	6	4.05	4.05	4.05	8.40	9.50	5.96	2.48	0.79	41.69	(-)	***	(-)

Lymphotactin (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-8.56	-12.61	-4.51	0.3130	0.0006	0.0010	***
	Sham	THS2.2	1.41	-0.75	3.57	0.4410	0.1877	0.2123	-
	3R4F	THS2.2	9.97	5.93	14.01	0.2089	0.0002	0.0002	***
2M	Sham	3R4F	-9.44	-14.81	-4.07	0.0392	0.0030	0.0001	+++
	Sham	THS2.2	1.49	-0.35	3.32	0.0619	0.1043	0.1076	-
	3R4F	THS2.2	10.93	5.46	16.39	0.1084	0.0011	<.0001	**
3M	Sham	3R4F	-12.98	-16.69	-9.27	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-2.39	-5.15	0.38	.	0.0831	0.2101	n.a.
	Sham	switch	-0.46	-1.48	0.57	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	12.98	9.27	16.69	.	<.0001	0.0001	n.a.
	3R4F	cess	10.60	6.27	14.92	0.0624	<.0001	0.0005	***
	3R4F	switch	12.53	8.75	16.30	0.0070	<.0001	<.0001	+++
	cess	switch	1.93	-0.93	4.79	0.0001	0.1663	0.2130	(-)
6M	Sham	3R4F	-12.94	-18.15	-7.72	0.0209	0.0002	0.0001	+++
	Sham	THS2.2	0.62	-1.30	2.54	0.0001	0.5027	0.5857	(-)
	Sham	cess	-0.40	-2.68	1.87	0.0001	0.7134	0.8876	(-)
	Sham	switch	0.17	-1.90	2.24	0.0001	0.8622	0.7883	(-)
	3R4F	THS2.2	13.56	8.41	18.70	0.0055	0.0002	<.0001	+++
	3R4F	cess	12.54	7.30	17.77	0.0201	0.0003	<.0001	+++
	3R4F	switch	13.11	7.93	18.29	0.0178	0.0002	<.0001	+++
	cess	switch	0.57	-1.55	2.70	0.0001	0.5756	0.6555	(-)
8M	Sham	3R4F	-17.96	-20.79	-15.12	0.0036	<.0001	<.0001	+++
	Sham	THS2.2	-0.72	-2.83	1.39	0.0001	0.4832	0.5863	(-)
	Sham	cess	-4.06	-9.07	0.96	0.0001	0.1029	0.0512	(-)
	Sham	switch	-1.21	-3.42	0.99	0.0001	0.2621	0.3021	(-)
	3R4F	THS2.2	17.24	14.37	20.10	0.0762	<.0001	0.0001	***
	3R4F	cess	13.90	8.64	19.16	0.0672	<.0001	0.0011	***
	3R4F	switch	16.74	13.81	19.67	0.1224	<.0001	<.0001	***
	cess	switch	2.84	-2.22	7.90	0.0007	0.2430	0.3191	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
BALF-MAP
Mean +/- SEM
1.25
1.00
0.75
0.50
0.25
1M
2M
3M
6M
8M
Exposure duration

Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
BALF-MAP

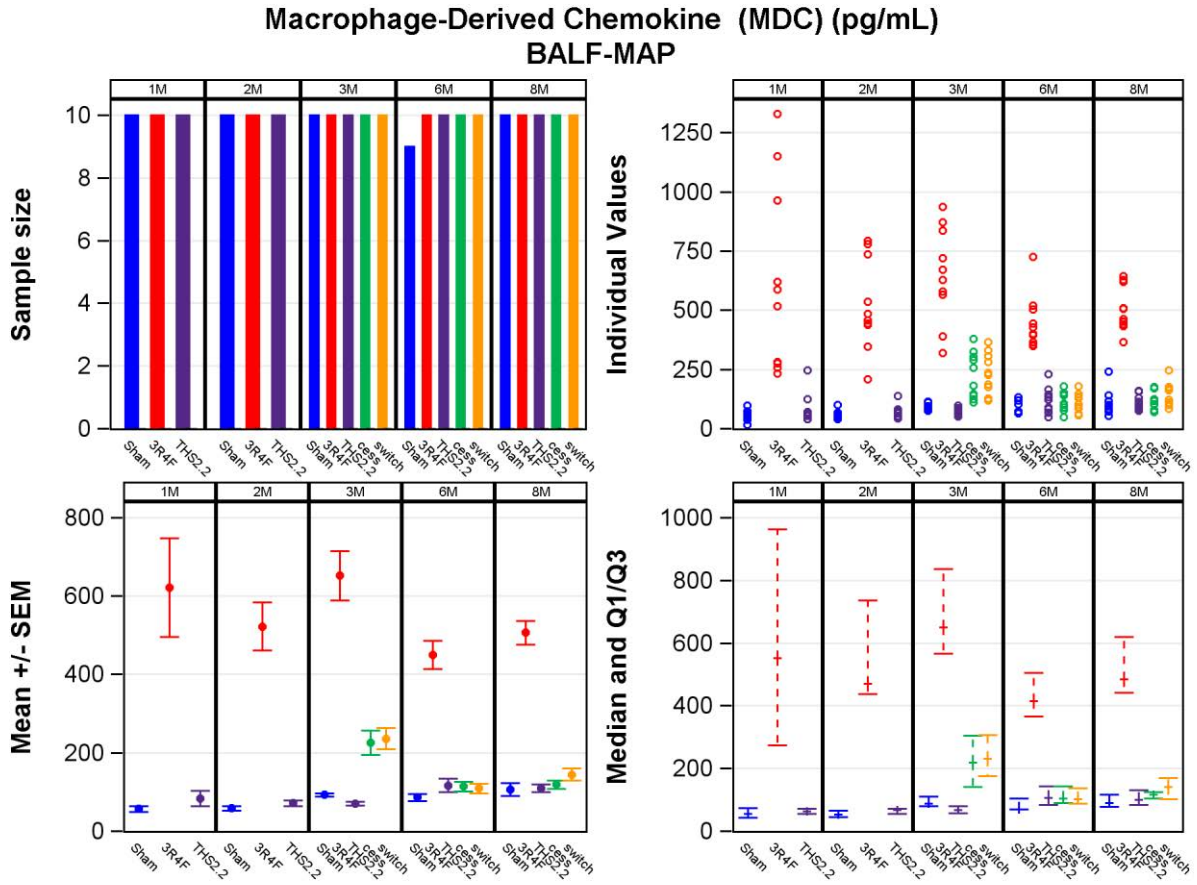
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	0	0.10	0.10	0.11	0.12	0.15	0.11	0.02	0.01	16.69			
	3R4F	10	0.01	0	0.20	0.31	0.51	0.55	0.68	0.46	0.16	0.05	34.68	***		
	THS2.2	10	0.01	0	0.07	0.09	0.11	0.12	0.16	0.11	0.03	0.01	25.48	-	***	
2M	Sham	10	0.01	0	0.08	0.09	0.11	0.11	0.12	0.10	0.01	0.00	12.18			
	3R4F	10	0.01	0	0.31	0.50	0.57	0.84	0.92	0.63	0.21	0.07	33.28	***		
	THS2.2	10	0.01	0	0.09	0.10	0.12	0.12	0.13	0.11	0.01	0.00	12.52	(-)	***	
3M	Sham	10	0.01	0	0.11	0.13	0.16	0.17	0.18	0.15	0.02	0.01	15.44			
	3R4F	10	0.01	0	0.55	0.87	0.99	1.10	1.40	0.95	0.24	0.08	25.30	***		
	THS2.2	10	0.01	0	0.10	0.11	0.12	0.12	0.15	0.12	0.01	0.00	12.38	**	***	
	cess	10	0.01	0	0.15	0.17	0.33	0.38	0.60	0.33	0.17	0.05	51.17	**	***	
	switch	10	0.01	0	0.16	0.29	0.32	0.47	0.58	0.35	0.14	0.04	39.15	**	***	-
6M	Sham	9	0.01	0	0.10	0.12	0.13	0.14	0.28	0.14	0.05	0.02	36.65			
	3R4F	10	0.01	0	0.77	0.93	1.15	1.20	1.50	1.12	0.23	0.07	20.63	***		
	THS2.2	10	0.01	0	0.09	0.12	0.12	0.13	0.19	0.13	0.03	0.01	20.21	(-)	***	
	cess	10	0.01	0	0.10	0.13	0.15	0.18	0.41	0.18	0.09	0.03	50.69	(-)	***	
	switch	10	0.01	0	0.10	0.12	0.16	0.21	0.24	0.16	0.05	0.02	32.16	(-)	***	-
8M	Sham	10	0.01	0	0.10	0.10	0.10	0.12	0.14	0.11	0.02	0.01	14.52			
	3R4F	10	0.01	0	0.90	1.00	1.10	1.40	1.70	1.17	0.26	0.08	21.86	+++		
	THS2.2	10	0.01	0	0.09	0.10	0.11	0.13	0.15	0.11	0.02	0.01	17.29	(-)	+++	
	cess	10	0.01	0	0.10	0.11	0.12	0.14	0.20	0.13	0.03	0.01	24.09	(-)	+++	
	switch	10	0.01	0	0.10	0.10	0.13	0.14	0.26	0.14	0.05	0.02	36.76	(-)	+++	(-)

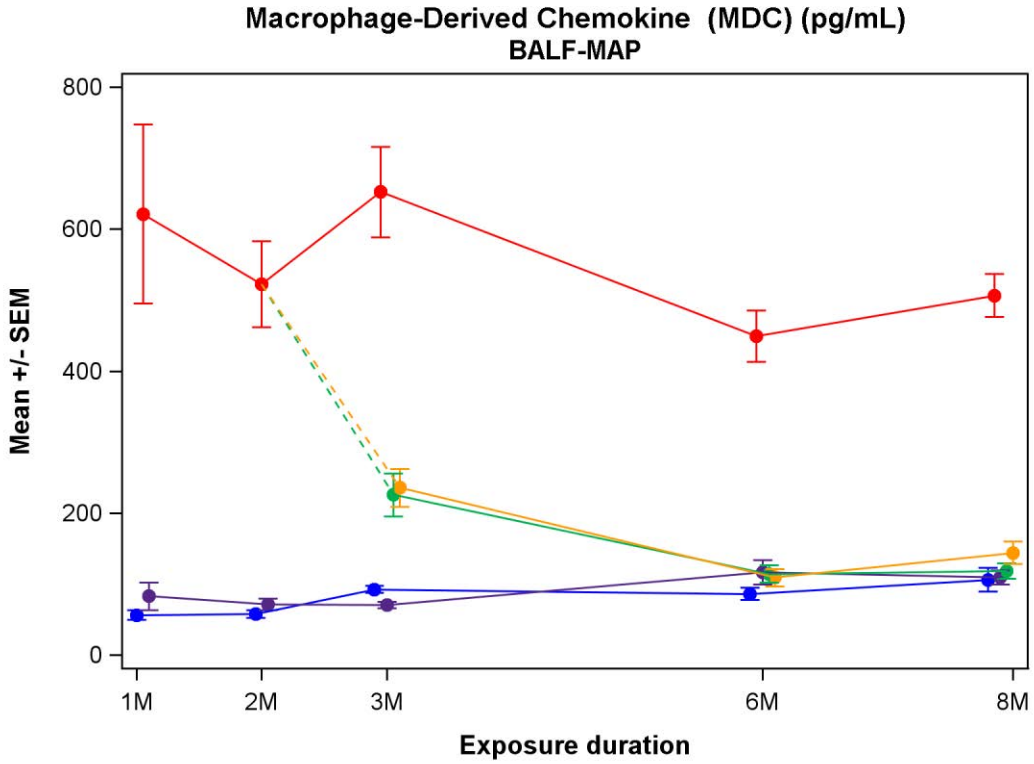
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.35	-0.46	-0.23	0.5925	<.0001	<.0001	***
	Sham	THS2.2	0.01	-0.02	0.03	0.0981	0.5896	0.5698	-
	3R4F	THS2.2	0.35	0.24	0.47	0.8588	<.0001	<.0001	***
2M	Sham	3R4F	-0.53	-0.68	-0.38	0.0623	<.0001	<.0001	***
	Sham	THS2.2	-0.01	-0.02	0.00	0.0049	0.0954	0.0623	(-)
	3R4F	THS2.2	0.52	0.37	0.67	0.0626	<.0001	<.0001	***
3M	Sham	3R4F	-0.80	-0.97	-0.63	0.3301	<.0001	<.0001	***
	Sham	THS2.2	0.03	0.02	0.05	0.3835	0.0013	0.0018	**
	Sham	cess	-0.17	-0.29	-0.06	0.4043	0.0090	0.0049	**
	Sham	switch	-0.20	-0.30	-0.10	0.5122	0.0012	0.0002	**
	3R4F	THS2.2	0.84	0.66	1.01	0.0891	<.0001	<.0001	***
	3R4F	cess	0.63	0.43	0.82	0.4611	<.0001	0.0001	***
	3R4F	switch	0.60	0.41	0.79	0.6411	<.0001	<.0001	***
	cess	switch	-0.03	-0.17	0.12	0.2673	0.7086	0.7815	-
6M	Sham	3R4F	-0.97	-1.14	-0.81	0.0825	<.0001	<.0001	***
	Sham	THS2.2	0.02	-0.03	0.06	0.0002	0.4070	0.4366	(-)
	Sham	cess	-0.04	-0.11	0.03	0.0001	0.2694	0.1492	(-)
	Sham	switch	-0.02	-0.07	0.03	0.0443	0.4319	0.5562	(-)
	3R4F	THS2.2	0.99	0.82	1.15	0.2382	<.0001	<.0001	***
	3R4F	cess	0.93	0.76	1.10	0.1812	<.0001	<.0001	***
	3R4F	switch	0.95	0.79	1.12	0.3017	<.0001	<.0001	***
	cess	switch	0.02	-0.05	0.09	0.0511	0.5661	0.8065	-
8M	Sham	3R4F	-1.06	-1.25	-0.88	0.0081	<.0001	<.0001	+++
	Sham	THS2.2	-0.00	-0.02	0.01	0.0081	0.7363	0.5527	(-)
	Sham	cess	-0.02	-0.04	0.00	0.0036	0.0907	0.0592	(-)
	Sham	switch	-0.03	-0.07	0.01	0.0009	0.1119	0.0717	(-)
	3R4F	THS2.2	1.06	0.88	1.24	0.0329	<.0001	<.0001	+++
	3R4F	cess	1.04	0.86	1.23	0.0117	<.0001	<.0001	+++
	3R4F	switch	1.03	0.85	1.22	0.0048	<.0001	0.0001	+++
	cess	switch	-0.01	-0.05	0.03	0.0010	0.6393	0.9878	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage-Derived Chemokine (MDC) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage-Derived Chemokine (MDC) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Macrophage-Derived Chemokine (MDC) (pg/mL)
BALF-MAP

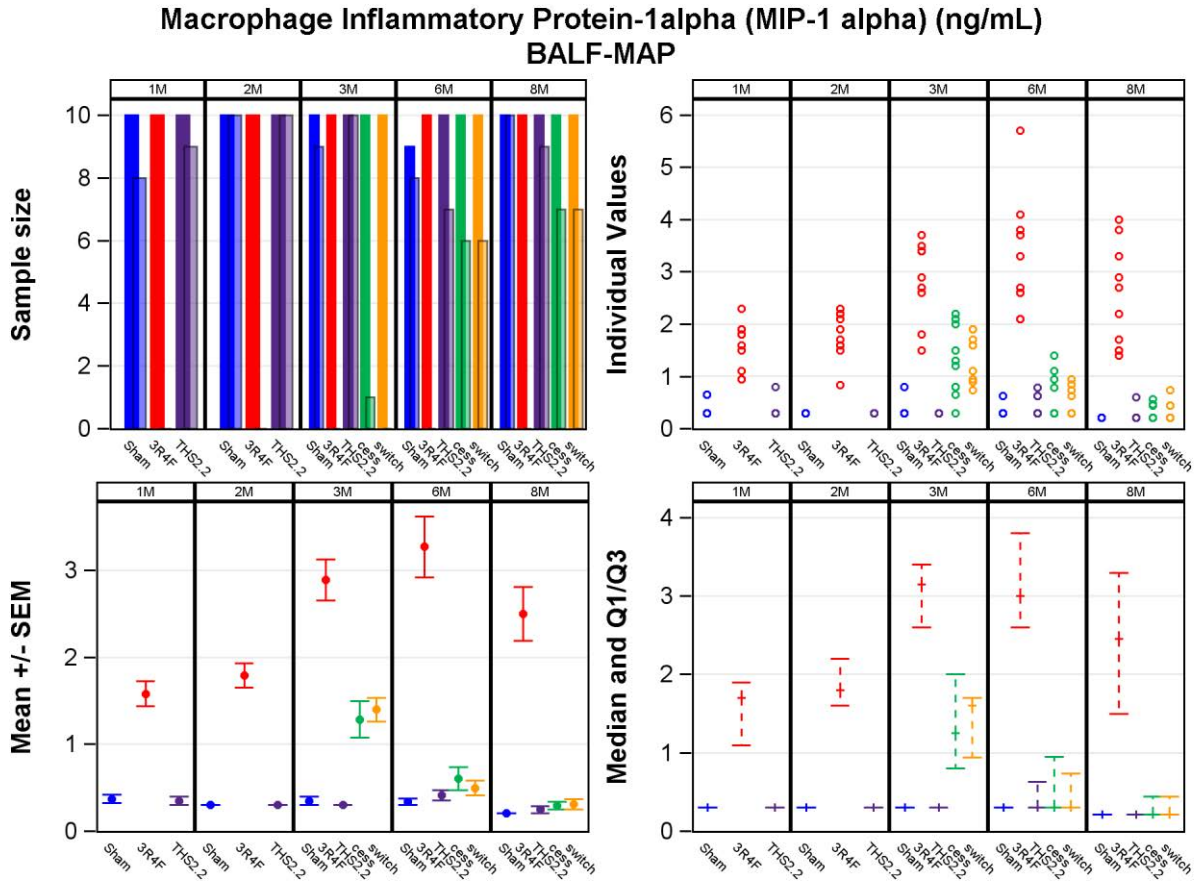
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	9.20	0	17.00	43.00	55.00	74.00	98.00	56.50	22.41	7.09	39.67			
	3R4F	10	9.20	0	232.00	275.00	552.00	963.00	1330.0	621.10	398.72	126.09	64.20	**		
	THS2.2	10	9.20	0	41.00	55.00	63.50	71.00	247.00	83.00	62.16	19.66	74.90	(-)	+++	
2M	Sham	10	9.20	0	40.00	46.00	54.00	66.00	100.00	58.10	17.50	5.53	30.11			
	3R4F	10	9.20	0	209.00	438.00	470.50	736.00	794.00	522.40	192.67	60.93	36.88	***		
	THS2.2	10	9.20	0	44.00	55.00	67.50	72.00	137.00	71.20	25.55	8.08	35.88	(-)	***	
3M	Sham	10	9.20	0	76.00	80.00	87.00	111.00	114.00	92.50	15.30	4.84	16.54			
	3R4F	10	9.20	0	319.00	567.00	651.00	836.00	938.00	652.20	200.63	63.44	30.76	***		
	THS2.2	10	9.20	0	51.00	58.00	68.00	80.00	98.00	70.60	14.58	4.61	20.66	**	***	
	cess	10	9.20	0	111.00	141.00	219.50	304.00	378.00	225.80	96.46	30.50	42.72	+++	***	
	switch	10	9.20	0	120.00	176.00	231.50	306.00	367.00	235.80	84.75	26.80	35.94	***	***	-
6M	Sham	9	9.20	0	65.00	70.00	70.00	104.00	134.00	86.22	26.02	8.67	30.18			
	3R4F	10	9.20	0	349.00	366.00	415.50	505.00	726.00	449.20	113.45	35.88	25.26	+++		
	THS2.2	10	9.20	0	50.00	84.00	105.50	143.00	231.00	116.60	53.83	17.02	46.17	(-)	+++	
	cess	10	9.20	0	50.00	89.00	104.00	143.00	178.00	114.20	38.71	12.24	33.90	-	***	
	switch	10	9.20	0	56.00	87.00	103.00	136.00	178.00	109.30	38.29	12.11	35.04	-	***	-
8M	Sham	10	13.00	0	55.00	77.00	89.00	117.00	242.00	106.30	53.41	16.89	50.24			
	3R4F	10	13.00	0	367.00	442.00	484.50	620.00	645.00	506.60	94.74	29.96	18.70	+++		
	THS2.2	10	13.00	0	77.00	84.00	100.50	130.00	161.00	109.60	30.49	9.64	27.82	(-)	***	
	cess	10	13.00	0	70.00	104.00	117.50	125.00	177.00	118.80	34.29	10.84	28.86	(-)	***	
	switch	10	13.00	0	84.00	102.00	142.00	170.00	247.00	144.20	49.65	15.70	34.43	+	***	-

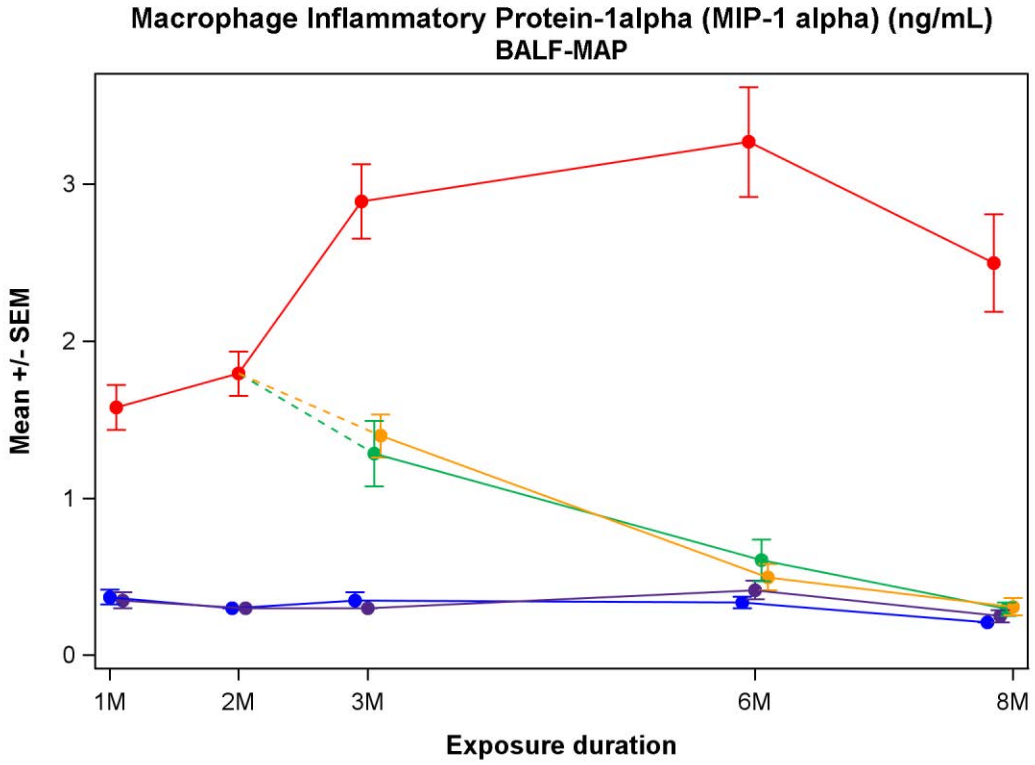
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage-Derived Chemokine (MDC) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-564.6	-850.0	-279.2	0.3945	0.0015	<.0001	**
	Sham	THS2.2	-26.50	-72.34	19.34	0.0255	0.2302	0.3812	(-)
	3R4F	THS2.2	538.10	251.45	824.75	0.0027	0.0020	<.0001	+++
2M	Sham	3R4F	-464.3	-602.4	-326.2	0.2835	<.0001	<.0001	***
	Sham	THS2.2	-13.10	-33.87	7.67	0.0013	0.1997	0.1043	(-)
	3R4F	THS2.2	451.20	312.88	589.52	0.0885	<.0001	<.0001	***
3M	Sham	3R4F	-559.7	-703.4	-416.0	0.2400	<.0001	0.0001	***
	Sham	THS2.2	21.90	7.86	35.94	0.1438	0.0042	0.0057	**
	Sham	cess	-133.3	-202.7	-63.94	0.0221	0.0017	0.0001	+++
	Sham	switch	-143.3	-204.3	-82.27	0.0995	0.0004	<.0001	***
	3R4F	THS2.2	581.60	437.93	725.27	0.9254	<.0001	<.0001	***
	3R4F	cess	426.40	274.26	578.54	0.5597	<.0001	0.0001	***
	3R4F	switch	416.40	266.50	566.30	0.5259	<.0001	0.0001	***
	cess	switch	-10.00	-95.41	75.41	0.1719	0.8083	0.7944	-
6M	Sham	3R4F	-363.0	-445.2	-280.8	0.0018	<.0001	<.0001	+++
	Sham	THS2.2	-30.38	-71.57	10.81	0.0144	0.1354	0.1784	(-)
	Sham	cess	-27.98	-59.81	3.86	0.0704	0.0809	0.0731	-
	Sham	switch	-23.08	-54.67	8.52	0.0684	0.1410	0.2421	-
	3R4F	THS2.2	332.60	246.71	418.49	0.0178	<.0001	<.0001	+++
	3R4F	cess	335.00	251.63	418.37	0.2330	<.0001	<.0001	***
	3R4F	switch	339.90	256.58	423.22	0.1694	<.0001	<.0001	***
	cess	switch	4.90	-31.28	41.08	0.6396	0.7792	0.7753	-
8M	Sham	3R4F	-400.3	-474.0	-326.6	0.0425	<.0001	<.0001	+++
	Sham	THS2.2	-3.30	-44.93	38.33	0.0086	0.8676	0.3784	(-)
	Sham	cess	-12.50	-55.19	30.19	0.0336	0.5425	0.2133	(-)
	Sham	switch	-37.90	-86.37	10.57	0.0134	0.1177	0.0308	+
	3R4F	THS2.2	397.00	327.61	466.39	0.0610	<.0001	<.0001	***
	3R4F	cess	387.80	317.92	457.68	0.1186	<.0001	<.0001	***
	3R4F	switch	362.40	289.65	435.15	0.3556	<.0001	<.0001	***
	cess	switch	-25.40	-65.85	15.05	0.3653	0.2018	0.5167	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

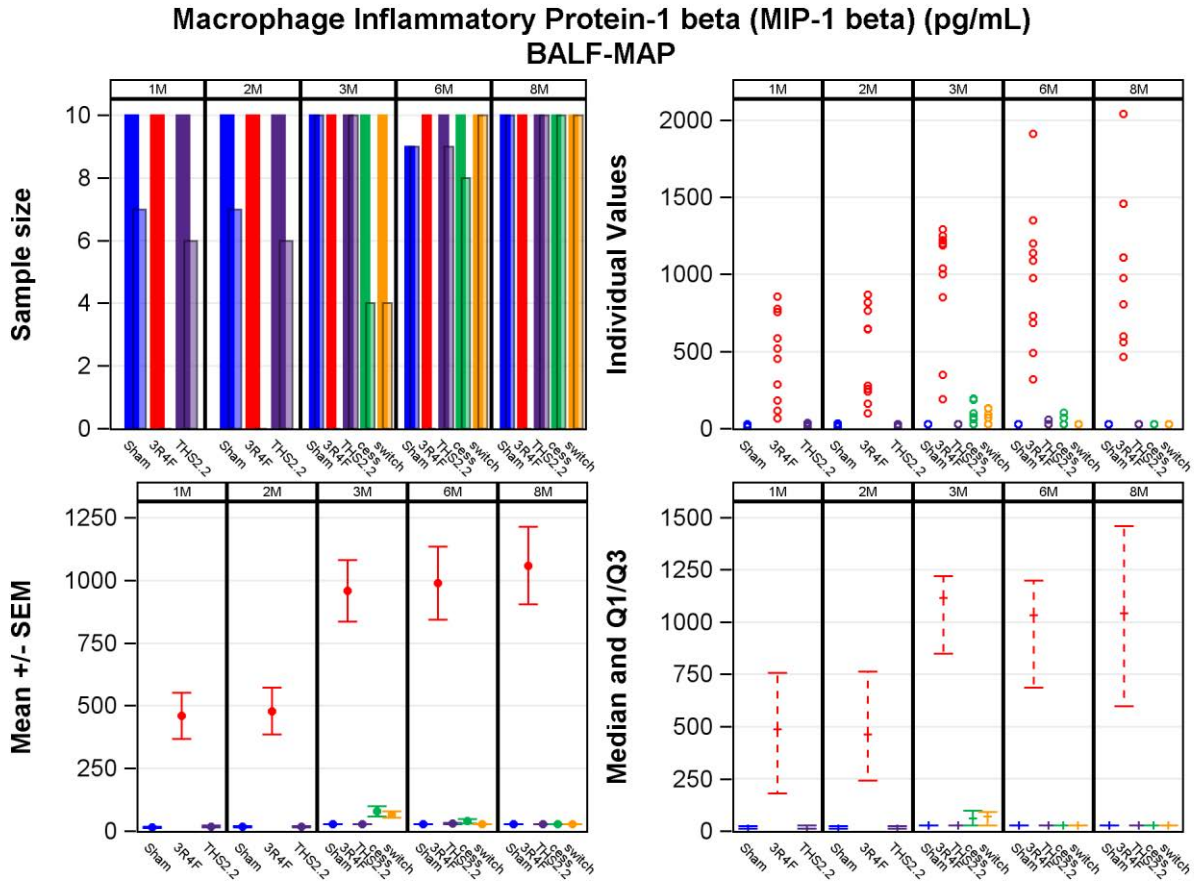
Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
BALF-MAP

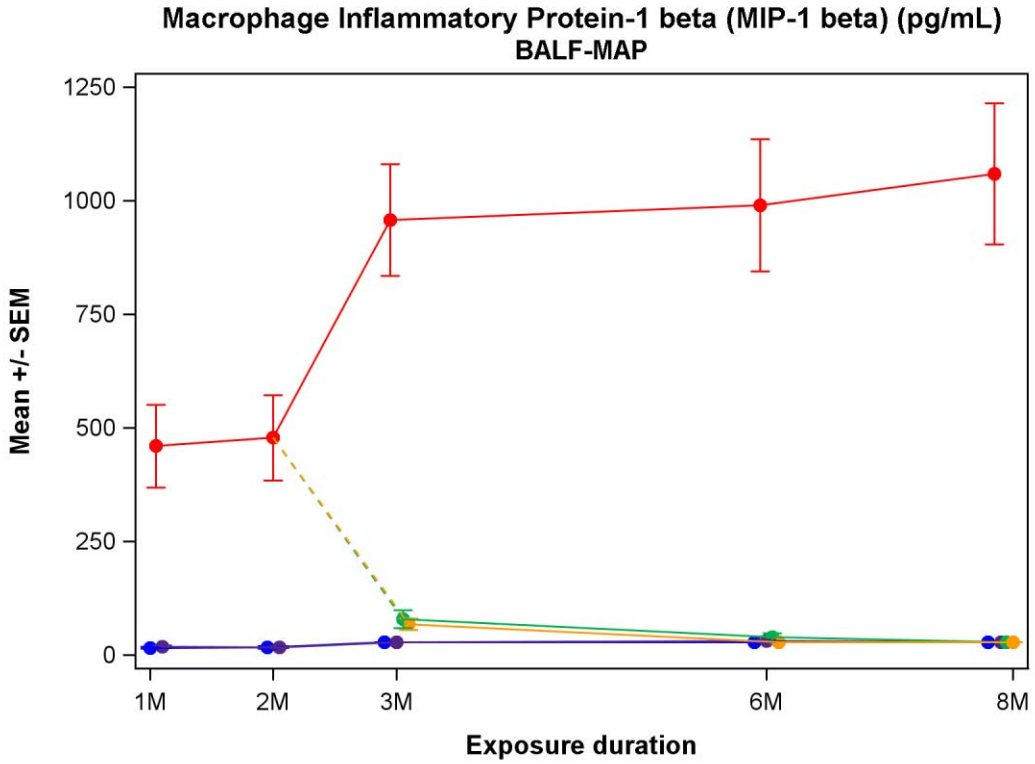
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.60	8	0.30	0.30	0.30	0.30	0.65	0.37	0.15	0.05	39.88			
	3R4F	10	0.60	0	0.95	1.10	1.70	1.90	2.30	1.58	0.45	0.14	28.70	+++		
	THS2.2	10	0.60	9	0.30	0.30	0.30	0.30	0.80	0.35	0.16	0.05	45.18	(-)	+++	
2M	Sham	10	0.60	10	0.30	0.30	0.30	0.30	0.30	0.30	0.00	0.00	0.00			
	3R4F	10	0.60	0	0.84	1.60	1.80	2.20	2.30	1.79	0.44	0.14	24.73	n.a.		
	THS2.2	10	0.60	10	0.30	0.30	0.30	0.30	0.30	0.30	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.60	9	0.30	0.30	0.30	0.30	0.80	0.35	0.16	0.05	45.18			
	3R4F	10	0.60	0	1.50	2.60	3.15	3.40	3.70	2.89	0.75	0.24	25.92	+++		
	THS2.2	10	0.60	10	0.30	0.30	0.30	0.30	0.30	0.30	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.60	1	0.30	0.80	1.25	2.00	2.20	1.29	0.66	0.21	51.30	+++	***	
	switch	10	0.60	0	0.74	0.94	1.60	1.70	1.90	1.40	0.43	0.14	31.06	+++	++	-
6M	Sham	9	0.60	8	0.30	0.30	0.30	0.30	0.63	0.34	0.11	0.04	32.67			
	3R4F	10	0.60	0	2.10	2.60	3.00	3.80	5.70	3.27	1.11	0.35	33.84	+++		
	THS2.2	10	0.60	7	0.30	0.30	0.30	0.63	0.79	0.42	0.19	0.06	45.84	(-)	+++	
	cess	10	0.60	6	0.30	0.30	0.30	0.95	1.40	0.60	0.42	0.13	69.55	(-)	+++	
	switch	10	0.60	6	0.30	0.30	0.30	0.74	0.95	0.50	0.27	0.08	53.63	(-)	+++	(-)
8M	Sham	10	0.42	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	10	0.42	0	1.40	1.50	2.45	3.30	4.00	2.50	0.98	0.31	39.37	n.a.		
	THS2.2	10	0.42	9	0.21	0.21	0.21	0.21	0.60	0.25	0.12	0.04	49.53	n.a.	+++	
	cess	10	0.42	7	0.21	0.21	0.21	0.44	0.56	0.29	0.14	0.04	47.08	n.a.	+++	
	switch	10	0.42	7	0.21	0.21	0.21	0.44	0.74	0.31	0.18	0.06	57.96	n.a.	+++	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.21	-1.54	-0.88	0.0307	<.0001	<.0001	+++
	Sham	THS2.2	0.02	-0.12	0.16	0.0001	0.7733	1.0000	(-)
	3R4F	THS2.2	1.23	0.90	1.56	0.0057	<.0001	0.0001	+++
2M	Sham	3R4F	-1.49	-1.81	-1.18	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1.49	1.18	1.81	.	<.0001	<.0001	n.a.
3M	Sham	3R4F	-2.54	-3.08	-2.00	0.0041	<.0001	<.0001	+++
	Sham	THS2.2	0.05	-0.06	0.16	.	0.3434	1.0000	n.a.
	Sham	cess	-0.94	-1.41	-0.46	0.0026	0.0014	0.0005	+++
	Sham	switch	-1.05	-1.37	-0.73	0.0158	<.0001	<.0001	+++
	3R4F	THS2.2	2.59	2.05	3.13	.	<.0001	<.0001	n.a.
	3R4F	cess	1.61	0.94	2.27	0.3629	<.0001	0.0001	***
	3R4F	switch	1.49	0.91	2.08	0.0335	<.0001	0.0010	++
	cess	switch	-0.11	-0.64	0.42	0.1048	0.6570	0.6650	-
6M	Sham	3R4F	-2.93	-3.73	-2.14	0.0004	<.0001	0.0001	+++
	Sham	THS2.2	-0.08	-0.23	0.07	0.0001	0.2841	0.5087	(-)
	Sham	cess	-0.27	-0.57	0.04	0.0001	0.0801	0.1300	(-)
	Sham	switch	-0.16	-0.36	0.04	0.0002	0.1062	0.1876	(-)
	3R4F	THS2.2	2.86	2.06	3.65	0.0018	<.0001	<.0001	+++
	3R4F	cess	2.67	1.85	3.49	0.0078	<.0001	0.0001	+++
	3R4F	switch	2.77	1.97	3.57	0.0098	<.0001	<.0001	+++
	cess	switch	0.11	-0.23	0.44	0.0001	0.5067	0.6637	(-)
8M	Sham	3R4F	-2.29	-2.99	-1.59	.	<.0001	<.0001	n.a.
	Sham	THS2.2	-0.04	-0.13	0.05	.	0.3434	1.0000	n.a.
	Sham	cess	-0.08	-0.18	0.02	.	0.0872	0.2128	n.a.
	Sham	switch	-0.10	-0.23	0.03	.	0.1144	0.2129	n.a.
	3R4F	THS2.2	2.25	1.54	2.96	0.0013	<.0001	<.0001	+++
	3R4F	cess	2.21	1.50	2.91	0.0074	<.0001	<.0001	+++
	3R4F	switch	2.19	1.48	2.90	0.0151	<.0001	0.0001	+++
	cess	switch	-0.02	-0.17	0.14	0.0001	0.8365	1.0000	(-)


Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
BALF-MAP

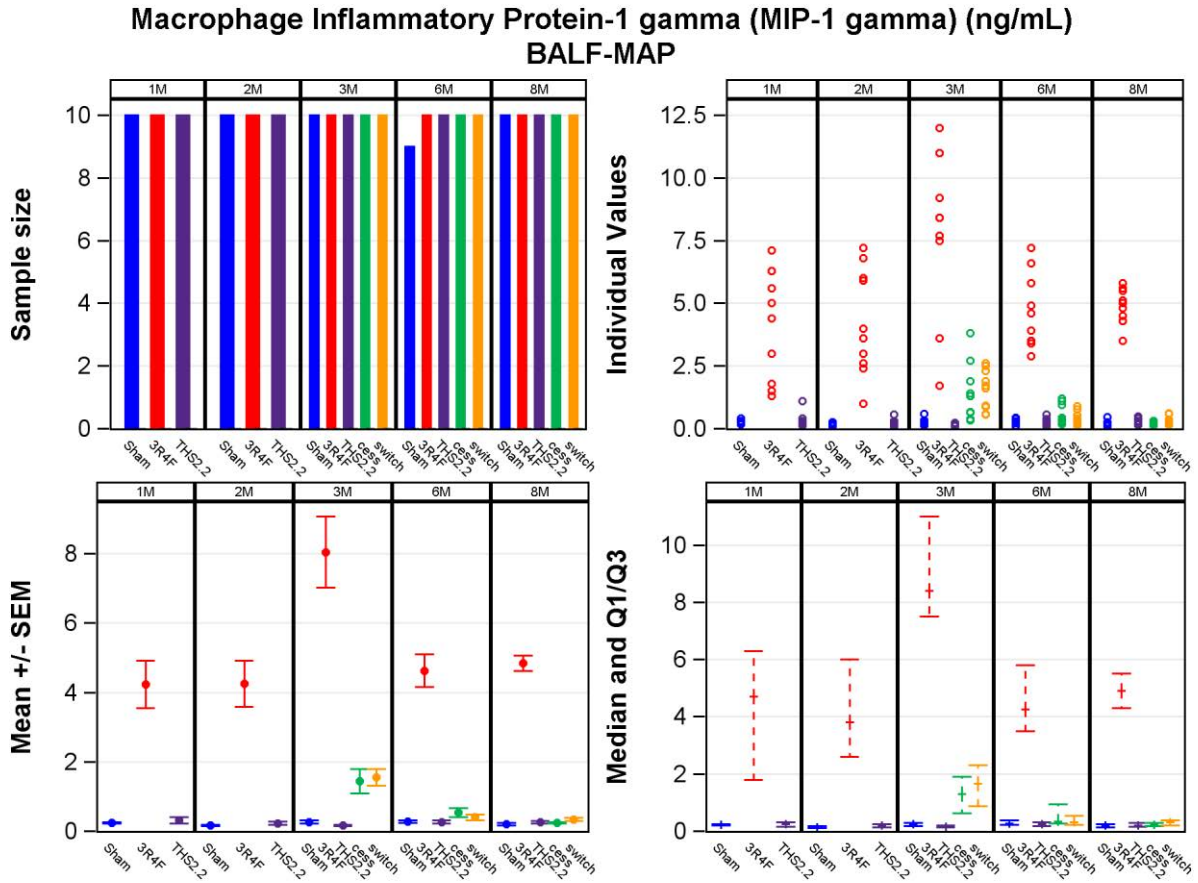
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	23.00	7	11.50	11.50	11.50	25.00	28.00	16.05	7.36	2.33	45.87			
	3R4F	10	23.00	0	67.00	181.00	486.50	757.00	857.00	460.00	288.30	91.17	62.67	+++		
	THS2.2	10	23.00	6	11.50	11.50	11.50	27.00	38.00	18.70	9.88	3.12	52.84	(-)	***	
2M	Sham	10	23.00	7	11.50	11.50	11.50	25.00	35.00	17.25	9.57	3.03	55.47			
	3R4F	10	23.00	0	100.00	241.00	463.00	763.00	867.00	478.70	296.60	93.79	61.96	+++		
	THS2.2	10	23.00	6	11.50	11.50	11.50	25.00	28.00	17.50	7.81	2.47	44.63	(-)	+++	
3M	Sham	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00			
	3R4F	10	56.00	0	191.00	851.00	1115.0	1220.0	1290.0	958.10	388.10	122.73	40.51	+++		
	THS2.2	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	+++	
	cess	10	56.00	4	28.00	28.00	61.50	99.00	197.00	79.10	64.15	20.29	81.10	+	***	
	switch	10	56.00	4	28.00	28.00	70.00	91.00	132.00	67.50	40.34	12.76	59.76	++	***	(-)
6M	Sham	9	56.00	9	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00			
	3R4F	10	56.00	0	319.00	687.00	1033.5	1200.0	1910.0	989.60	460.66	145.67	46.55	+++		
	THS2.2	10	56.00	9	28.00	28.00	28.00	28.00	58.00	31.00	9.49	3.00	30.60	(-)	+++	
	cess	10	56.00	8	28.00	28.00	28.00	28.00	103.00	39.90	26.13	8.26	65.49	(-)	+++	
	switch	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	+++	(-)
8M	Sham	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00			
	3R4F	10	56.00	0	465.00	598.00	1043.5	1460.0	2040.0	1058.9	491.23	155.34	46.39	+++		
	THS2.2	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	+++	
	cess	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	+++	
	switch	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	+++	n.a.

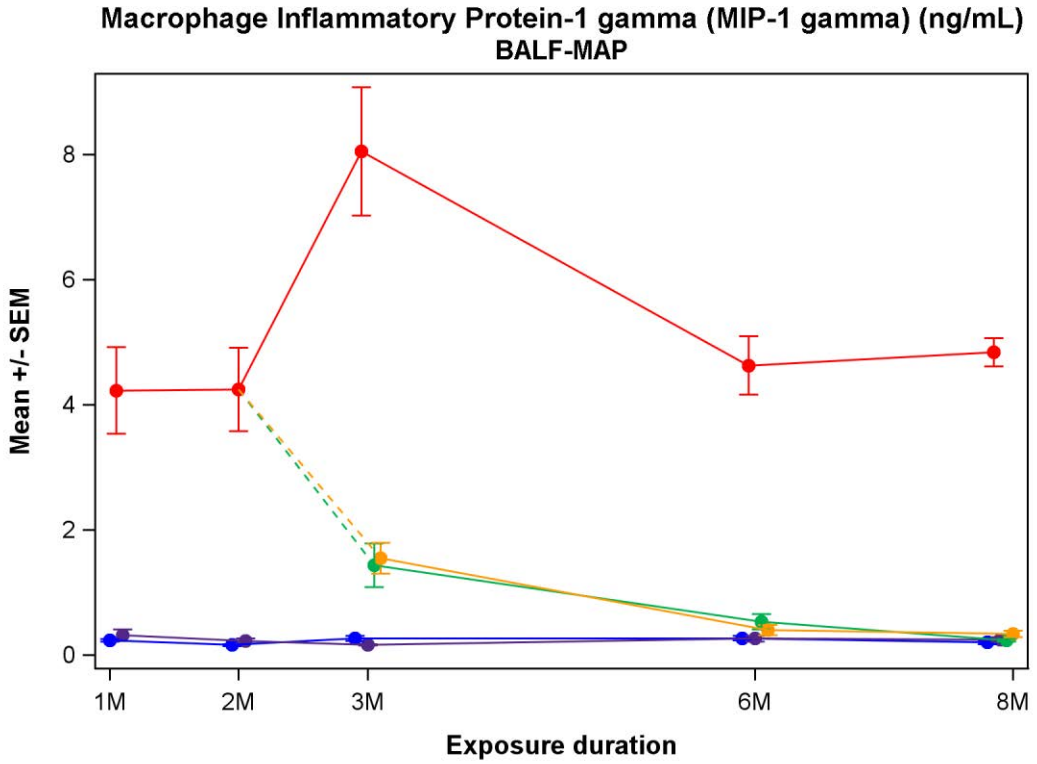
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-444.0	-650.2	-237.7	0.0124	0.0009	<.0001	+++
	Sham	THS2.2	-2.65	-10.88	5.58	0.0001	0.5058	0.6299	(-)
	3R4F	THS2.2	441.30	235.01	647.59	0.0736	0.0009	<.0001	***
2M	Sham	3R4F	-461.5	-673.7	-249.2	0.0061	0.0008	<.0001	+++
	Sham	THS2.2	-0.25	-8.48	7.98	0.0001	0.9497	0.9455	(-)
	3R4F	THS2.2	461.20	249.00	673.40	0.0010	0.0008	<.0001	+++
3M	Sham	3R4F	-930.1	-1208	-652.5	0.0002	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-51.10	-96.99	-5.21	0.0001	0.0328	0.0121	+
	Sham	switch	-39.50	-68.36	-10.64	0.0006	0.0128	0.0099	++
	3R4F	THS2.2	930.10	652.47	1207.7	0.0002	<.0001	<.0001	+++
	3R4F	cess	879.00	599.80	1158.2	0.8476	<.0001	<.0001	***
	3R4F	switch	890.60	612.37	1168.8	0.3631	<.0001	<.0001	***
	cess	switch	11.60	-39.43	62.63	0.0057	0.6353	0.9527	(-)
6M	Sham	3R4F	-961.6	-1291	-632.1	0.0075	<.0001	<.0001	+++
	Sham	THS2.2	-3.00	-9.79	3.79	0.0001	0.3434	1.0000	(-)
	Sham	cess	-11.90	-30.59	6.79	0.0001	0.1837	0.4705	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	958.60	629.03	1288.2	0.0012	0.0001	<.0001	+++
	3R4F	cess	949.70	619.95	1279.4	0.0089	0.0001	<.0001	+++
	3R4F	switch	961.60	632.06	1291.1	0.0033	<.0001	<.0001	+++
	cess	switch	11.90	-6.79	30.59	0.0001	0.1837	0.4757	(-)
8M	Sham	3R4F	-1031	-1382	-679.5	0.0023	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	1030.9	679.50	1382.3	0.0023	<.0001	<.0001	+++
	3R4F	cess	1030.9	679.50	1382.3	0.0023	<.0001	0.0001	+++
	3R4F	switch	1030.9	679.50	1382.3	0.0023	<.0001	<.0001	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

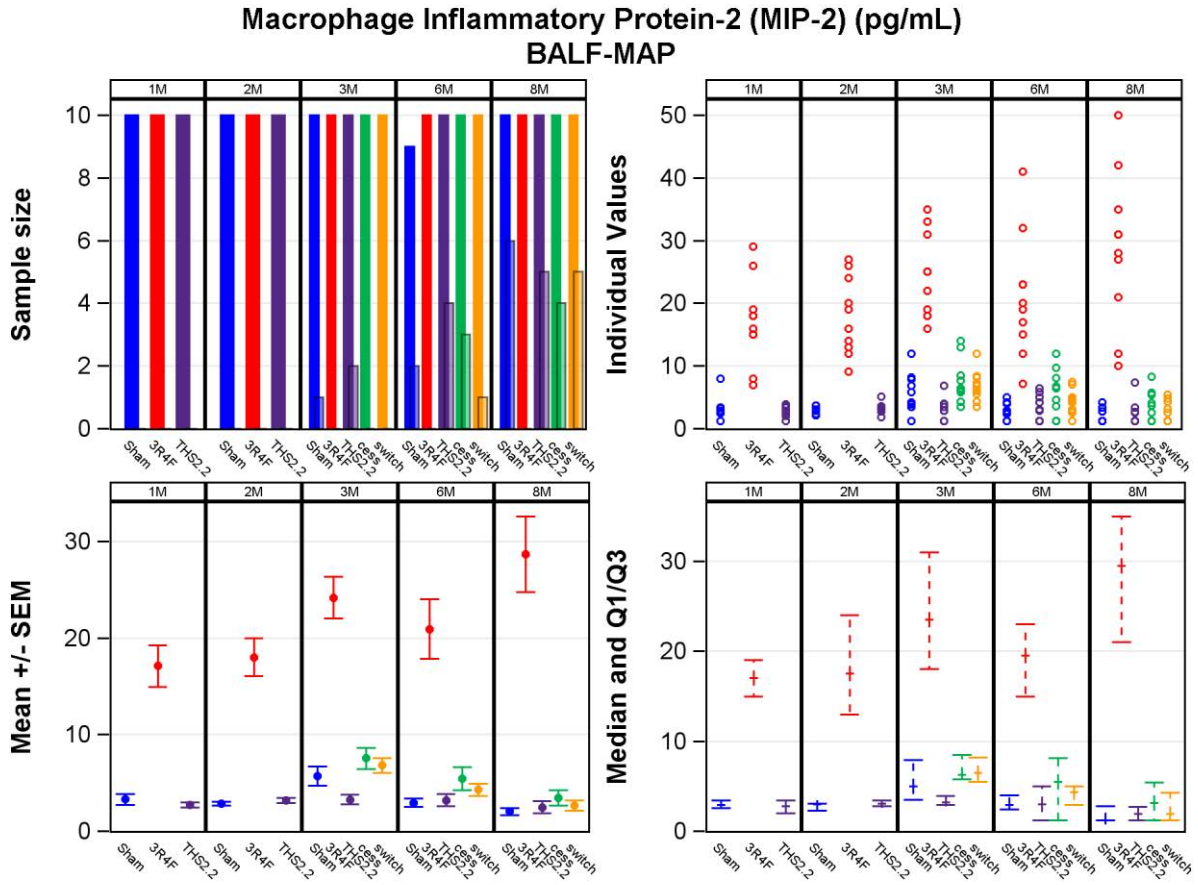
Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
BALF-MAP

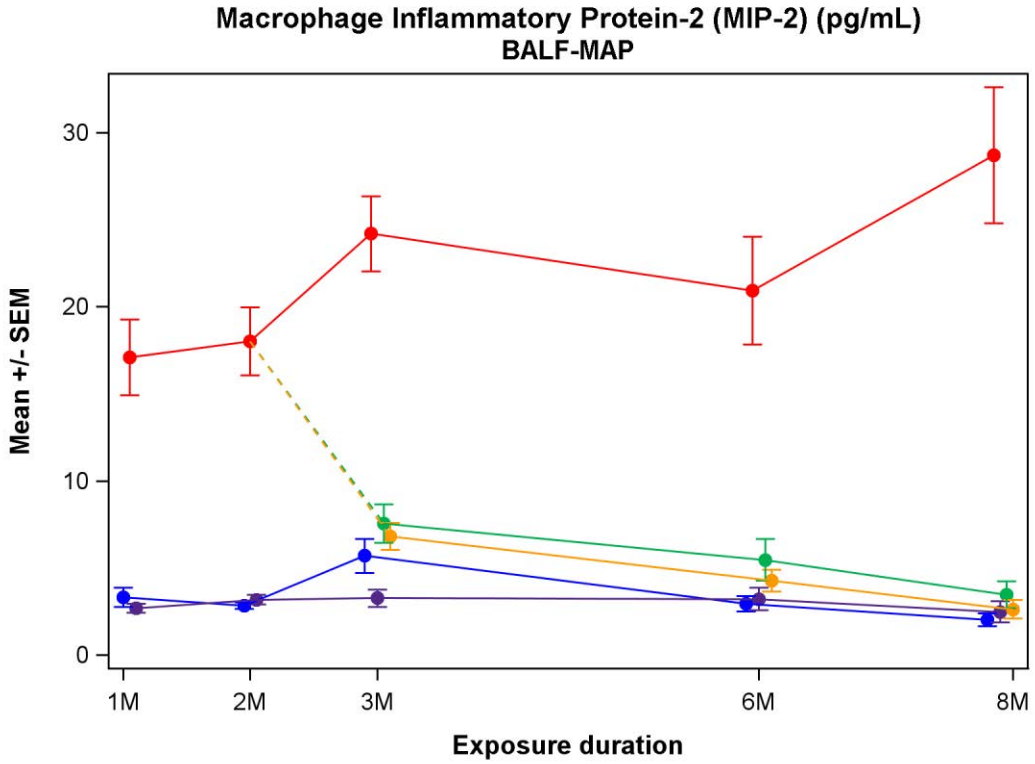
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	0	0.18	0.20	0.23	0.24	0.41	0.24	0.07	0.02	28.60			
	3R4F	10	0.01	0	1.30	1.80	4.70	6.30	7.10	4.23	2.18	0.69	51.53	***		
	THS2.2	10	0.01	0	0.14	0.16	0.24	0.31	1.10	0.32	0.29	0.09	89.45	(-)	***	
2M	Sham	10	0.01	0	0.10	0.12	0.15	0.18	0.26	0.16	0.06	0.02	34.16			
	3R4F	10	0.01	0	0.99	2.60	3.80	6.00	7.20	4.25	2.10	0.67	49.50	***		
	THS2.2	10	0.01	0	0.09	0.14	0.20	0.25	0.57	0.23	0.14	0.04	59.07	(-)	***	
3M	Sham	10	0.01	0	0.14	0.18	0.24	0.30	0.59	0.26	0.13	0.04	49.78			
	3R4F	10	0.01	0	1.70	7.50	8.40	11.00	12.00	8.05	3.25	1.03	40.39	***		
	THS2.2	10	0.01	0	0.11	0.13	0.16	0.20	0.22	0.17	0.04	0.01	24.45	*	***	
	cess	10	0.01	0	0.33	0.63	1.30	1.90	3.80	1.44	1.11	0.35	76.88	+++	***	
	switch	10	0.01	0	0.55	0.88	1.65	2.30	2.60	1.55	0.78	0.25	50.22	***	***	-
6M	Sham	9	0.01	0	0.10	0.22	0.28	0.38	0.43	0.27	0.12	0.04	42.96			
	3R4F	10	0.01	0	2.90	3.50	4.25	5.80	7.20	4.63	1.47	0.47	31.81	***		
	THS2.2	10	0.01	0	0.10	0.18	0.25	0.32	0.56	0.26	0.14	0.04	51.84	-	***	
	cess	10	0.01	0	0.19	0.26	0.34	0.95	1.20	0.54	0.39	0.12	72.68	-	+++	
	switch	10	0.01	0	0.12	0.22	0.31	0.53	0.89	0.40	0.26	0.08	64.29	-	+++	(-)
8M	Sham	10	0.01	0	0.11	0.13	0.20	0.24	0.46	0.21	0.10	0.03	50.34			
	3R4F	10	0.01	0	3.50	4.30	4.90	5.50	5.80	4.84	0.71	0.22	14.65	***		
	THS2.2	10	0.01	0	0.15	0.16	0.20	0.30	0.48	0.25	0.12	0.04	46.72	(-)	***	
	cess	10	0.01	0	0.14	0.19	0.23	0.30	0.31	0.24	0.06	0.02	25.20	-	***	
	switch	10	0.01	0	0.16	0.20	0.32	0.37	0.62	0.34	0.16	0.05	47.17	+	***	-

Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-3.99	-5.55	-2.43	0.3209	0.0003	<.0001	***
	Sham	THS2.2	-0.08	-0.29	0.13	0.0001	0.4102	1.0000	(-)
	3R4F	THS2.2	3.91	2.35	5.47	0.1260	0.0003	<.0001	***
2M	Sham	3R4F	-4.09	-5.59	-2.58	0.2091	0.0002	<.0001	***
	Sham	THS2.2	-0.07	-0.17	0.03	0.0131	0.1773	0.1733	(-)
	3R4F	THS2.2	4.02	2.51	5.53	0.2302	0.0002	0.0001	***
3M	Sham	3R4F	-7.79	-10.11	-5.46	0.7860	<.0001	<.0001	***
	Sham	THS2.2	0.10	0.00	0.20	0.2593	0.0444	0.0226	*
	Sham	cess	-1.18	-1.97	-0.38	0.0052	0.0084	0.0001	+++
	Sham	switch	-1.29	-1.85	-0.73	0.2386	0.0005	0.0001	***
	3R4F	THS2.2	7.89	5.56	10.21	0.3136	<.0001	<.0001	***
	3R4F	cess	6.61	4.22	9.00	0.9711	<.0001	0.0001	***
	3R4F	switch	6.50	4.14	8.85	0.2442	0.0001	0.0003	***
	cess	switch	-0.11	-1.02	0.79	0.2383	0.7935	0.5863	-
6M	Sham	3R4F	-4.36	-5.41	-3.30	0.4770	<.0001	<.0001	***
	Sham	THS2.2	0.01	-0.11	0.13	0.8035	0.8887	0.6998	-
	Sham	cess	-0.26	-0.55	0.02	0.1434	0.0677	0.1553	-
	Sham	switch	-0.13	-0.32	0.07	0.5894	0.1877	0.4636	-
	3R4F	THS2.2	4.37	3.31	5.42	0.1748	<.0001	<.0001	***
	3R4F	cess	4.10	3.03	5.16	0.0047	<.0001	<.0001	+++
	3R4F	switch	4.23	3.17	5.29	0.0282	<.0001	<.0001	+++
	cess	switch	0.14	-0.18	0.45	0.0029	0.3662	0.4008	(-)
8M	Sham	3R4F	-4.64	-5.14	-4.13	0.4350	<.0001	<.0001	***
	Sham	THS2.2	-0.05	-0.15	0.06	0.0030	0.3553	0.3036	(-)
	Sham	cess	-0.03	-0.11	0.05	0.1791	0.4239	0.2388	-
	Sham	switch	-0.13	-0.26	-0.01	0.0101	0.0422	0.0462	+
	3R4F	THS2.2	4.59	4.08	5.10	0.3835	<.0001	<.0001	***
	3R4F	cess	4.60	4.10	5.11	0.1972	<.0001	<.0001	***
	3R4F	switch	4.50	3.99	5.01	0.7333	<.0001	<.0001	***
	cess	switch	-0.10	-0.22	0.02	0.2905	0.0835	0.1151	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
BALF-MAP

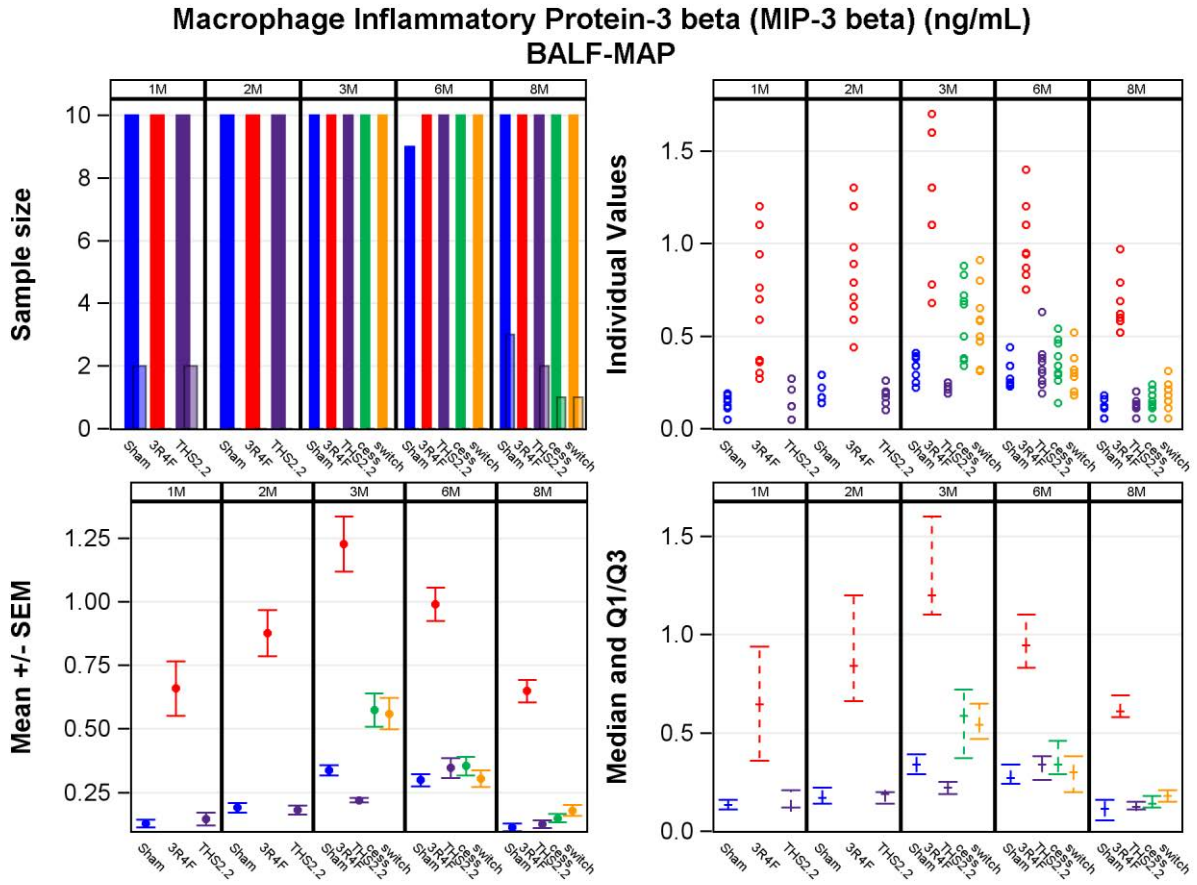
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.60	0	1.20	2.60	2.90	3.40	8.00	3.31	1.77	0.56	53.41			
	3R4F	10	1.60	0	7.00	15.00	17.00	19.00	29.00	17.10	6.84	2.16	39.99	+++		
	THS2.2	10	1.60	0	1.20	2.00	2.75	3.40	3.90	2.71	0.82	0.26	30.30	-	***	
2M	Sham	10	1.60	0	2.10	2.30	3.00	3.10	3.70	2.85	0.60	0.19	21.13			
	3R4F	10	1.60	0	9.10	13.00	17.50	24.00	27.00	18.01	6.20	1.96	34.44	***		
	THS2.2	10	1.60	0	1.80	2.80	3.10	3.40	5.10	3.19	0.83	0.26	25.87	-	***	
3M	Sham	10	2.40	1	1.20	3.50	5.00	7.90	12.00	5.70	3.12	0.99	54.68			
	3R4F	10	2.40	0	16.00	18.00	23.50	31.00	35.00	24.20	6.81	2.15	28.15	***		
	THS2.2	10	2.40	2	1.20	2.90	3.20	3.90	6.80	3.28	1.58	0.50	48.18	*	***	
	cess	10	2.40	0	3.50	5.80	6.30	8.50	14.00	7.55	3.46	1.09	45.78	-	+++	
	switch	10	2.40	0	3.50	5.50	6.50	8.20	12.00	6.82	2.40	0.76	35.12	-	***	-
6M	Sham	9	2.40	2	1.20	2.40	2.90	4.00	5.00	2.94	1.29	0.43	43.89			
	3R4F	10	2.40	0	7.20	15.00	19.50	23.00	41.00	20.92	9.76	3.09	46.66	***		
	THS2.2	10	2.40	4	1.20	1.20	3.00	5.00	6.40	3.22	2.04	0.64	63.25	-	***	
	cess	10	2.40	3	1.20	1.20	5.50	8.10	12.00	5.47	3.78	1.20	69.15	-	***	
	switch	10	2.40	1	1.20	2.90	4.35	5.00	7.50	4.29	1.97	0.62	45.82	-	***	-
8M	Sham	10	2.40	6	1.20	1.20	1.20	2.80	4.20	2.04	1.15	0.36	56.38			
	3R4F	10	2.40	0	10.00	21.00	29.50	35.00	50.00	28.70	12.35	3.90	43.02	***		
	THS2.2	10	2.40	5	1.20	1.20	1.90	2.70	7.40	2.48	1.93	0.61	77.63	(-)	***	
	cess	10	2.40	4	1.20	1.20	3.15	5.40	8.30	3.46	2.45	0.77	70.69	(-)	***	
	switch	10	2.40	5	1.20	1.20	1.90	4.30	5.40	2.63	1.69	0.53	64.28	(-)	***	(-)

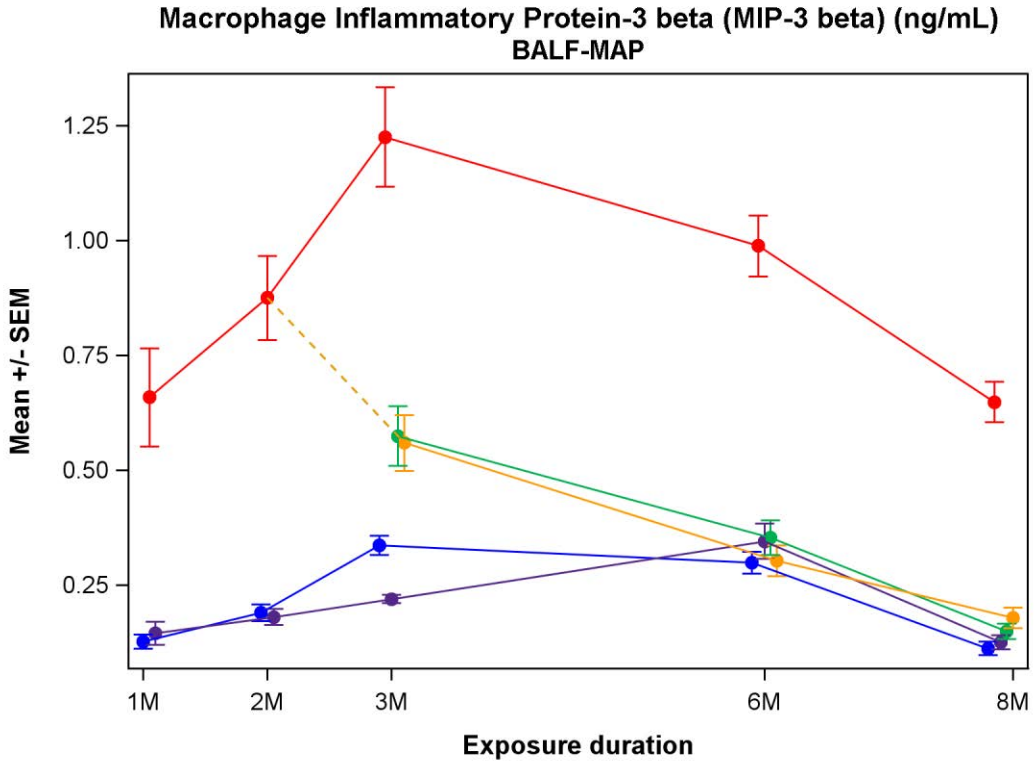
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-13.79	-18.75	-8.83	0.0103	<.0001	0.0001	+++
	Sham	THS2.2	0.60	-0.73	1.93	0.1470	0.3485	0.5880	-
	3R4F	THS2.2	14.39	9.48	19.30	0.7458	<.0001	<.0001	***
2M	Sham	3R4F	-15.16	-19.61	-10.71	0.1052	<.0001	<.0001	***
	Sham	THS2.2	-0.34	-1.02	0.34	0.5649	0.3078	0.4743	-
	3R4F	THS2.2	14.82	10.37	19.27	0.7213	<.0001	<.0001	***
3M	Sham	3R4F	-18.50	-23.63	-13.37	0.3886	<.0001	<.0001	***
	Sham	THS2.2	2.42	0.04	4.80	0.2005	0.0469	0.0318	*
	Sham	cess	-1.85	-4.94	1.24	0.1098	0.2250	0.2233	-
	Sham	switch	-1.12	-3.74	1.50	0.2512	0.3802	0.2862	-
	3R4F	THS2.2	20.92	15.99	25.85	0.3044	<.0001	<.0001	***
	3R4F	cess	16.65	11.45	21.85	0.0400	<.0001	<.0001	+++
	3R4F	switch	17.38	12.36	22.40	0.4729	<.0001	<.0001	***
	cess	switch	0.73	-2.09	3.55	0.0929	0.5906	0.7457	-
6M	Sham	3R4F	-17.98	-24.99	-10.97	0.4479	0.0002	<.0001	***
	Sham	THS2.2	-0.28	-1.92	1.37	0.1548	0.7270	0.7649	-
	Sham	cess	-2.53	-5.32	0.26	0.3418	0.0718	0.1742	-
	Sham	switch	-1.35	-2.95	0.26	0.5241	0.0946	0.1096	-
	3R4F	THS2.2	17.70	10.65	24.75	0.2518	0.0002	0.0001	***
	3R4F	cess	15.45	8.21	22.69	0.3996	0.0006	<.0001	***
	3R4F	switch	16.63	9.59	23.67	0.4551	0.0004	<.0001	***
	cess	switch	1.18	-1.72	4.08	0.4618	0.3967	0.5893	-
8M	Sham	3R4F	-26.66	-35.51	-17.81	0.2190	<.0001	<.0001	***
	Sham	THS2.2	-0.44	-1.95	1.07	0.0004	0.5445	0.9164	(-)
	Sham	cess	-1.42	-3.27	0.43	0.0039	0.1209	0.2014	(-)
	Sham	switch	-0.59	-1.96	0.78	0.0009	0.3752	0.4696	(-)
	3R4F	THS2.2	26.22	17.34	35.10	0.0903	<.0001	<.0001	***
	3R4F	cess	25.24	16.33	34.15	0.6098	<.0001	<.0001	***
	3R4F	switch	26.07	17.20	34.94	0.2917	<.0001	<.0001	***
	cess	switch	0.83	-1.16	2.82	0.0062	0.3904	0.4940	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
BALF-MAP
Mean +/- SEM
1M
2M
3M
6M
8M
Exposure duration

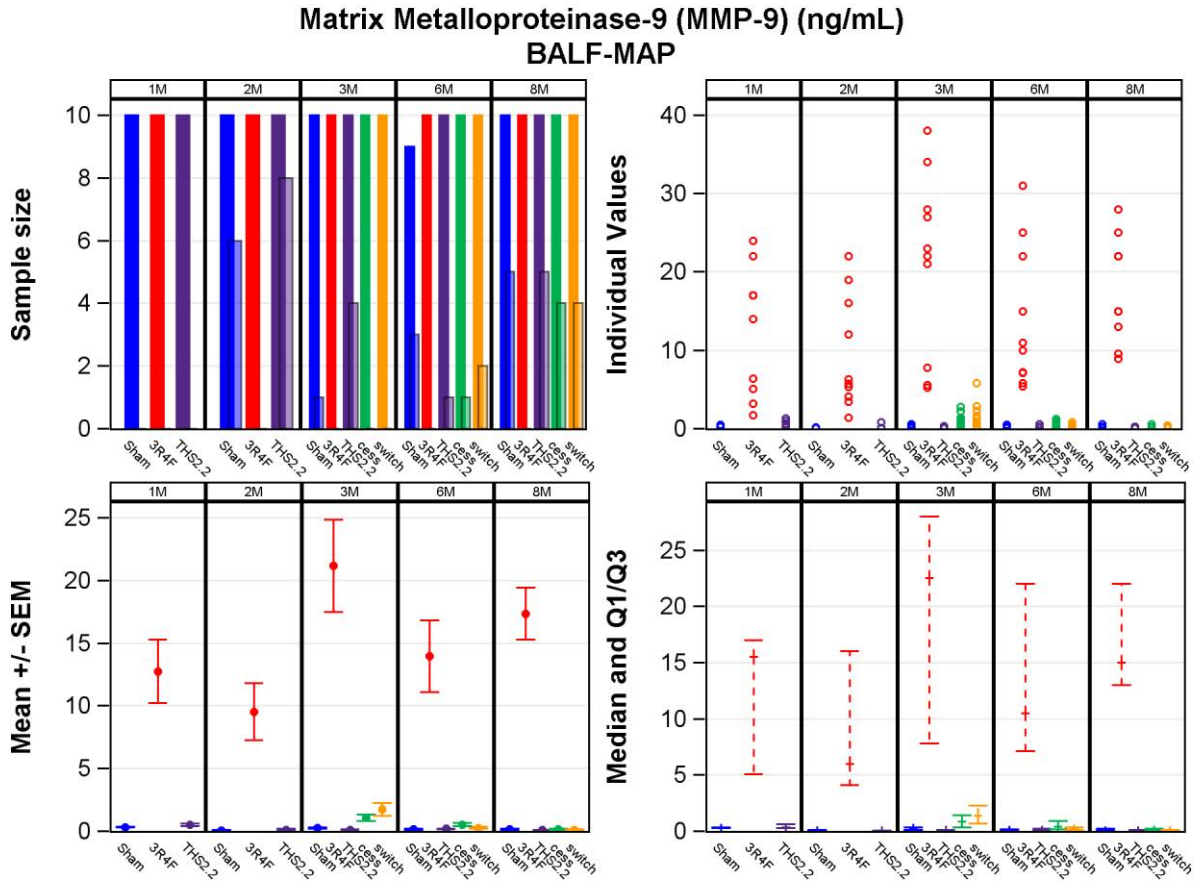
Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
BALF-MAP

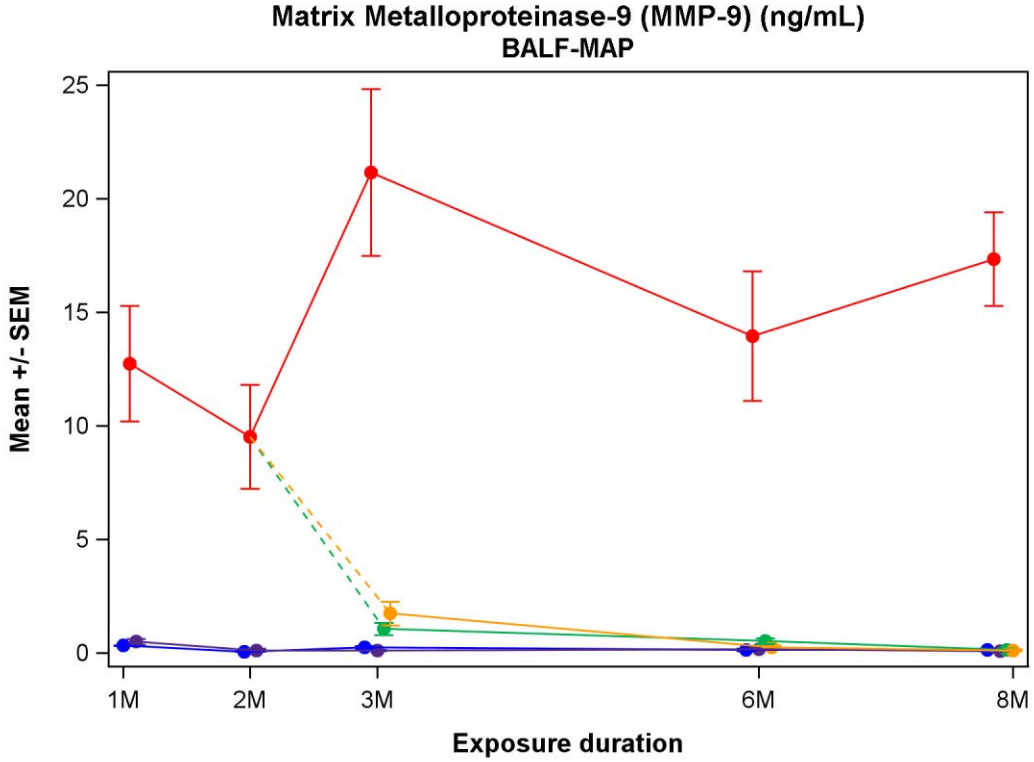
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.10	2	0.05	0.11	0.14	0.16	0.19	0.13	0.05	0.02	37.88			
	3R4F	10	0.10	0	0.27	0.36	0.65	0.94	1.20	0.66	0.34	0.11	51.48	***		
	THS2.2	10	0.10	2	0.05	0.12	0.12	0.21	0.27	0.15	0.08	0.03	54.72	-	+++	
2M	Sham	10	0.10	0	0.14	0.14	0.17	0.22	0.29	0.19	0.06	0.02	30.39			
	3R4F	10	0.10	0	0.44	0.66	0.84	1.20	1.30	0.88	0.29	0.09	33.05	***		
	THS2.2	10	0.10	0	0.10	0.14	0.19	0.20	0.26	0.18	0.06	0.02	30.98	-	***	
3M	Sham	10	0.10	0	0.22	0.29	0.34	0.39	0.41	0.34	0.07	0.02	19.49			
	3R4F	10	0.10	0	0.68	1.10	1.20	1.60	1.70	1.23	0.34	0.11	27.99	***		
	THS2.2	10	0.10	0	0.19	0.19	0.22	0.25	0.25	0.22	0.03	0.01	13.03	+++	+++	
	cess	10	0.10	0	0.34	0.37	0.59	0.72	0.88	0.58	0.21	0.07	35.94	**	***	
	switch	10	0.10	0	0.31	0.47	0.54	0.65	0.91	0.56	0.19	0.06	34.16	**	***	-
6M	Sham	9	0.10	0	0.23	0.24	0.27	0.34	0.44	0.30	0.07	0.02	23.62			
	3R4F	10	0.10	0	0.75	0.83	0.95	1.10	1.40	0.99	0.21	0.07	21.20	+++		
	THS2.2	10	0.10	0	0.19	0.26	0.34	0.38	0.63	0.35	0.12	0.04	34.98	(-)	***	
	cess	10	0.10	0	0.14	0.29	0.34	0.46	0.54	0.35	0.12	0.04	33.30	-	***	
	switch	10	0.10	0	0.18	0.20	0.30	0.38	0.52	0.30	0.11	0.03	34.78	-	***	-
8M	Sham	10	0.11	3	0.06	0.06	0.12	0.16	0.18	0.11	0.05	0.01	40.96			
	3R4F	10	0.11	0	0.52	0.58	0.61	0.69	0.97	0.65	0.14	0.04	21.27	***		
	THS2.2	10	0.11	2	0.06	0.11	0.13	0.15	0.20	0.13	0.05	0.02	39.41	-	***	
	cess	10	0.11	1	0.06	0.12	0.14	0.18	0.24	0.15	0.05	0.02	36.17	-	***	
	switch	10	0.11	1	0.06	0.15	0.18	0.21	0.31	0.18	0.07	0.02	39.23	*	***	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.53	-0.77	-0.29	0.5763	0.0008	0.0001	***
	Sham	THS2.2	-0.02	-0.08	0.05	0.2238	0.5718	0.9069	-
	3R4F	THS2.2	0.51	0.27	0.76	0.0313	0.0009	<.0001	+++
2M	Sham	3R4F	-0.69	-0.89	-0.48	0.0624	<.0001	<.0001	***
	Sham	THS2.2	0.01	-0.04	0.06	0.1421	0.7277	0.9839	-
	3R4F	THS2.2	0.70	0.49	0.90	0.2145	<.0001	<.0001	***
3M	Sham	3R4F	-0.89	-1.14	-0.64	0.1876	<.0001	<.0001	***
	Sham	THS2.2	0.12	0.07	0.17	0.0237	0.0002	0.0004	+++
	Sham	cess	-0.24	-0.39	-0.09	0.2959	0.0054	0.0094	**
	Sham	switch	-0.22	-0.36	-0.08	0.8534	0.0050	0.0049	**
	3R4F	THS2.2	1.01	0.76	1.25	0.0354	<.0001	<.0001	+++
	3R4F	cess	0.65	0.38	0.92	0.2270	0.0001	0.0002	***
	3R4F	switch	0.67	0.40	0.93	0.4227	<.0001	0.0001	***
	cess	switch	0.01	-0.17	0.20	0.2432	0.8681	0.7503	-
6M	Sham	3R4F	-0.69	-0.84	-0.54	0.0398	<.0001	<.0001	+++
	Sham	THS2.2	-0.05	-0.14	0.05	0.0407	0.3113	0.3424	(-)
	Sham	cess	-0.06	-0.15	0.04	0.6921	0.2305	0.1710	-
	Sham	switch	-0.01	-0.09	0.08	0.0662	0.9021	1.0000	-
	3R4F	THS2.2	0.64	0.48	0.81	0.1219	<.0001	0.0001	***
	3R4F	cess	0.64	0.47	0.80	0.9168	<.0001	<.0001	***
	3R4F	switch	0.69	0.52	0.85	0.1079	<.0001	<.0001	***
	cess	switch	0.05	-0.06	0.16	0.9790	0.3314	0.3469	-
8M	Sham	3R4F	-0.54	-0.64	-0.44	0.2040	<.0001	<.0001	***
	Sham	THS2.2	-0.01	-0.06	0.03	0.0803	0.5365	0.5722	-
	Sham	cess	-0.04	-0.08	0.01	0.7383	0.1174	0.1216	-
	Sham	switch	-0.07	-0.12	-0.01	0.7738	0.0232	0.0309	*
	3R4F	THS2.2	0.52	0.42	0.62	0.1771	<.0001	<.0001	***
	3R4F	cess	0.50	0.40	0.60	0.2614	<.0001	<.0001	***
	3R4F	switch	0.47	0.36	0.58	0.3055	<.0001	<.0001	***
	cess	switch	-0.03	-0.09	0.03	0.7938	0.3003	0.3328	-


Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

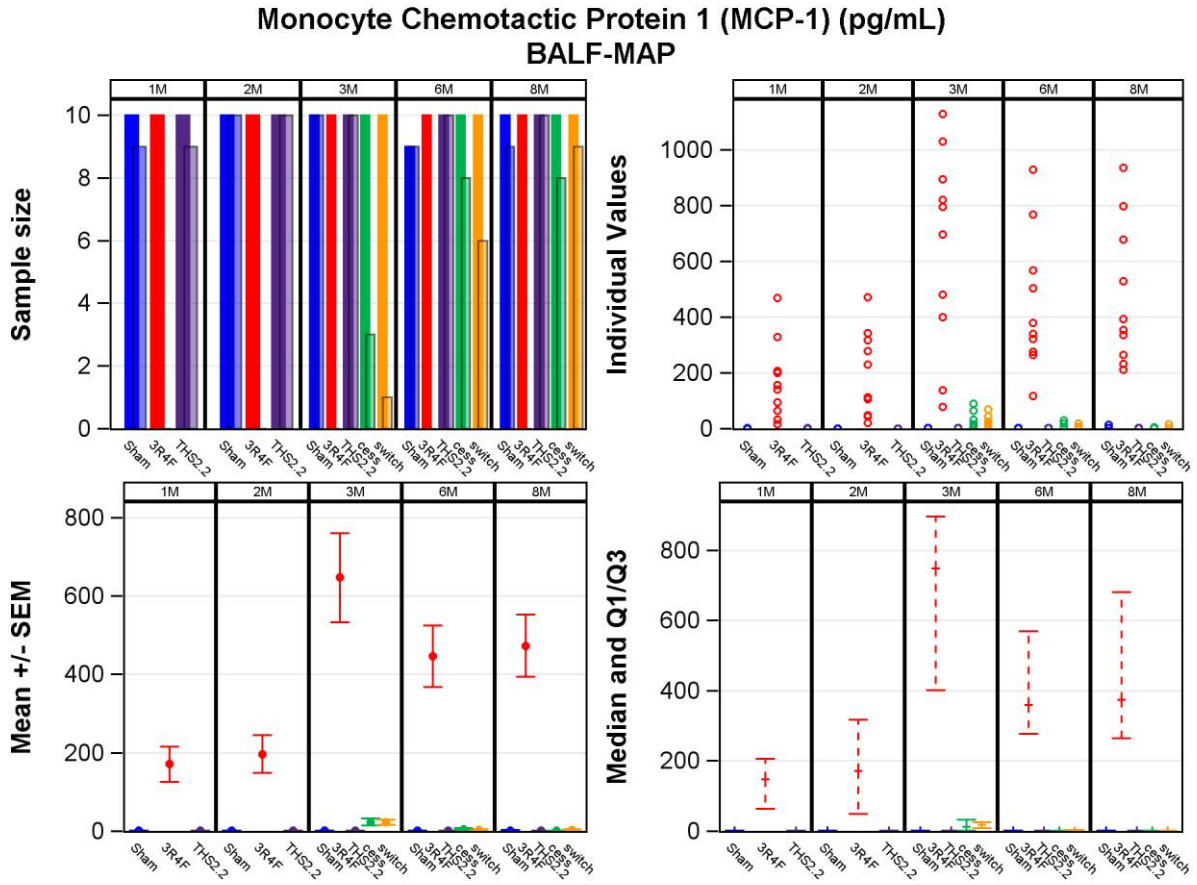
Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
BALF-MAP

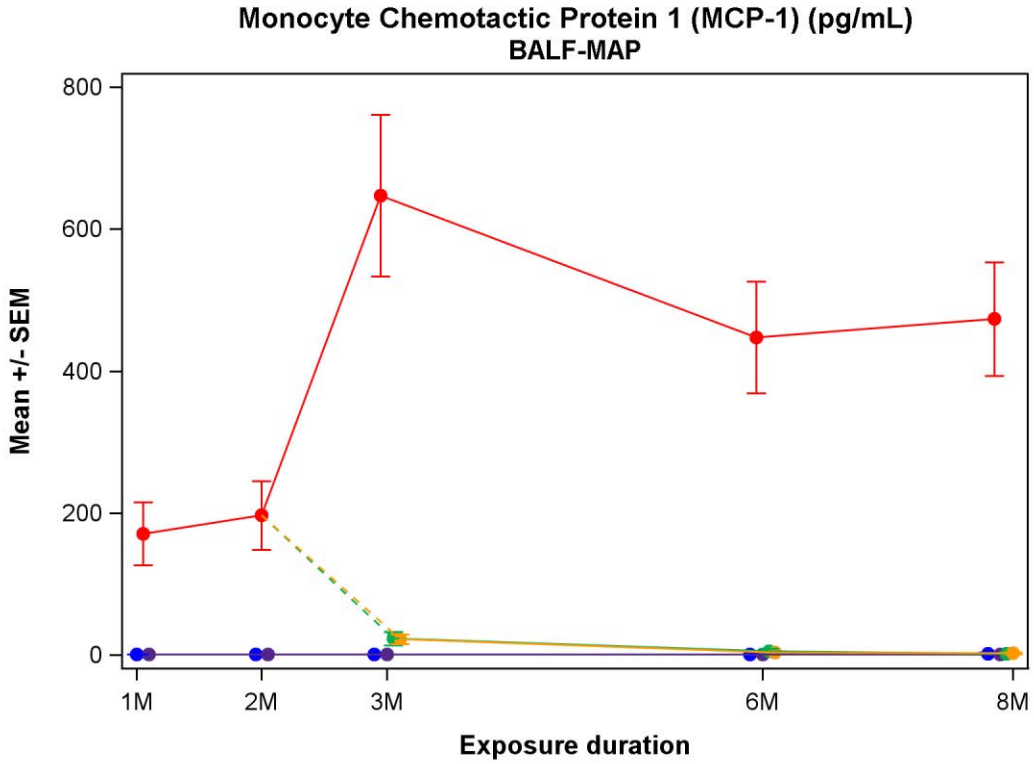
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.14	0	0.27	0.30	0.30	0.37	0.47	0.33	0.06	0.02	18.60			
	3R4F	10	0.14	0	1.70	5.10	15.50	17.00	24.00	12.74	8.03	2.54	63.01	***		
	THS2.2	10	0.14	0	0.24	0.27	0.32	0.63	1.30	0.50	0.37	0.12	73.41	(-)	***	
2M	Sham	10	0.08	6	0.04	0.04	0.04	0.11	0.14	0.07	0.04	0.01	55.58			
	3R4F	10	0.08	0	1.40	4.10	6.00	16.00	22.00	9.52	7.22	2.28	75.85	+++		
	THS2.2	10	0.08	8	0.04	0.04	0.04	0.04	0.79	0.12	0.24	0.07	191.85	(-)	+++	
3M	Sham	10	0.08	1	0.04	0.13	0.27	0.34	0.56	0.26	0.16	0.05	61.87			
	3R4F	10	0.08	0	5.20	7.80	22.50	28.00	38.00	21.16	11.59	3.66	54.77	***		
	THS2.2	10	0.08	4	0.04	0.04	0.09	0.12	0.32	0.11	0.09	0.03	79.73	*	***	
	cess	10	0.08	0	0.21	0.35	0.88	1.40	2.80	1.07	0.86	0.27	80.21	*	***	
	switch	10	0.08	0	0.28	0.68	1.35	2.30	5.80	1.75	1.65	0.52	94.31	*	***	(-)
6M	Sham	9	0.08	3	0.04	0.04	0.09	0.15	0.50	0.15	0.15	0.05	102.15			
	3R4F	10	0.08	0	5.40	7.10	10.50	22.00	31.00	13.95	9.04	2.86	64.78	+++		
	THS2.2	10	0.08	1	0.04	0.09	0.14	0.25	0.55	0.18	0.15	0.05	81.04	(-)	+++	
	cess	10	0.08	1	0.04	0.18	0.41	0.93	1.20	0.53	0.41	0.13	76.51	+	+++	
	switch	10	0.08	2	0.04	0.10	0.21	0.32	0.79	0.27	0.24	0.08	89.65	(-)	+++	-
8M	Sham	10	0.08	5	0.04	0.04	0.08	0.22	0.56	0.15	0.16	0.05	112.61			
	3R4F	10	0.08	0	8.90	13.00	15.00	22.00	28.00	17.35	6.52	2.06	37.56	+++		
	THS2.2	10	0.08	5	0.04	0.04	0.07	0.10	0.26	0.10	0.08	0.02	81.06	(-)	+++	
	cess	10	0.08	4	0.04	0.04	0.09	0.21	0.55	0.15	0.16	0.05	106.52	(-)	+++	
	switch	10	0.08	4	0.04	0.04	0.09	0.13	0.37	0.12	0.11	0.04	90.24	(-)	+++	(-)

Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-12.41	-18.15	-6.67	0.2596	0.0009	<.0001	***
	Sham	THS2.2	-0.17	-0.44	0.09	0.0008	0.1784	0.8174	(-)
	3R4F	THS2.2	12.24	6.49	17.99	0.1691	0.0009	<.0001	***
2M	Sham	3R4F	-9.45	-14.61	-4.28	0.0018	0.0025	<.0001	+++
	Sham	THS2.2	-0.05	-0.22	0.12	0.0001	0.5110	0.5091	(-)
	3R4F	THS2.2	9.40	4.23	14.56	0.0004	0.0026	<.0001	+++
3M	Sham	3R4F	-20.90	-29.19	-12.61	0.3847	0.0003	<.0001	***
	Sham	THS2.2	0.15	0.03	0.28	0.0822	0.0205	0.0135	*
	Sham	cess	-0.81	-1.43	-0.19	0.1381	0.0156	0.0034	*
	Sham	switch	-1.49	-2.67	-0.30	0.0945	0.0191	0.0004	*
	3R4F	THS2.2	21.05	12.76	29.34	0.3804	0.0003	<.0001	***
	3R4F	cess	20.09	11.79	28.39	0.5307	0.0004	0.0002	***
	3R4F	switch	19.41	11.09	27.74	0.5150	0.0005	<.0001	***
	cess	switch	-0.67	-1.94	0.59	0.0062	0.2706	0.3028	(-)
6M	Sham	3R4F	-13.80	-20.27	-7.34	0.0035	0.0009	<.0001	+++
	Sham	THS2.2	-0.04	-0.18	0.11	0.0003	0.6002	0.2765	(-)
	Sham	cess	-0.38	-0.69	-0.08	0.0384	0.0166	0.0120	+
	Sham	switch	-0.12	-0.31	0.07	0.0012	0.2030	0.1707	(-)
	3R4F	THS2.2	13.77	7.30	20.23	0.0058	0.0009	<.0001	+++
	3R4F	cess	13.42	6.95	19.89	0.0319	0.0011	<.0001	+++
	3R4F	switch	13.68	7.22	20.15	0.0069	0.0010	<.0001	+++
	cess	switch	0.26	-0.05	0.58	0.0600	0.0959	0.1371	-
8M	Sham	3R4F	-17.21	-21.87	-12.54	0.0297	<.0001	<.0001	+++
	Sham	THS2.2	0.05	-0.07	0.17	0.0001	0.4073	0.6166	(-)
	Sham	cess	-0.00	-0.15	0.15	0.0001	0.9671	0.9254	(-)
	Sham	switch	0.02	-0.11	0.15	0.0002	0.7491	0.9852	(-)
	3R4F	THS2.2	17.25	12.59	21.92	0.0335	<.0001	<.0001	+++
	3R4F	cess	17.20	12.54	21.86	0.0337	<.0001	<.0001	+++
	3R4F	switch	17.23	12.56	21.89	0.0423	<.0001	0.0002	+++
	cess	switch	0.02	-0.11	0.15	0.0002	0.7073	0.9885	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
BALF-MAP

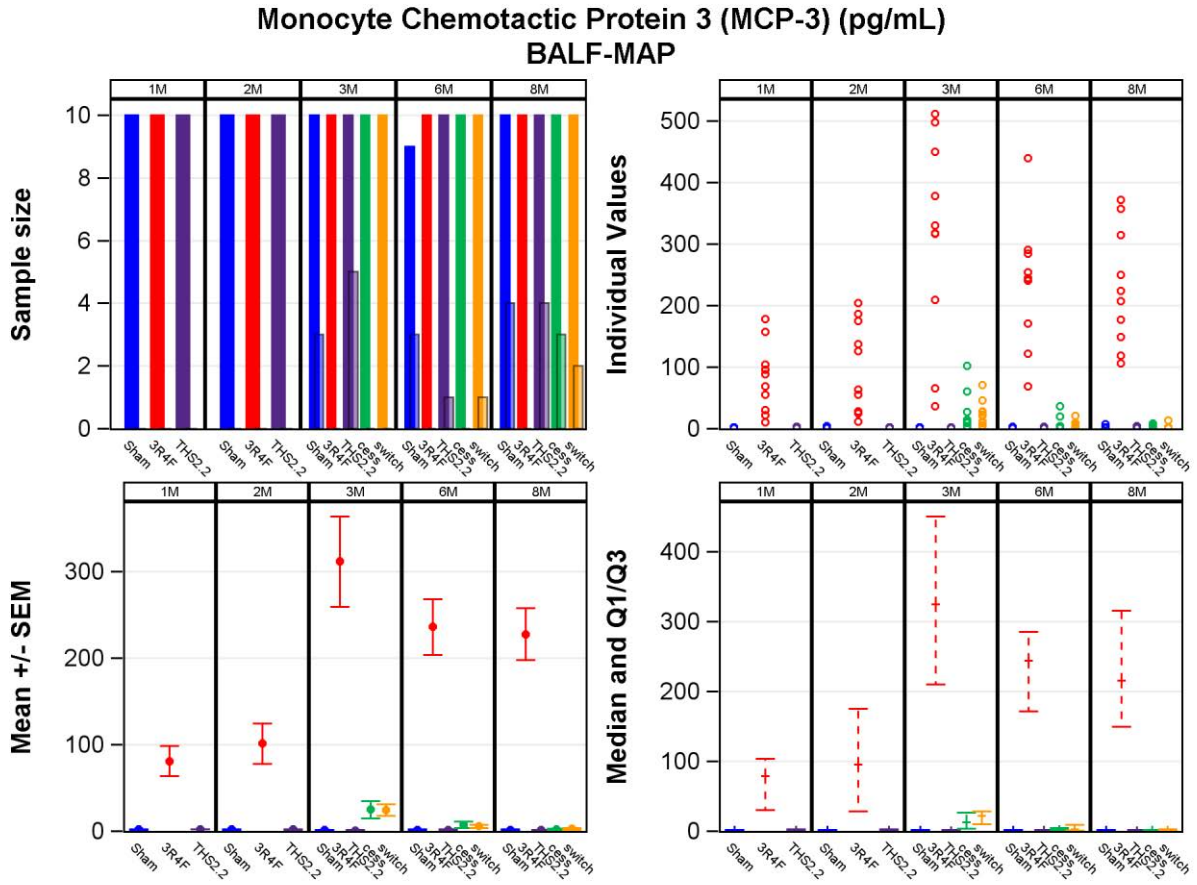
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.10	9	1.05	1.05	1.05	1.05	1.20	1.07	0.05	0.01	4.45			
	3R4F	10	2.10	0	17.00	64.00	148.50	207.00	469.00	171.10	140.14	44.32	81.91	+++		
	THS2.2	10	2.10	9	1.05	1.05	1.05	1.05	1.20	1.07	0.05	0.01	4.45	(-)	+++	
2M	Sham	10	2.10	10	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00			
	3R4F	10	2.10	0	20.00	49.00	171.00	317.00	471.00	197.00	153.05	48.40	77.69	n.a.		
	THS2.2	10	2.10	10	1.05	1.05	1.05	1.05	1.05	1.05	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	2.40	10	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00			
	3R4F	10	2.40	0	79.00	401.00	747.50	896.00	1130.0	647.40	359.96	113.83	55.60	n.a.		
	THS2.2	10	2.40	10	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	2.40	3	1.20	1.20	11.90	32.00	89.00	23.50	30.11	9.52	128.13	n.a.	***	
	switch	10	2.40	1	1.20	8.90	19.00	26.00	69.00	22.40	20.61	6.52	92.03	n.a.	***	(-)
6M	Sham	9	2.40	9	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00			
	3R4F	10	2.40	0	117.00	277.00	360.00	569.00	930.00	447.10	248.74	78.66	55.63	+++		
	THS2.2	10	2.40	10	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	2.40	8	1.20	1.20	1.20	1.20	29.00	5.66	9.75	3.08	172.32	(-)	+++	
	switch	10	2.40	6	1.20	1.20	1.20	4.20	18.00	3.94	5.27	1.67	133.65	(-)	+++	(-)
8M	Sham	10	2.40	9	1.20	1.20	1.20	1.20	13.00	2.38	3.73	1.18	156.79			
	3R4F	10	2.40	0	211.00	264.00	374.00	680.00	936.00	473.50	252.85	79.96	53.40	+++		
	THS2.2	10	2.40	10	1.20	1.20	1.20	1.20	1.20	1.20	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	2.40	8	1.20	1.20	1.20	1.20	5.30	1.90	1.50	0.48	79.08	(-)	+++	
	switch	10	2.40	9	1.20	1.20	1.20	1.20	16.00	2.68	4.68	1.48	174.63	(-)	+++	(-)

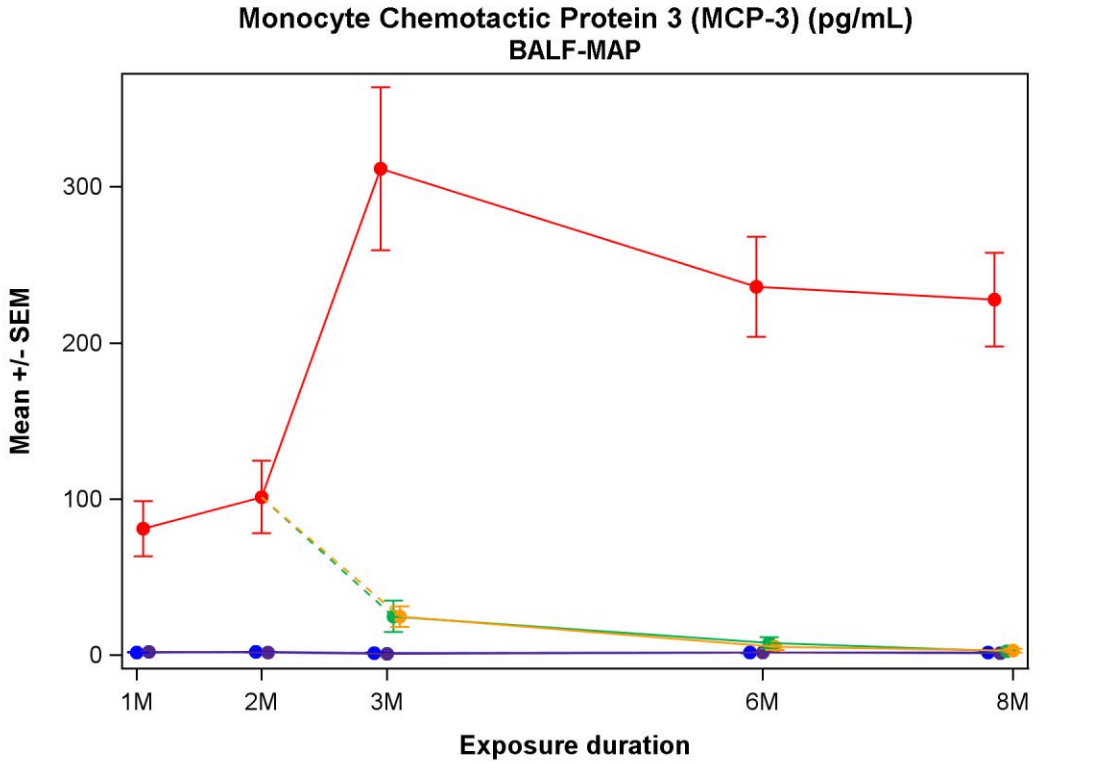
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-170.0	-270.3	-69.78	0.0001	0.0040	<.0001	+++
	Sham	THS2.2	0.00	-0.04	0.04	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	170.04	69.78	270.29	0.0001	0.0040	<.0001	+++
2M	Sham	3R4F	-196.0	-305.4	-86.46	.	0.0029	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	195.95	86.46	305.44	.	0.0029	<.0001	n.a.
3M	Sham	3R4F	-646.2	-903.7	-388.7	.	0.0003	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-22.30	-43.84	-0.76	.	0.0439	0.0037	n.a.
	Sham	switch	-21.20	-35.95	-6.45	.	0.0100	0.0002	n.a.
	3R4F	THS2.2	646.20	388.70	903.70	.	0.0003	<.0001	n.a.
	3R4F	cess	623.90	366.04	881.76	0.5299	0.0004	<.0001	***
	3R4F	switch	625.00	367.34	882.66	0.9306	0.0004	<.0001	***
	cess	switch	1.10	-23.37	25.57	0.0024	0.9252	0.5183	(-)
6M	Sham	3R4F	-445.9	-623.8	-268.0	0.0094	0.0003	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-4.46	-11.44	2.52	0.0001	0.1821	0.4768	(-)
	Sham	switch	-2.74	-6.51	1.03	0.0001	0.1343	0.0842	(-)
	3R4F	THS2.2	445.90	267.96	623.84	.	0.0003	<.0001	n.a.
	3R4F	cess	441.44	263.45	619.43	0.0006	0.0003	0.0001	+++
	3R4F	switch	443.16	265.21	621.11	0.0016	0.0003	<.0001	+++
	cess	switch	1.72	-5.81	9.25	0.0001	0.6313	0.6314	(-)
8M	Sham	3R4F	-471.1	-652.0	-290.2	0.0002	0.0002	0.0001	+++
	Sham	THS2.2	1.18	-1.49	3.85	.	0.3434	1.0000	n.a.
	Sham	cess	0.48	-2.30	3.26	0.0001	0.7126	1.0000	(-)
	Sham	switch	-0.30	-4.29	3.69	0.0001	0.8759	1.0000	(-)
	3R4F	THS2.2	472.30	291.42	653.18	.	0.0002	<.0001	n.a.
	3R4F	cess	471.60	290.72	652.48	0.0005	0.0002	<.0001	+++
	3R4F	switch	470.82	289.93	651.71	0.0002	0.0002	<.0001	+++
	cess	switch	-0.78	-4.21	2.65	0.0001	0.6258	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
BALF-MAP

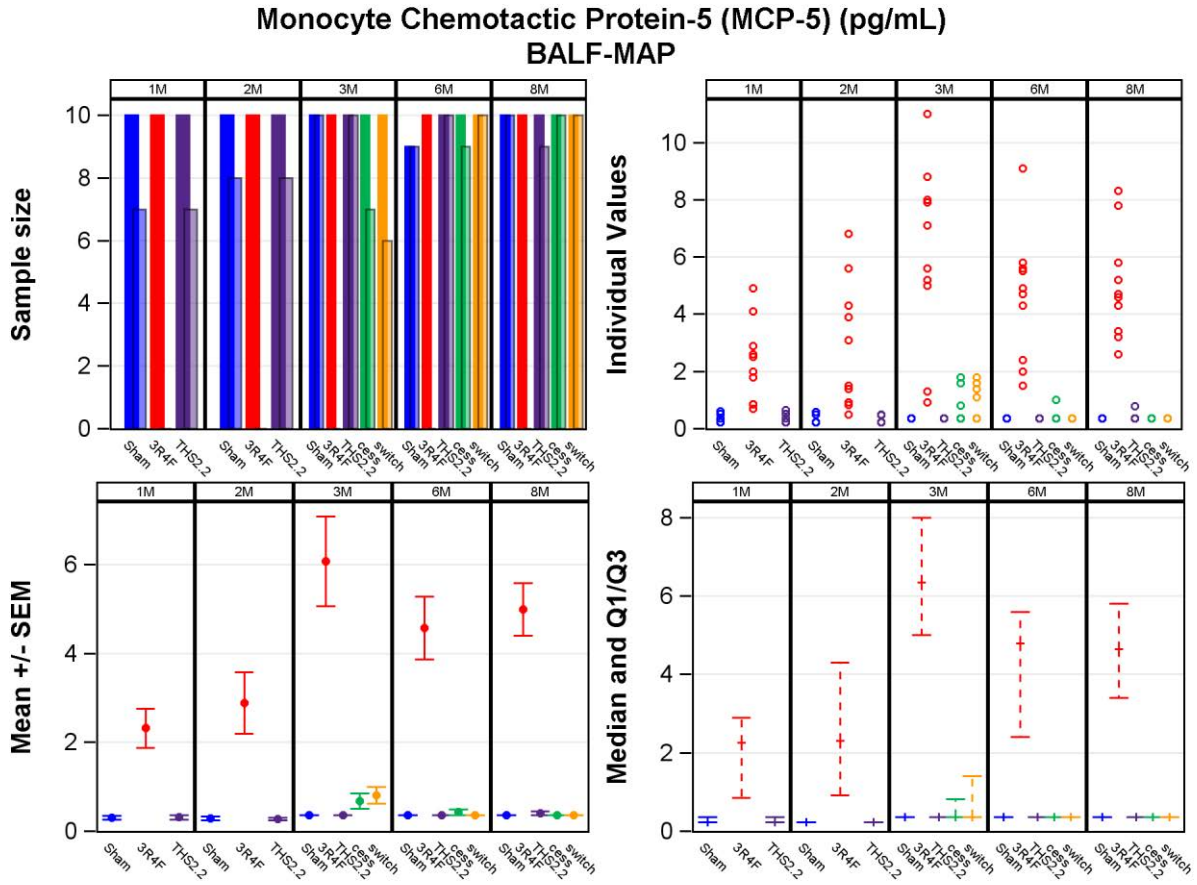
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.10	0	0.65	1.50	2.10	2.20	2.30	1.87	0.53	0.17	28.60			
	3R4F	10	1.10	0	10.00	30.00	79.00	104.00	178.00	81.00	55.72	17.62	68.79	**		
	THS2.2	10	1.10	0	1.30	1.80	2.20	2.30	2.70	2.10	0.46	0.15	22.11	-	**	
2M	Sham	10	1.10	0	1.50	1.50	1.65	2.10	3.80	1.94	0.71	0.23	36.71			
	3R4F	10	1.10	0	11.00	28.00	95.00	175.00	204.00	101.30	73.15	23.13	72.22	+++		
	THS2.2	10	1.10	0	1.50	1.50	1.70	2.30	2.50	1.88	0.43	0.13	22.68	(-)	+++	
3M	Sham	10	1.30	3	0.65	0.65	1.50	1.70	2.20	1.37	0.55	0.17	40.46			
	3R4F	10	1.30	0	36.00	210.00	324.50	450.00	512.00	311.60	165.16	52.23	53.01	***		
	THS2.2	10	1.30	5	0.65	0.65	0.98	1.40	1.80	1.07	0.46	0.15	43.26	-	***	
	cess	10	1.30	0	2.60	4.10	12.50	27.00	102.00	24.86	32.01	10.12	128.78	*	***	
	switch	10	1.30	0	3.80	9.90	22.00	28.00	71.00	24.56	20.72	6.55	84.38	**	***	(-)
6M	Sham	9	1.30	3	0.65	0.65	1.60	2.10	3.20	1.61	0.87	0.29	54.20			
	3R4F	10	1.30	0	69.00	171.00	243.50	285.00	440.00	236.00	101.44	32.08	42.98	***		
	THS2.2	10	1.30	1	0.65	1.30	1.50	2.10	2.90	1.74	0.67	0.21	38.57	-	***	
	cess	10	1.30	0	1.30	1.70	2.45	4.60	37.00	7.69	11.72	3.71	152.44	+	+++	
	switch	10	1.30	1	0.65	1.30	2.30	9.00	21.00	5.58	6.42	2.03	115.23	(-)	***	(-)
8M	Sham	10	1.30	4	0.65	0.65	1.40	1.60	7.30	1.77	2.00	0.63	112.89			
	3R4F	10	1.30	0	106.00	149.00	215.50	315.00	372.00	227.70	95.31	30.14	41.86	+++		
	THS2.2	10	1.30	4	0.65	0.65	1.35	2.00	3.80	1.49	0.99	0.31	66.44	(-)	***	
	cess	10	1.30	3	0.65	0.65	1.65	2.00	8.10	2.41	2.44	0.77	101.26	(-)	+++	
	switch	10	1.30	2	0.65	1.30	1.60	2.40	14.00	2.81	3.98	1.26	141.69	(-)	+++	(-)

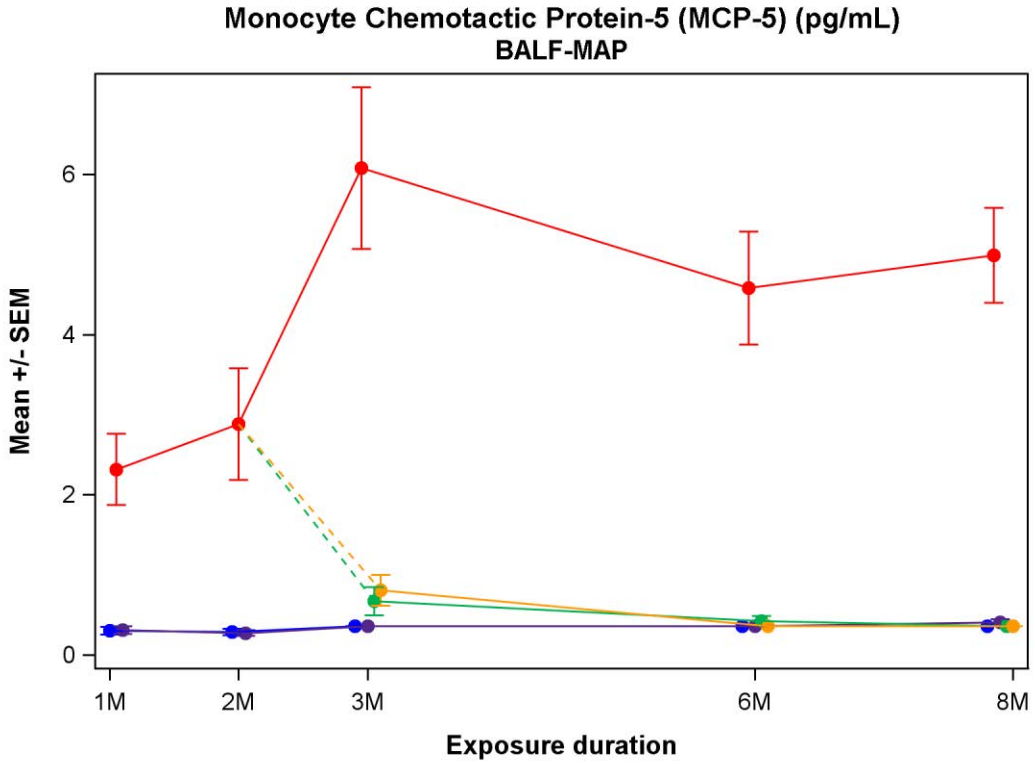
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-79.14	-119.0	-39.27	0.8180	0.0015	<.0001	**
	Sham	THS2.2	-0.24	-0.71	0.24	0.1142	0.3075	0.3322	-
	3R4F	THS2.2	78.90	39.04	118.76	0.6641	0.0015	<.0001	**
2M	Sham	3R4F	-99.36	-151.7	-47.03	0.0394	0.0020	<.0001	+++
	Sham	THS2.2	0.06	-0.50	0.62	0.0030	0.8223	0.8364	(-)
	3R4F	THS2.2	99.42	47.09	151.75	0.0106	0.0020	0.0001	+++
3M	Sham	3R4F	-310.2	-428.4	-192.1	0.1424	0.0002	<.0001	***
	Sham	THS2.2	0.30	-0.18	0.78	0.0511	0.2042	0.1973	-
	Sham	cess	-23.50	-46.40	-0.59	0.2802	0.0454	<.0001	*
	Sham	switch	-23.20	-38.02	-8.37	0.4138	0.0063	<.0001	**
	3R4F	THS2.2	310.54	192.38	428.69	0.2457	0.0002	<.0001	***
	3R4F	cess	286.74	167.66	405.82	0.3903	0.0003	0.0001	***
	3R4F	switch	287.04	168.51	405.57	0.8352	0.0004	0.0002	***
	cess	switch	0.30	-25.34	25.94	0.0013	0.9805	0.4711	(-)
6M	Sham	3R4F	-234.4	-307.0	-161.8	0.2729	<.0001	<.0001	***
	Sham	THS2.2	-0.13	-0.89	0.64	0.6485	0.7235	0.9201	-
	Sham	cess	-6.08	-14.48	2.31	0.0148	0.1358	0.0416	+
	Sham	switch	-3.97	-8.58	0.65	0.0478	0.0838	0.3086	(-)
	3R4F	THS2.2	234.27	161.70	306.83	0.6036	<.0001	<.0001	***
	3R4F	cess	228.31	155.55	301.07	0.0302	<.0001	<.0001	+++
	3R4F	switch	230.43	157.80	303.05	0.0830	<.0001	<.0001	***
	cess	switch	2.11	-6.95	11.18	0.0001	0.6246	0.5401	(-)
8M	Sham	3R4F	-225.9	-294.1	-157.7	0.0084	<.0001	<.0001	+++
	Sham	THS2.2	0.28	-1.24	1.80	0.0002	0.6977	0.8700	(-)
	Sham	cess	-0.63	-2.73	1.46	0.0001	0.5322	0.3910	(-)
	Sham	switch	-1.04	-4.08	2.00	0.0001	0.4732	0.2972	(-)
	3R4F	THS2.2	226.21	158.03	294.39	0.1456	<.0001	<.0001	***
	3R4F	cess	225.30	157.11	293.48	0.0345	<.0001	<.0001	+++
	3R4F	switch	224.89	156.69	293.09	0.0047	<.0001	<.0001	+++
	cess	switch	-0.41	-3.55	2.74	0.0001	0.7875	0.8118	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
BALF-MAP

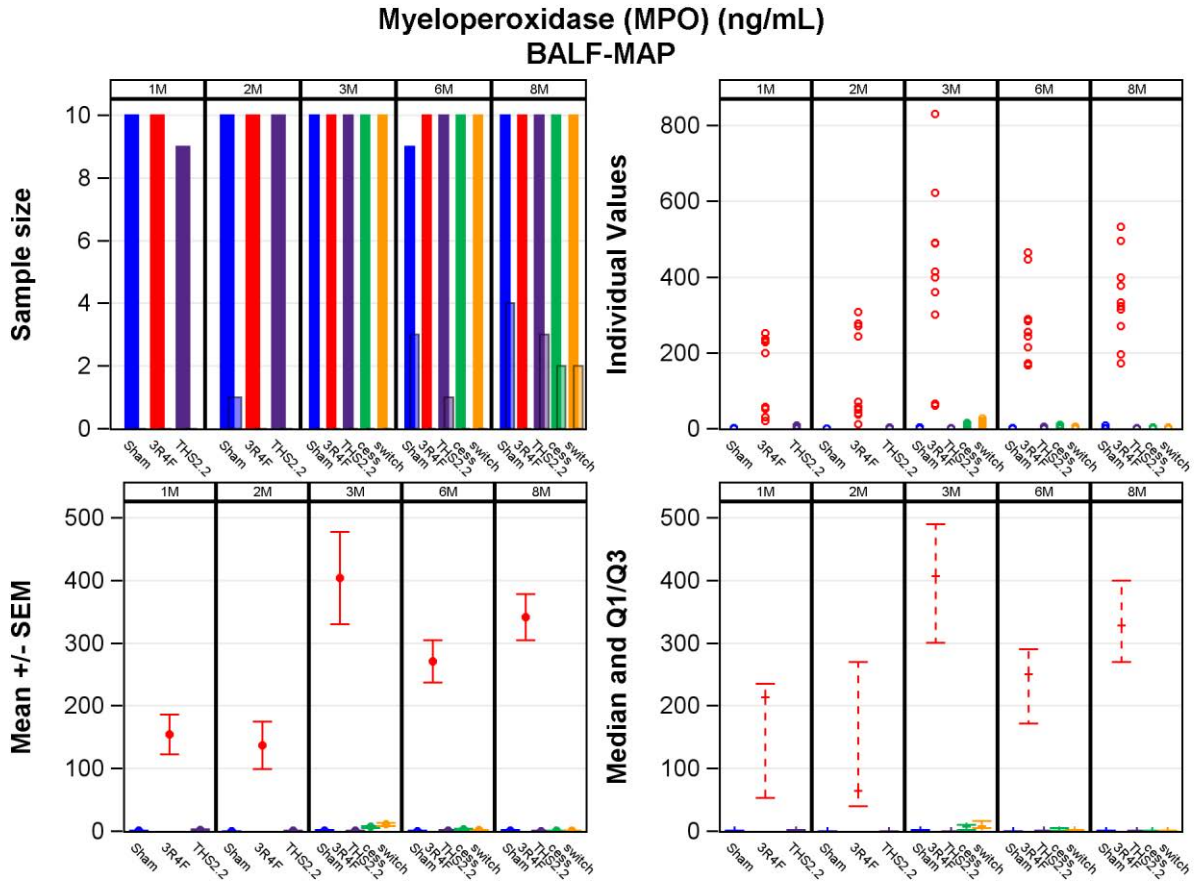
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.45	7	0.23	0.23	0.23	0.37	0.61	0.31	0.14	0.05	47.03			
	3R4F	10	0.45	0	0.69	0.85	2.25	2.90	4.90	2.32	1.40	0.44	60.34	+++		
	THS2.2	10	0.45	7	0.23	0.23	0.23	0.37	0.65	0.31	0.15	0.05	49.50	(-)	+++	
2M	Sham	10	0.45	8	0.23	0.23	0.23	0.23	0.58	0.29	0.13	0.04	46.58			
	3R4F	10	0.45	0	0.50	0.92	2.30	4.30	6.80	2.89	2.20	0.70	76.29	+++		
	THS2.2	10	0.45	8	0.23	0.23	0.23	0.23	0.50	0.28	0.11	0.03	39.11	(-)	+++	
3M	Sham	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00			
	3R4F	10	0.73	0	0.91	5.00	6.35	8.00	11.00	6.08	3.19	1.01	52.40	n.a.		
	THS2.2	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.73	7	0.37	0.37	0.37	0.81	1.80	0.68	0.56	0.18	82.63	n.a.	***	
	switch	10	0.73	6	0.37	0.37	0.37	1.40	1.80	0.81	0.60	0.19	73.99	n.a.	***	(-)
6M	Sham	9	0.73	9	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00			
	3R4F	10	0.73	0	1.50	2.40	4.80	5.60	9.10	4.58	2.23	0.71	48.77	+++		
	THS2.2	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.73	9	0.37	0.37	0.37	0.37	1.00	0.43	0.20	0.06	46.86	(-)	+++	
	switch	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00			
	3R4F	10	0.73	0	2.60	3.40	4.65	5.80	8.30	4.99	1.88	0.59	37.62	n.a.		
	THS2.2	10	0.73	9	0.37	0.37	0.37	0.37	0.78	0.41	0.13	0.04	32.28	n.a.	+++	
	cess	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.73	10	0.37	0.37	0.37	0.37	0.37	0.37	0.00	0.00	0.00	n.a.	n.a.	n.a.

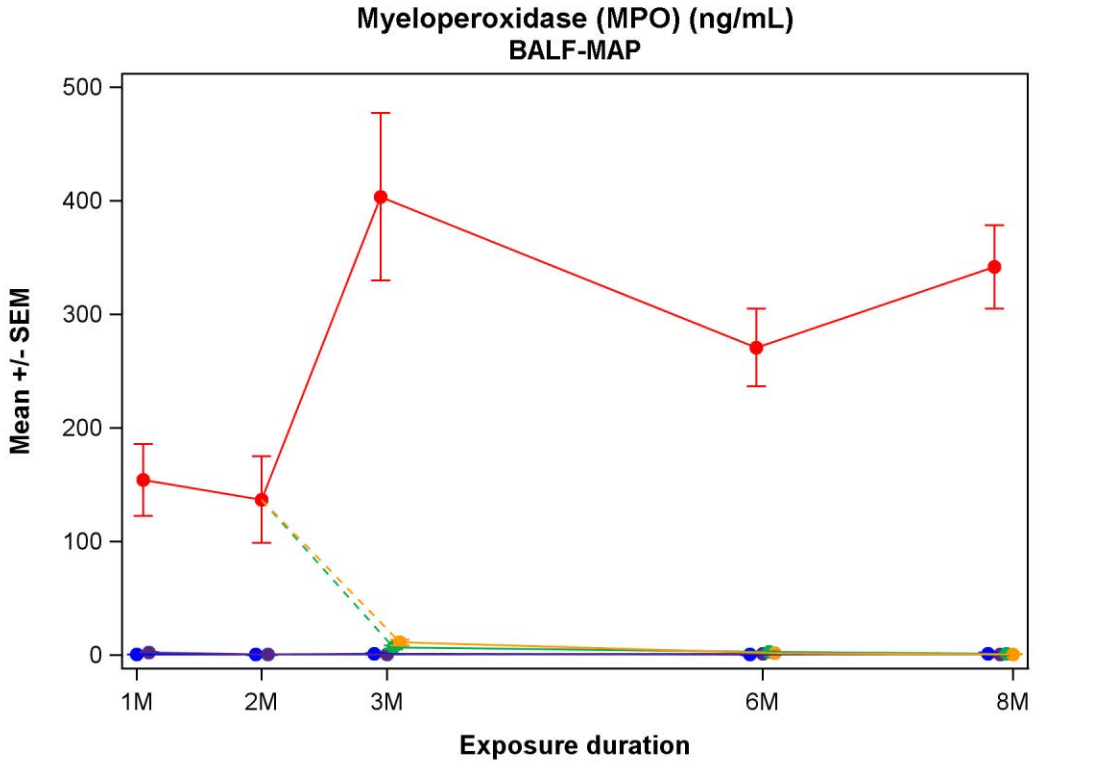
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-2.01	-3.02	-1.01	0.0094	0.0014	<.0001	+++
	Sham	THS2.2	-0.00	-0.14	0.14	0.0001	0.9529	1.0000	(-)
	3R4F	THS2.2	2.01	1.00	3.01	0.0103	0.0014	<.0001	+++
2M	Sham	3R4F	-2.60	-4.17	-1.02	0.0017	0.0047	0.0002	+++
	Sham	THS2.2	0.01	-0.10	0.13	0.0001	0.8282	0.8578	(-)
	3R4F	THS2.2	2.61	1.03	4.19	0.0013	0.0046	0.0001	+++
3M	Sham	3R4F	-5.72	-8.00	-3.44	.	0.0003	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.31	-0.71	0.09	.	0.1119	0.2129	n.a.
	Sham	switch	-0.44	-0.87	-0.02	.	0.0436	0.0886	n.a.
	3R4F	THS2.2	5.72	3.44	8.00	.	0.0003	<.0001	n.a.
	3R4F	cess	5.40	3.11	7.70	0.1105	0.0004	<.0001	***
	3R4F	switch	5.27	2.98	7.57	0.2617	0.0005	0.0003	***
	cess	switch	-0.13	-0.68	0.41	0.0001	0.6152	0.7276	(-)
6M	Sham	3R4F	-4.22	-5.81	-2.62	0.0014	0.0002	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.06	-0.21	0.08	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	4.22	2.62	5.81	.	0.0002	<.0001	n.a.
	3R4F	cess	4.15	2.55	5.75	0.0011	0.0002	<.0001	+++
	3R4F	switch	4.22	2.62	5.81	.	0.0002	<.0001	n.a.
	cess	switch	0.06	-0.08	0.21	.	0.3434	1.0000	n.a.
8M	Sham	3R4F	-4.63	-5.97	-3.28	.	<.0001	<.0001	n.a.
	Sham	THS2.2	-0.04	-0.14	0.05	.	0.3434	1.0000	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	4.58	3.24	5.93	0.0002	<.0001	<.0001	+++
	3R4F	cess	4.63	3.28	5.97	.	<.0001	<.0001	n.a.
	3R4F	switch	4.63	3.28	5.97	.	<.0001	<.0001	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Myeloperoxidase (MPO) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Myeloperoxidase (MPO) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Myeloperoxidase (MPO) (ng/mL)
BALF-MAP

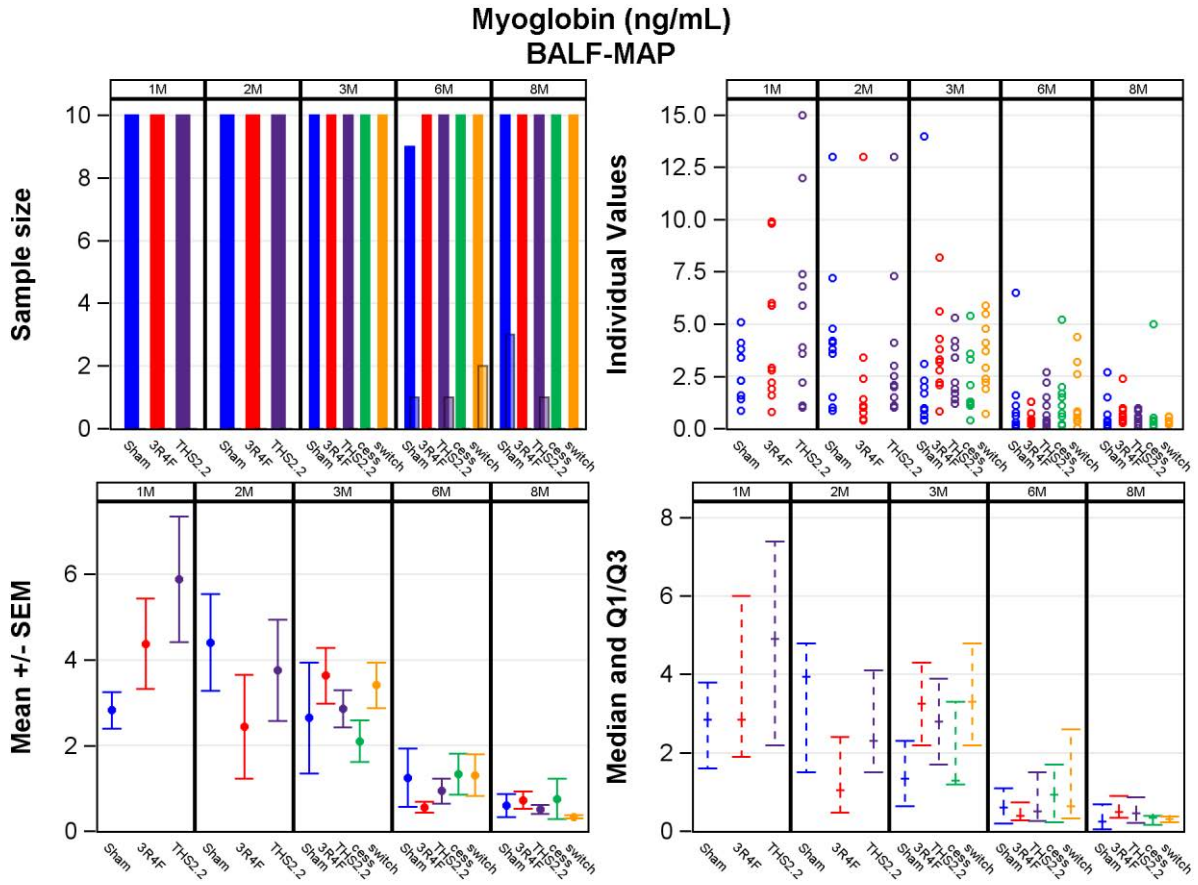
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.13	0	0.17	0.35	0.57	0.83	1.10	0.59	0.29	0.09	50.16			
	3R4F	10	0.13	0	20.00	53.00	214.00	235.00	252.00	154.20	99.68	31.52	64.64	***		
	THS2.2	9	0.13	0	0.39	0.39	0.78	1.70	8.40	2.14	2.91	0.97	135.96	-	***	
2M	Sham	10	0.13	1	0.07	0.20	0.30	0.47	0.82	0.36	0.23	0.07	63.69			
	3R4F	10	0.13	0	12.00	40.00	64.50	270.00	308.00	136.90	120.77	38.19	88.22	+++		
	THS2.2	10	0.13	0	0.16	0.20	0.24	0.44	2.90	0.55	0.84	0.27	152.17	(-)	+++	
3M	Sham	10	0.13	0	0.18	0.49	0.98	2.10	3.10	1.26	1.01	0.32	79.85			
	3R4F	10	0.13	0	61.00	301.00	406.50	490.00	831.00	403.50	233.19	73.74	57.79	***		
	THS2.2	10	0.13	0	0.24	0.34	0.43	0.51	1.90	0.55	0.48	0.15	87.55	(-)	+++	
	cess	10	0.13	0	1.50	1.90	7.25	10.00	16.00	7.01	4.98	1.57	71.05	++	***	
	switch	10	0.13	0	2.00	5.40	8.00	16.00	27.00	11.10	8.18	2.59	73.72	+++	***	-
6M	Sham	9	0.13	3	0.07	0.07	0.28	0.44	1.90	0.50	0.60	0.20	121.47			
	3R4F	10	0.13	0	168.00	172.00	250.00	290.00	465.00	270.90	107.46	33.98	39.67	+++		
	THS2.2	10	0.13	1	0.07	0.28	0.79	0.96	4.80	1.10	1.40	0.44	126.57	(-)	+++	
	cess	10	0.13	0	0.18	0.66	1.30	4.70	9.90	2.74	3.13	0.99	114.23	+	+++	
	switch	10	0.13	0	0.17	0.42	1.19	2.50	5.40	1.82	1.86	0.59	102.04	+	+++	(-)
8M	Sham	10	0.13	4	0.07	0.07	0.34	0.63	8.90	1.31	2.73	0.86	209.08			
	3R4F	10	0.13	0	172.00	270.00	328.50	400.00	533.00	341.70	115.96	36.67	33.94	+++		
	THS2.2	10	0.13	3	0.07	0.07	0.42	0.71	1.60	0.50	0.49	0.15	97.95	(-)	***	
	cess	10	0.13	2	0.07	0.19	0.41	0.78	4.20	0.98	1.38	0.44	140.87	(-)	+++	
	switch	10	0.13	2	0.07	0.15	0.43	0.60	3.80	0.84	1.18	0.37	140.71	(-)	+++	(-)

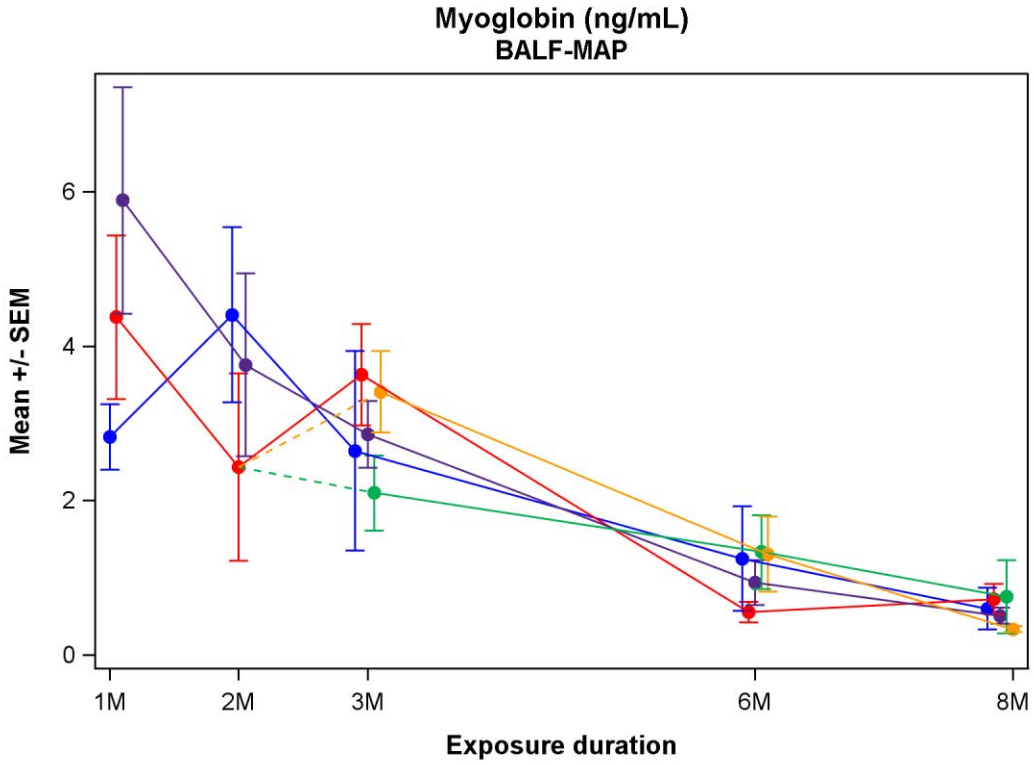
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Myeloperoxidase (MPO) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-153.6	-224.9	-82.31	0.1069	0.0009	<.0001	***
	Sham	THS2.2	-1.56	-3.80	0.69	0.0623	0.1489	0.2775	-
	3R4F	THS2.2	152.06	80.74	223.38	0.1636	0.0009	0.0001	***
2M	Sham	3R4F	-136.5	-222.9	-50.15	0.0245	0.0060	<.0001	+++
	Sham	THS2.2	-0.19	-0.80	0.42	0.0004	0.5066	0.6492	(-)
	3R4F	THS2.2	136.35	49.96	222.74	0.0012	0.0060	<.0001	+++
3M	Sham	3R4F	-402.2	-569.0	-235.4	0.4839	0.0004	0.0001	***
	Sham	THS2.2	0.71	-0.05	1.48	0.0010	0.0657	0.0704	(-)
	Sham	cess	-5.75	-9.34	-2.15	0.0478	0.0053	0.0013	++
	Sham	switch	-9.84	-15.71	-3.97	0.0304	0.0042	<.0001	+++
	3R4F	THS2.2	402.95	236.14	569.76	0.0073	0.0004	<.0001	+++
	3R4F	cess	396.49	229.66	563.32	0.4768	0.0004	<.0001	***
	3R4F	switch	392.40	225.55	559.25	0.5912	0.0005	<.0001	***
	cess	switch	-4.09	-10.55	2.37	0.0720	0.1972	0.2943	-
6M	Sham	3R4F	-270.4	-347.3	-193.5	0.0036	<.0001	<.0001	+++
	Sham	THS2.2	-0.61	-1.66	0.44	0.0001	0.2332	0.2214	(-)
	Sham	cess	-2.24	-4.50	0.01	0.0003	0.0512	0.0157	+
	Sham	switch	-1.33	-2.69	0.04	0.0016	0.0560	0.0299	+
	3R4F	THS2.2	269.80	192.92	346.67	0.0012	<.0001	<.0001	+++
	3R4F	cess	268.16	191.27	345.04	0.0053	<.0001	<.0001	+++
	3R4F	switch	269.08	192.20	345.95	0.0032	<.0001	<.0001	+++
	cess	switch	0.92	-1.54	3.38	0.0017	0.4381	0.4719	(-)
8M	Sham	3R4F	-340.4	-423.4	-257.4	0.0062	<.0001	<.0001	+++
	Sham	THS2.2	0.81	-1.16	2.78	0.0003	0.3791	0.6651	(-)
	Sham	cess	0.32	-1.76	2.41	0.0001	0.7432	0.6671	(-)
	Sham	switch	0.47	-1.58	2.51	0.0001	0.6279	0.8623	(-)
	3R4F	THS2.2	341.20	258.25	424.16	0.3335	<.0001	<.0001	***
	3R4F	cess	340.72	257.76	423.67	0.0406	<.0001	<.0001	+++
	3R4F	switch	340.86	257.90	423.82	0.0425	<.0001	<.0001	+++
	cess	switch	0.14	-1.07	1.36	0.0001	0.8053	0.9253	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Myoglobin (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Myoglobin (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

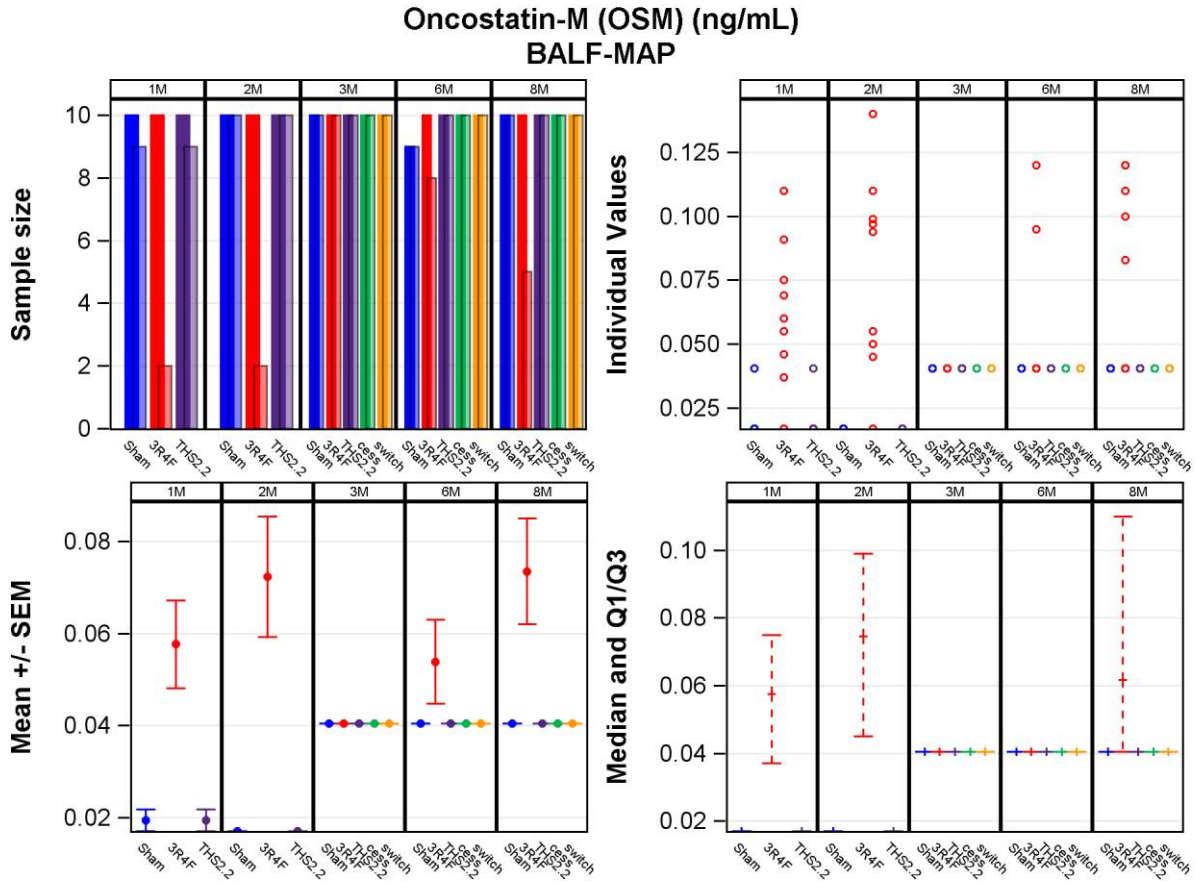
Myoglobin (ng/mL)
BALF-MAP

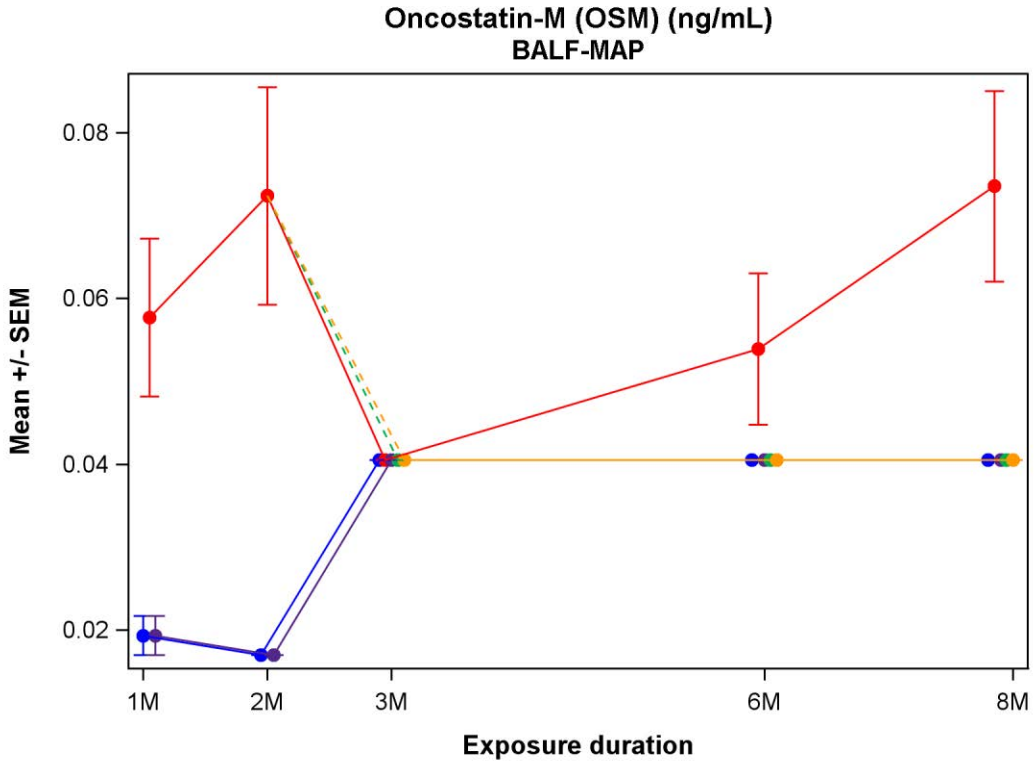
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.06	0	0.85	1.60	2.85	3.80	5.10	2.83	1.35	0.43	47.78			
	3R4F	10	0.06	0	0.79	1.90	2.85	6.00	9.90	4.38	3.35	1.06	76.50	-		
	THS2.2	10	0.06	0	1.00	2.20	4.90	7.40	15.00	5.89	4.63	1.46	78.64	-	(-)	
2M	Sham	10	0.09	0	0.87	1.50	3.95	4.80	13.00	4.41	3.58	1.13	81.30			
	3R4F	10	0.09	0	0.41	0.47	1.05	2.40	13.00	2.44	3.83	1.21	157.30	+		
	THS2.2	10	0.09	0	1.00	1.50	2.30	4.10	13.00	3.76	3.74	1.18	99.45	(-)	(-)	
3M	Sham	10	0.09	0	0.39	0.63	1.35	2.30	14.00	2.64	4.09	1.29	154.61			
	3R4F	10	0.09	0	0.83	2.20	3.25	4.30	8.20	3.63	2.07	0.65	56.89	+		
	THS2.2	10	0.09	0	1.20	1.70	2.80	3.90	5.30	2.86	1.37	0.43	48.06	(-)	-	
	cess	10	0.09	0	0.39	1.20	1.30	3.30	5.40	2.10	1.54	0.49	73.18	(-)	(-)	
	switch	10	0.09	0	0.71	2.20	3.30	4.80	5.90	3.41	1.68	0.53	49.23	+	-	-
6M	Sham	9	0.09	1	0.05	0.19	0.61	1.10	6.50	1.25	2.03	0.68	162.96			
	3R4F	10	0.09	0	0.17	0.28	0.40	0.73	1.30	0.56	0.42	0.13	74.42	(-)		
	THS2.2	10	0.09	1	0.05	0.26	0.51	1.50	2.70	0.94	0.92	0.29	97.29	(-)	(-)	
	cess	10	0.09	0	0.14	0.23	0.93	1.70	5.20	1.34	1.51	0.48	112.80	(-)	(-)	
	switch	10	0.09	2	0.05	0.33	0.63	2.60	4.40	1.31	1.53	0.48	116.60	(-)	(-)	(-)
8M	Sham	10	0.09	3	0.05	0.05	0.25	0.68	2.70	0.60	0.86	0.27	143.22			
	3R4F	10	0.09	0	0.28	0.35	0.50	0.90	2.40	0.73	0.64	0.20	87.57	(-)		
	THS2.2	10	0.09	1	0.05	0.22	0.47	0.87	0.97	0.51	0.33	0.10	63.92	(-)	(-)	
	cess	10	0.09	0	0.11	0.16	0.34	0.40	5.00	0.75	1.50	0.47	198.66	(-)	(-)	
	switch	10	0.09	0	0.21	0.23	0.31	0.37	0.58	0.34	0.13	0.04	38.08	(-)	+	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Myoglobin (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.55	-4.05	0.94	0.1065	0.1989	0.5401	-
	Sham	THS2.2	-3.07	-6.44	0.31	0.4064	0.0709	0.1376	-
	3R4F	THS2.2	-1.51	-5.34	2.31	0.0170	0.4152	0.4711	(-)
2M	Sham	3R4F	1.97	-1.52	5.46	0.0001	0.2506	0.0261	+
	Sham	THS2.2	0.65	-2.79	4.09	0.0008	0.6974	0.5715	(-)
	3R4F	THS2.2	-1.32	-4.88	2.23	0.0001	0.4448	0.0657	(-)
3M	Sham	3R4F	-0.99	-4.11	2.13	0.0005	0.5065	0.0294	+
	Sham	THS2.2	-0.22	-3.22	2.79	0.0113	0.8770	0.0797	(-)
	Sham	cess	0.55	-2.48	3.57	0.0002	0.7003	0.4930	(-)
	Sham	switch	-0.77	-3.81	2.28	0.0246	0.5932	0.0445	+
	3R4F	THS2.2	0.77	-0.89	2.44	0.3284	0.3397	0.4907	-
	3R4F	cess	1.53	-0.19	3.26	0.0248	0.0772	0.0750	(-)
	3R4F	switch	0.22	-1.55	2.00	0.7869	0.7952	0.9261	-
	cess	switch	-1.31	-2.82	0.20	0.3020	0.0851	0.0648	-
6M	Sham	3R4F	0.69	-0.89	2.26	0.0002	0.3469	0.8850	(-)
	Sham	THS2.2	0.31	-1.32	1.93	0.0010	0.6844	0.7664	(-)
	Sham	cess	-0.09	-1.86	1.68	0.0001	0.9155	0.5102	(-)
	Sham	switch	-0.06	-1.84	1.72	0.0002	0.9428	0.8395	(-)
	3R4F	THS2.2	-0.38	-1.07	0.31	0.0014	0.2547	0.6108	(-)
	3R4F	cess	-0.78	-1.88	0.32	0.0008	0.1466	0.2886	(-)
	3R4F	switch	-0.75	-1.86	0.36	0.0006	0.1648	0.4208	(-)
	cess	switch	0.03	-1.40	1.45	0.0009	0.9666	0.7257	(-)
8M	Sham	3R4F	-0.12	-0.84	0.59	0.0001	0.7192	0.1469	(-)
	Sham	THS2.2	0.09	-0.55	0.73	0.0365	0.7619	0.3654	(-)
	Sham	cess	-0.15	-1.32	1.02	0.0001	0.7850	0.6298	(-)
	Sham	switch	0.27	-0.35	0.88	0.0012	0.3604	0.6203	(-)
	3R4F	THS2.2	0.21	-0.27	0.70	0.0426	0.3597	0.5387	(-)
	3R4F	cess	-0.03	-1.15	1.09	0.0001	0.9575	0.0623	(-)
	3R4F	switch	0.39	-0.07	0.85	0.0010	0.0879	0.0154	+
	cess	switch	0.42	-0.66	1.49	0.0001	0.4029	0.8384	(-)


Oncostatin-M (OSM) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

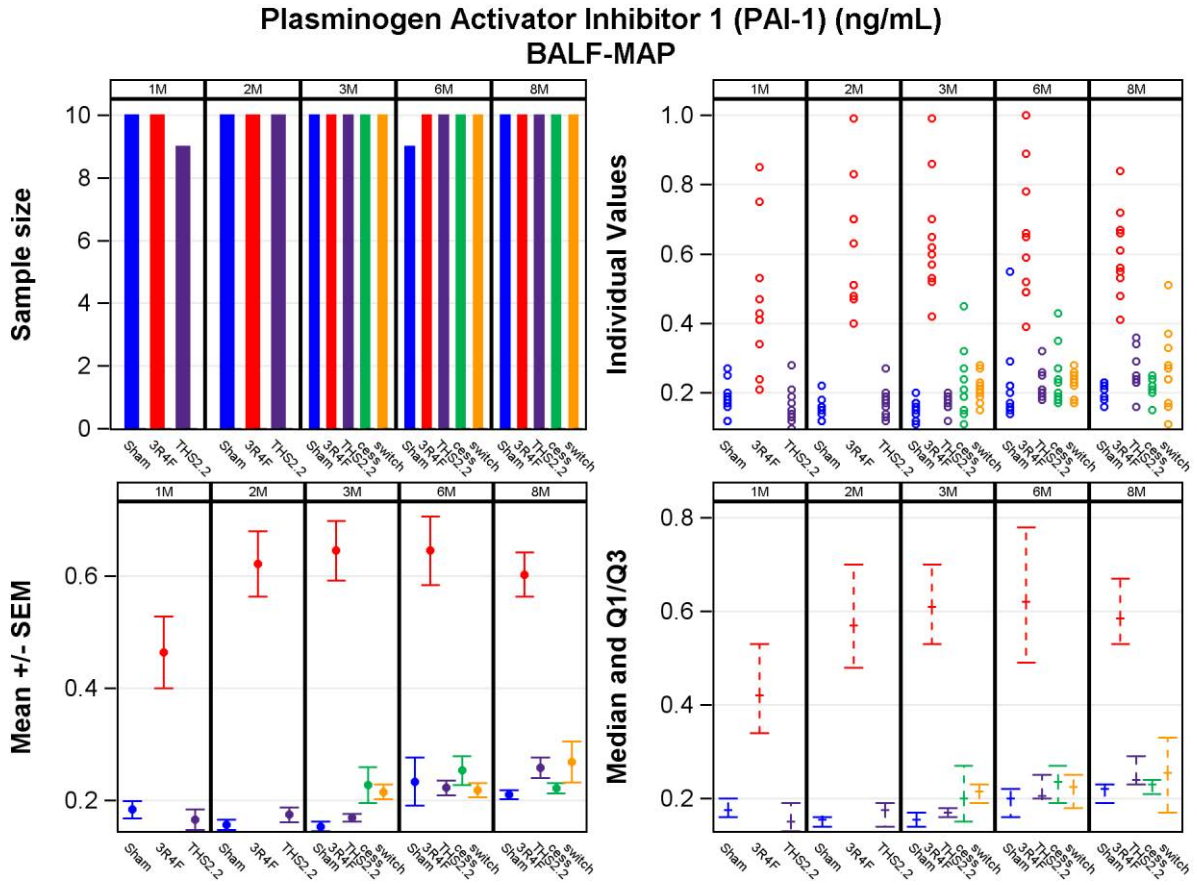

Oncostatin-M (OSM) (ng/mL)
BALF-MAP
Mean +/- SEM
0.08
0.06
0.04
0.02
1M
2M
3M
6M
8M
Exposure duration

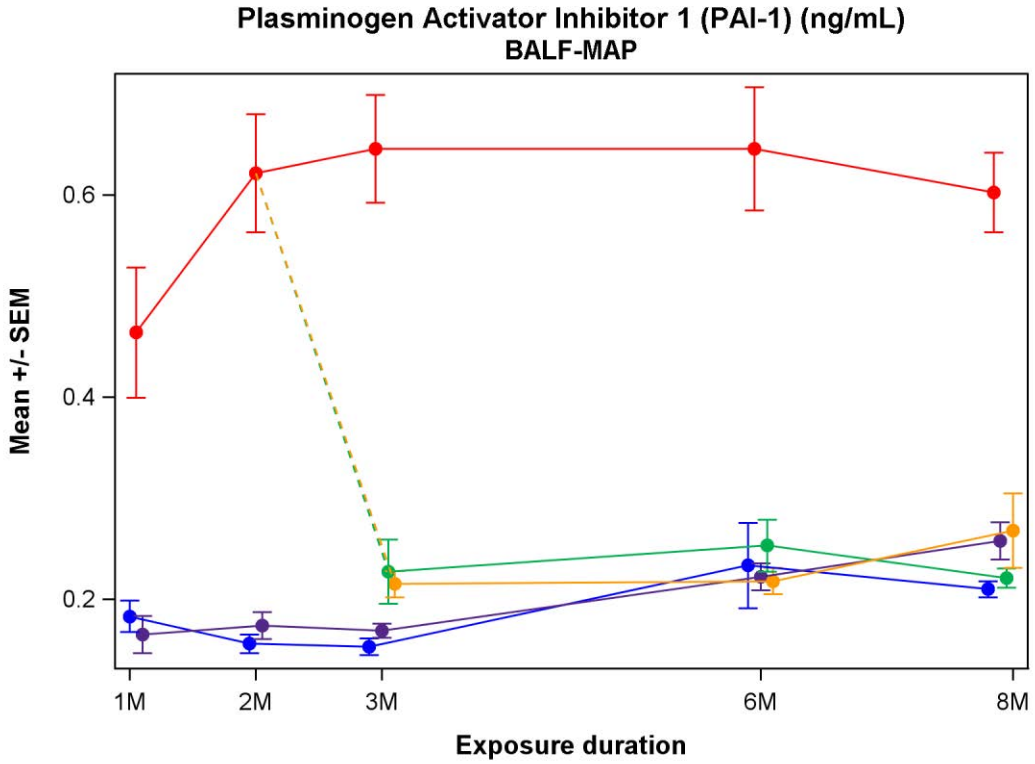
Oncostatin-M (OSM) (ng/mL)
BALF-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.03	9	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	38.40			
	3R4F	10	0.03	2	0.02	0.04	0.06	0.08	0.11	0.06	0.03	0.01	52.19	++		
	THS2.2	10	0.03	9	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	38.40	(-)	++	
2M	Sham	10	0.03	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.03	2	0.02	0.05	0.07	0.10	0.14	0.07	0.04	0.01	57.24	n.a.		
	THS2.2	10	0.03	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00			
	3R4F	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.08	9	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00			
	3R4F	10	0.08	8	0.04	0.04	0.04	0.04	0.12	0.05	0.03	0.01	53.54	(-)		
	THS2.2	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00			
	3R4F	10	0.08	5	0.04	0.04	0.06	0.11	0.12	0.07	0.04	0.01	49.43	n.a.		
	THS2.2	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.08	10	0.04	0.04	0.04	0.04	0.04	0.04	0.00	0.00	0.00	n.a.	n.a.	n.a.

Oncostatin-M (OSM) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.04	-0.06	-0.02	0.0015	0.0029	0.0016	++
	Sham	THS2.2	-0.00	-0.01	0.01	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.04	0.02	0.06	0.0015	0.0029	0.0023	++
2M	Sham	3R4F	-0.06	-0.09	-0.03	.	0.0022	0.0004	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.06	0.03	0.09	.	0.0022	0.0004	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	-0.01	-0.03	0.01	0.0001	0.1761	0.4724	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.01	-0.01	0.03	.	0.1761	0.4722	n.a.
	3R4F	cess	0.01	-0.01	0.03	.	0.1761	0.4707	n.a.
	3R4F	switch	0.01	-0.01	0.03	.	0.1761	0.4756	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-0.03	-0.06	-0.01	.	0.0183	0.0344	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.03	0.01	0.06	.	0.0183	0.0353	n.a.
	3R4F	cess	0.03	0.01	0.06	.	0.0183	0.0326	n.a.
	3R4F	switch	0.03	0.01	0.06	.	0.0183	0.0297	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.


Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
BALF-MAP
Mean +/- SEM
0.2
0.4
0.6
1M
2M
3M
6M
8M
Exposure duration

Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
BALF-MAP

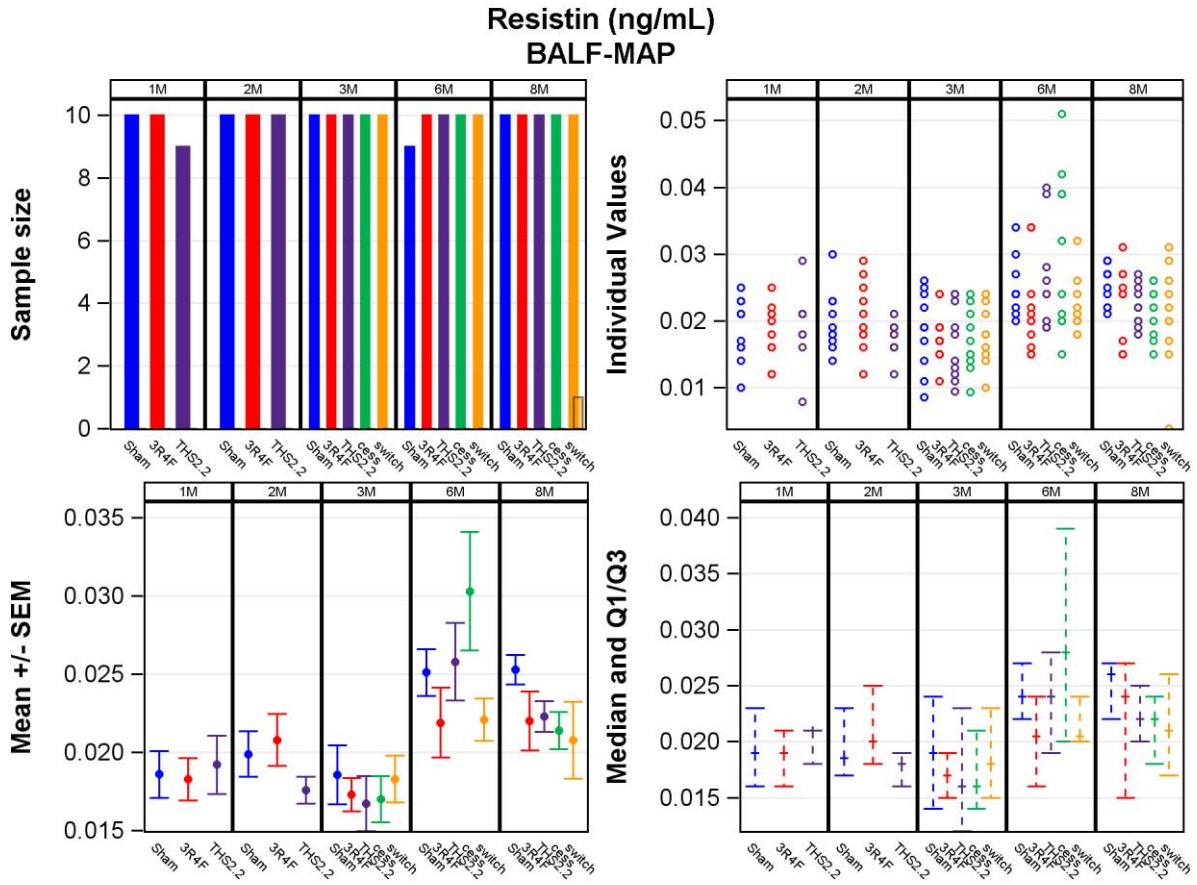
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	0	0.12	0.16	0.18	0.20	0.27	0.18	0.05	0.02	26.53			
	3R4F	10	0.01	0	0.21	0.34	0.42	0.53	0.85	0.46	0.20	0.06	43.83	**		
	THS2.2	9	0.01	0	0.10	0.13	0.15	0.19	0.28	0.17	0.06	0.02	33.58	-	**	
2M	Sham	10	0.01	0	0.12	0.14	0.16	0.16	0.22	0.16	0.03	0.01	18.68			
	3R4F	10	0.01	0	0.40	0.48	0.57	0.70	0.99	0.62	0.19	0.06	29.77	***		
	THS2.2	10	0.01	0	0.12	0.14	0.18	0.19	0.27	0.17	0.04	0.01	24.56	(-)	***	
3M	Sham	10	0.01	0	0.11	0.14	0.16	0.17	0.20	0.15	0.03	0.01	17.44			
	3R4F	10	0.01	0	0.42	0.53	0.61	0.70	0.99	0.65	0.17	0.05	26.11	***		
	THS2.2	10	0.01	0	0.12	0.16	0.17	0.18	0.20	0.17	0.02	0.01	12.92	-	***	
	cess	10	0.01	0	0.11	0.15	0.20	0.27	0.45	0.23	0.10	0.03	44.20	*	***	
	switch	10	0.01	0	0.15	0.19	0.22	0.23	0.28	0.22	0.04	0.01	18.89	**	***	-
6M	Sham	9	0.01	0	0.14	0.16	0.20	0.22	0.55	0.23	0.13	0.04	54.63			
	3R4F	10	0.01	0	0.39	0.49	0.62	0.78	1.00	0.65	0.19	0.06	29.92	+++		
	THS2.2	10	0.01	0	0.18	0.20	0.21	0.25	0.32	0.22	0.04	0.01	19.21	(-)	+++	
	cess	10	0.01	0	0.17	0.19	0.24	0.27	0.43	0.25	0.08	0.03	32.54	(-)	***	
	switch	10	0.01	0	0.17	0.18	0.23	0.25	0.28	0.22	0.04	0.01	18.58	-	***	-
8M	Sham	10	0.01	0	0.16	0.19	0.22	0.23	0.23	0.21	0.02	0.01	11.88			
	3R4F	10	0.01	0	0.41	0.53	0.59	0.67	0.84	0.60	0.12	0.04	20.68	***		
	THS2.2	10	0.01	0	0.16	0.23	0.24	0.29	0.36	0.26	0.06	0.02	22.51	*	***	
	cess	10	0.01	0	0.15	0.21	0.23	0.24	0.25	0.22	0.03	0.01	13.40	(-)	***	
	switch	10	0.01	0	0.11	0.17	0.26	0.33	0.51	0.27	0.12	0.04	43.22	-	***	-

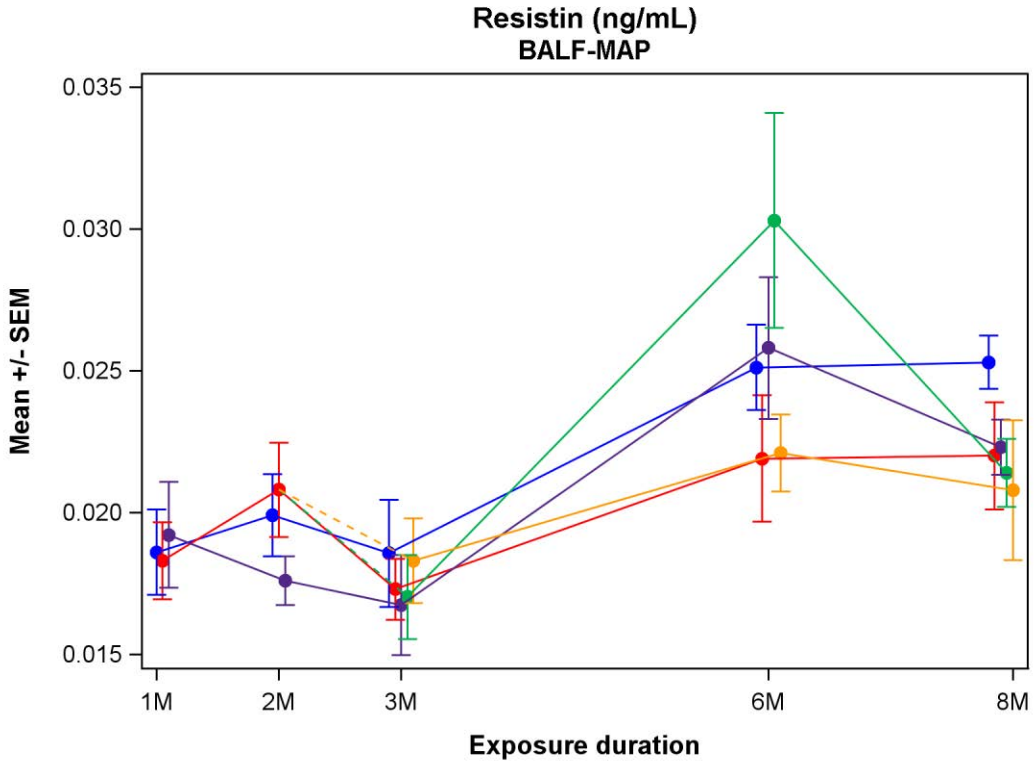
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.28	-0.43	-0.13	0.0600	0.0017	0.0001	**
	Sham	THS2.2	0.02	-0.03	0.07	0.2088	0.4702	0.4497	-
	3R4F	THS2.2	0.30	0.15	0.45	0.1035	0.0011	0.0001	**
2M	Sham	3R4F	-0.47	-0.60	-0.33	0.1171	<.0001	<.0001	***
	Sham	THS2.2	-0.02	-0.05	0.02	0.0324	0.2875	0.2681	(-)
	3R4F	THS2.2	0.45	0.31	0.58	0.1061	<.0001	<.0001	***
3M	Sham	3R4F	-0.49	-0.61	-0.37	0.7115	<.0001	<.0001	***
	Sham	THS2.2	-0.02	-0.04	0.01	0.6838	0.1602	0.1439	-
	Sham	cess	-0.07	-0.15	-0.00	0.7143	0.0472	0.0519	*
	Sham	switch	-0.06	-0.09	-0.03	0.6939	0.0010	0.0016	**
	3R4F	THS2.2	0.48	0.36	0.60	0.7794	<.0001	<.0001	***
	3R4F	cess	0.42	0.29	0.55	0.0634	<.0001	<.0001	***
	3R4F	switch	0.43	0.31	0.55	0.5195	<.0001	<.0001	***
	cess	switch	0.01	-0.06	0.09	0.6483	0.7321	0.8128	-
6M	Sham	3R4F	-0.41	-0.57	-0.25	0.0203	<.0001	0.0001	+++
	Sham	THS2.2	0.01	-0.09	0.11	0.0004	0.8047	0.5042	(-)
	Sham	cess	-0.02	-0.13	0.09	0.0019	0.6993	0.2263	(-)
	Sham	switch	0.02	-0.08	0.12	0.1603	0.7373	0.3893	-
	3R4F	THS2.2	0.42	0.28	0.56	0.0458	<.0001	<.0001	+++
	3R4F	cess	0.39	0.25	0.54	0.0773	<.0001	<.0001	***
	3R4F	switch	0.43	0.29	0.57	0.2595	<.0001	<.0001	***
	cess	switch	0.04	-0.03	0.10	0.1739	0.2490	0.3742	-
8M	Sham	3R4F	-0.39	-0.48	-0.30	0.6228	<.0001	<.0001	***
	Sham	THS2.2	-0.05	-0.09	-0.00	0.7872	0.0331	0.0044	*
	Sham	cess	-0.01	-0.04	0.01	0.0033	0.3811	0.2231	(-)
	Sham	switch	-0.06	-0.14	0.03	0.6563	0.1532	0.1066	-
	3R4F	THS2.2	0.35	0.25	0.44	0.3148	<.0001	<.0001	***
	3R4F	cess	0.38	0.29	0.47	0.5545	<.0001	<.0001	***
	3R4F	switch	0.34	0.22	0.45	0.5906	<.0001	0.0001	***
	cess	switch	-0.05	-0.13	0.04	0.6325	0.2417	0.2367	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Resistin (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Resistin (ng/mL)
BALF-MAP
Mean +/- SEM
0.035
0.030
0.025
0.020
0.015
1M
2M
3M
6M
8M
Exposure duration

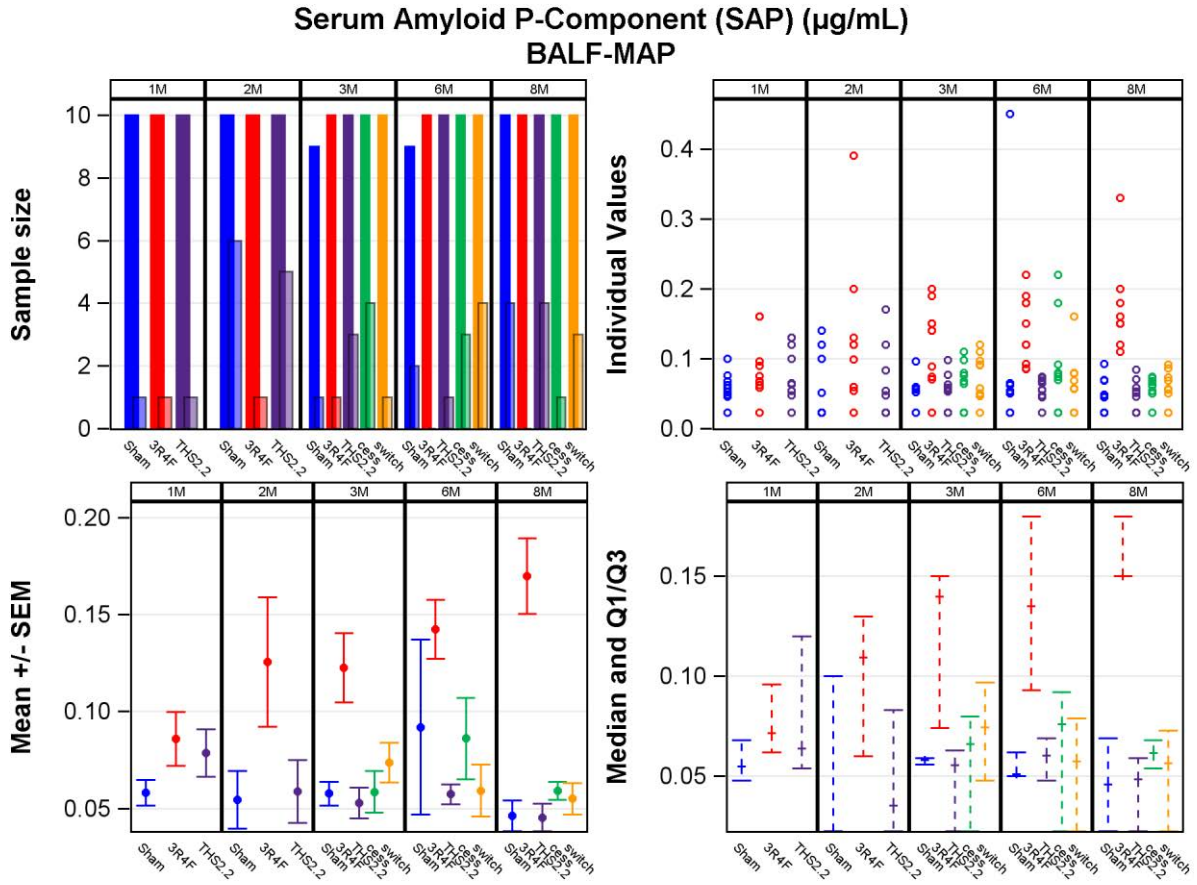
Resistin (ng/mL)
BALF-MAP

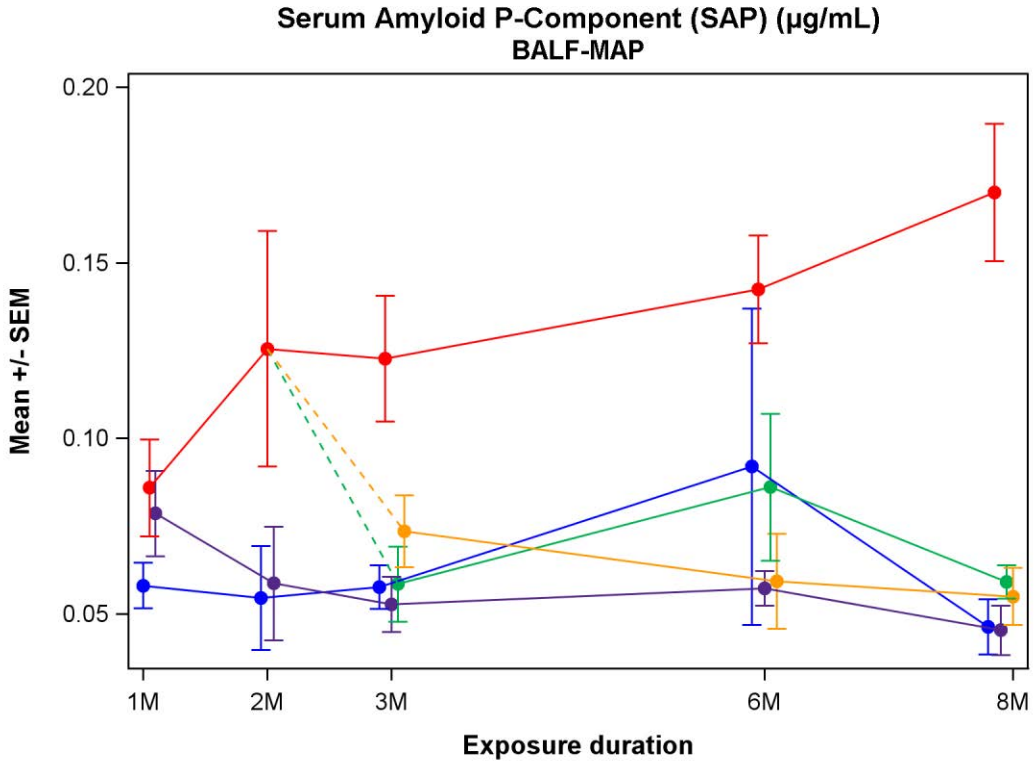
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	0	0.01	0.02	0.02	0.02	0.03	0.02	0.00	0.00	25.50			
	3R4F	10	0.01	0	0.01	0.02	0.02	0.02	0.03	0.02	0.00	0.00	23.48	-		
	THS2.2	9	0.01	0	0.01	0.02	0.02	0.02	0.03	0.02	0.01	0.00	29.09	-	-	
2M	Sham	10	0.01	0	0.01	0.02	0.02	0.02	0.03	0.02	0.00	0.00	23.02			
	3R4F	10	0.01	0	0.01	0.02	0.02	0.03	0.03	0.02	0.01	0.00	25.22	-		
	THS2.2	10	0.01	0	0.01	0.02	0.02	0.02	0.02	0.02	0.00	0.00	15.43	-	-	
3M	Sham	10	0.01	0	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.00	32.04			
	3R4F	10	0.01	0	0.01	0.02	0.02	0.02	0.02	0.02	0.00	0.00	19.66	-		
	THS2.2	10	0.01	0	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.00	33.44	-	-	
	cess	10	0.01	0	0.01	0.01	0.02	0.02	0.02	0.02	0.00	0.00	27.49	-	-	
	switch	10	0.01	0	0.01	0.02	0.02	0.02	0.02	0.02	0.00	0.00	25.64	-	-	-
6M	Sham	9	0.01	0	0.02	0.02	0.02	0.03	0.03	0.03	0.00	0.00	17.97			
	3R4F	10	0.01	0	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.00	32.18	(-)		
	THS2.2	10	0.01	0	0.02	0.02	0.02	0.03	0.04	0.03	0.01	0.00	30.56	(-)	(-)	
	cess	10	0.01	0	0.02	0.02	0.03	0.04	0.05	0.03	0.01	0.00	39.54	-	(-)	
	switch	10	0.01	0	0.02	0.02	0.02	0.02	0.03	0.02	0.00	0.00	19.37	(-)	(-)	-
8M	Sham	10	0.01	0	0.02	0.02	0.03	0.03	0.03	0.03	0.00	0.00	11.64			
	3R4F	10	0.01	0	0.02	0.02	0.02	0.03	0.03	0.02	0.01	0.00	27.10	(-)		
	THS2.2	10	0.01	0	0.02	0.02	0.02	0.03	0.03	0.02	0.00	0.00	13.87	*	-	
	cess	10	0.01	0	0.02	0.02	0.02	0.02	0.03	0.02	0.00	0.00	17.79	*	-	
	switch	10	0.01	1	0.00	0.02	0.02	0.03	0.03	0.02	0.01	0.00	37.50	-	-	-

Resistin (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	-0.00	0.00	0.3994	0.8838	0.8099	-
	Sham	THS2.2	-0.00	-0.01	0.00	0.6802	0.8016	0.8881	-
	3R4F	THS2.2	-0.00	-0.01	0.00	0.5865	0.6983	0.6971	-
2M	Sham	3R4F	-0.00	-0.01	0.00	0.7945	0.6877	0.6432	-
	Sham	THS2.2	0.00	-0.00	0.01	0.9038	0.1927	0.3204	-
	3R4F	THS2.2	0.00	-0.00	0.01	0.5734	0.1095	0.1577	-
3M	Sham	3R4F	0.00	-0.00	0.01	0.9357	0.5698	0.5036	-
	Sham	THS2.2	0.00	-0.00	0.01	0.1765	0.4900	0.4723	-
	Sham	cess	0.00	-0.00	0.01	0.4925	0.5311	0.4921	-
	Sham	switch	0.00	-0.00	0.01	0.1913	0.9148	0.7490	-
	3R4F	THS2.2	0.00	-0.00	0.00	0.9473	0.7906	0.7222	-
	3R4F	cess	0.00	-0.00	0.00	0.8918	0.8845	0.7502	-
	3R4F	switch	-0.00	-0.00	0.00	0.7849	0.5926	0.7224	-
	cess	switch	-0.00	-0.01	0.00	0.3680	0.5521	0.4875	-
6M	Sham	3R4F	0.00	-0.00	0.01	0.0176	0.2503	0.1268	(-)
	Sham	THS2.2	-0.00	-0.01	0.01	0.0101	0.8163	0.7256	(-)
	Sham	cess	-0.01	-0.01	0.00	0.1529	0.2277	0.6516	-
	Sham	switch	0.00	-0.00	0.01	0.0190	0.1555	0.0903	(-)
	3R4F	THS2.2	-0.00	-0.01	0.00	0.0017	0.2589	0.1908	(-)
	3R4F	cess	-0.01	-0.02	0.00	0.0384	0.0759	0.1154	(-)
	3R4F	switch	-0.00	-0.01	0.01	0.0072	0.9399	0.6721	(-)
	cess	switch	0.01	-0.00	0.02	0.0843	0.0657	0.1446	-
8M	Sham	3R4F	0.00	-0.00	0.01	0.0426	0.1404	0.2462	(-)
	Sham	THS2.2	0.00	0.00	0.01	0.1484	0.0395	0.0410	*
	Sham	cess	0.00	0.00	0.01	0.0962	0.0202	0.0297	*
	Sham	switch	0.00	-0.00	0.01	0.4039	0.1133	0.1305	-
	3R4F	THS2.2	-0.00	-0.00	0.00	0.0870	0.8898	0.9839	-
	3R4F	cess	0.00	-0.00	0.01	0.1192	0.7921	0.7205	-
	3R4F	switch	0.00	-0.01	0.01	0.5780	0.7003	0.8679	-
	cess	switch	0.00	-0.01	0.01	0.3884	0.8261	1.0000	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Serum Amyloid P-Component (SAP) (µg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Serum Amyloid P-Component (SAP) (µg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Serum Amyloid P-Component (SAP) (µg/mL)
BALF-MAP

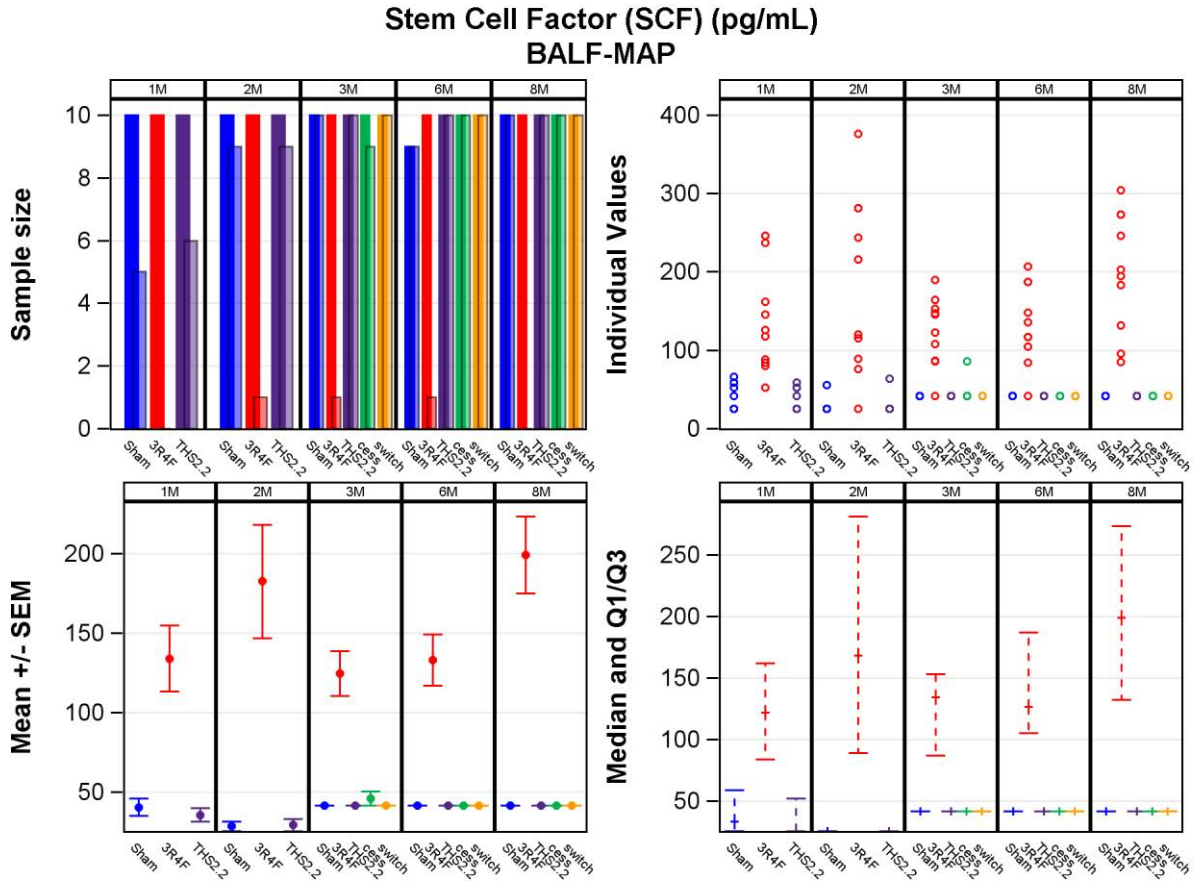
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.05	1	0.02	0.05	0.06	0.07	0.10	0.06	0.02	0.01	35.45			
	3R4F	10	0.05	1	0.02	0.06	0.07	0.10	0.16	0.09	0.04	0.01	50.88	-		
	THS2.2	10	0.05	1	0.02	0.05	0.06	0.12	0.13	0.08	0.04	0.01	48.65	-	-	
2M	Sham	10	0.05	6	0.02	0.02	0.02	0.10	0.14	0.05	0.05	0.01	85.96			
	3R4F	10	0.05	1	0.02	0.06	0.11	0.13	0.39	0.13	0.11	0.03	84.21	+		
	THS2.2	10	0.05	5	0.02	0.02	0.04	0.08	0.17	0.06	0.05	0.02	86.84	(-)	+	
3M	Sham	9	0.05	1	0.02	0.06	0.06	0.06	0.10	0.06	0.02	0.01	32.12			
	3R4F	10	0.05	1	0.02	0.07	0.14	0.15	0.20	0.12	0.06	0.02	46.13	**		
	THS2.2	10	0.05	3	0.02	0.02	0.06	0.06	0.10	0.05	0.02	0.01	46.96	-	**	
	cess	10	0.05	4	0.02	0.02	0.07	0.08	0.11	0.06	0.03	0.01	57.69	-	**	
	switch	10	0.05	1	0.02	0.05	0.07	0.10	0.12	0.07	0.03	0.01	44.04	-	*	-
6M	Sham	9	0.05	2	0.02	0.05	0.05	0.06	0.45	0.09	0.14	0.05	146.85			
	3R4F	10	0.05	0	0.09	0.09	0.14	0.18	0.22	0.14	0.05	0.02	34.00	++		
	THS2.2	10	0.05	1	0.02	0.05	0.06	0.07	0.07	0.06	0.02	0.00	27.51	(-)	***	
	cess	10	0.05	3	0.02	0.02	0.08	0.09	0.22	0.09	0.07	0.02	76.83	(-)	*	
	switch	10	0.05	4	0.02	0.02	0.06	0.08	0.16	0.06	0.04	0.01	72.15	(-)	***	(-)
8M	Sham	10	0.05	4	0.02	0.02	0.05	0.07	0.09	0.05	0.02	0.01	53.55			
	3R4F	10	0.05	0	0.11	0.15	0.15	0.18	0.33	0.17	0.06	0.02	36.37	+++		
	THS2.2	10	0.05	4	0.02	0.02	0.05	0.06	0.08	0.05	0.02	0.01	49.35	(-)	+++	
	cess	10	0.05	1	0.02	0.05	0.06	0.07	0.07	0.06	0.01	0.00	25.16	-	***	
	switch	10	0.05	3	0.02	0.02	0.06	0.07	0.09	0.06	0.03	0.01	47.09	-	***	-

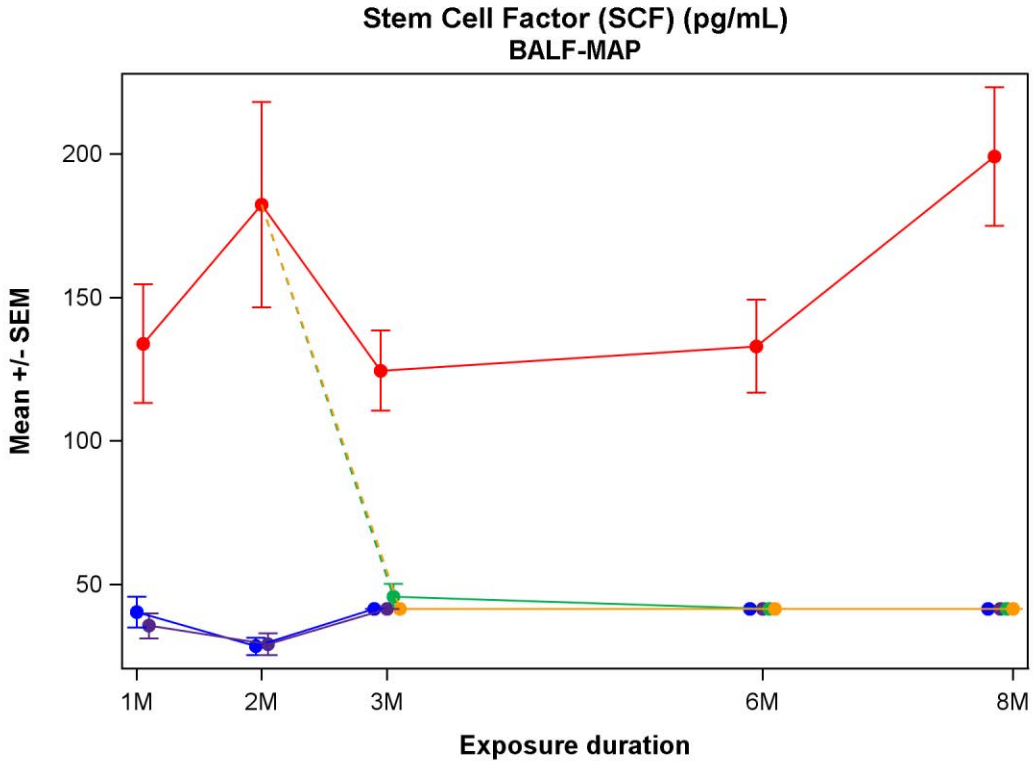
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Serum Amyloid P-Component (SAP) (µg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.03	-0.06	0.01	0.1074	0.0925	0.0803	-
	Sham	THS2.2	-0.02	-0.05	0.01	0.5698	0.1583	0.2164	-
	3R4F	THS2.2	0.01	-0.03	0.05	0.0564	0.6959	0.5455	-
2M	Sham	3R4F	-0.07	-0.15	0.01	0.0009	0.0755	0.0367	+
	Sham	THS2.2	-0.00	-0.05	0.04	0.0002	0.8520	0.8020	(-)
	3R4F	THS2.2	0.07	-0.01	0.15	0.0008	0.0952	0.0378	+
3M	Sham	3R4F	-0.06	-0.11	-0.02	0.5626	0.0056	0.0054	**
	Sham	THS2.2	0.00	-0.02	0.03	0.0721	0.6322	0.7052	-
	Sham	cess	-0.00	-0.03	0.03	0.5139	0.9443	0.5798	-
	Sham	switch	-0.02	-0.04	0.01	0.9555	0.2062	0.6455	-
	3R4F	THS2.2	0.07	0.03	0.11	0.5428	0.0037	0.0033	**
	3R4F	cess	0.06	0.02	0.11	0.1247	0.0079	0.0098	**
	3R4F	switch	0.05	0.00	0.09	0.1940	0.0316	0.0552	*
	cess	switch	-0.01	-0.05	0.02	0.0941	0.3260	0.3993	-
6M	Sham	3R4F	-0.05	-0.16	0.06	0.0128	0.3146	0.0032	++
	Sham	THS2.2	0.03	-0.07	0.14	0.0356	0.4659	0.3613	(-)
	Sham	cess	0.01	-0.10	0.11	0.0002	0.9083	0.2547	(-)
	Sham	switch	0.03	-0.07	0.14	0.0002	0.5036	0.8285	(-)
	3R4F	THS2.2	0.09	0.05	0.12	0.5256	0.0003	<.0001	***
	3R4F	cess	0.06	0.00	0.11	0.1054	0.0450	0.0166	*
	3R4F	switch	0.08	0.04	0.13	0.1341	0.0007	0.0003	***
	cess	switch	0.03	-0.03	0.08	0.0046	0.2979	0.2804	(-)
8M	Sham	3R4F	-0.12	-0.17	-0.08	0.0081	<.0001	<.0001	+++
	Sham	THS2.2	0.00	-0.02	0.02	0.0160	0.9331	0.9007	(-)
	Sham	cess	-0.01	-0.03	0.01	0.4540	0.1807	0.1544	-
	Sham	switch	-0.01	-0.03	0.02	0.1496	0.4505	0.3966	-
	3R4F	THS2.2	0.12	0.08	0.17	0.0228	<.0001	0.0001	+++
	3R4F	cess	0.11	0.07	0.16	0.0971	0.0003	<.0001	***
	3R4F	switch	0.11	0.07	0.16	0.1305	0.0002	<.0001	***
	cess	switch	0.00	-0.02	0.02	0.2072	0.6709	0.7779	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Stem Cell Factor (SCF) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Stem Cell Factor (SCF) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

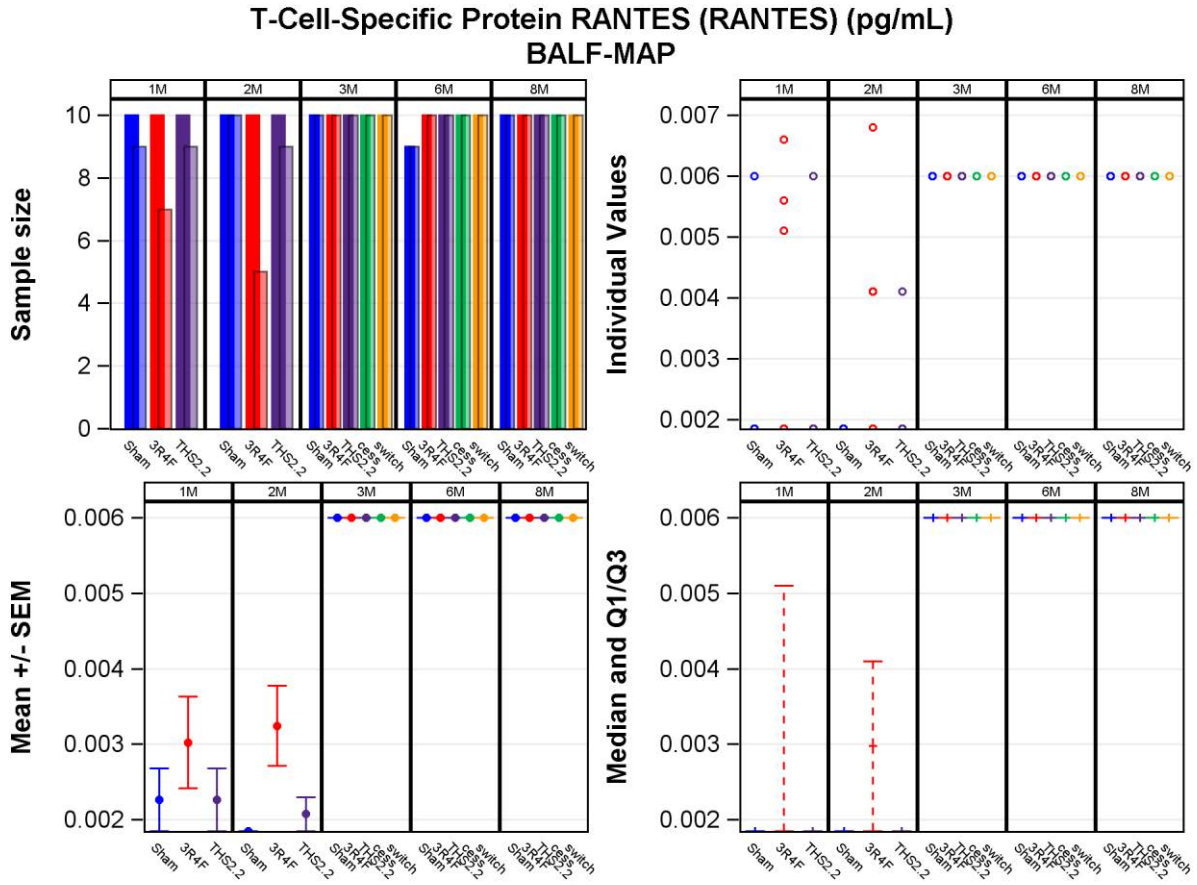
Stem Cell Factor (SCF) (pg/mL)
BALF-MAP

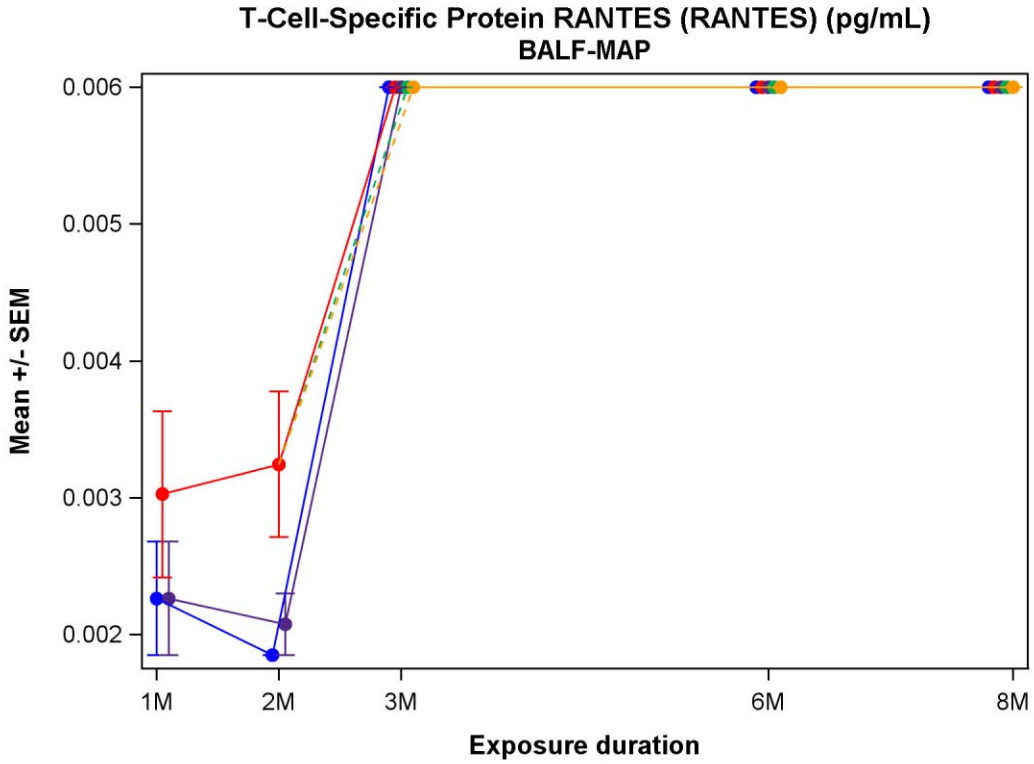
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	51.00	5	25.50	25.50	33.50	59.00	66.00	40.50	16.97	5.37	41.91			
	3R4F	10	51.00	0	52.00	84.00	122.00	162.00	246.00	133.90	65.54	20.72	48.95	+++		
	THS2.2	10	51.00	6	25.50	25.50	25.50	52.00	59.00	35.75	13.87	4.39	38.81	(-)	+++	
2M	Sham	10	51.00	9	25.50	25.50	25.50	25.50	56.00	28.55	9.64	3.05	33.78			
	3R4F	10	51.00	1	25.50	89.00	168.00	281.00	376.00	182.35	113.01	35.74	61.98	+++		
	THS2.2	10	51.00	9	25.50	25.50	25.50	25.50	64.00	29.35	12.17	3.85	41.48	(-)	+++	
3M	Sham	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00			
	3R4F	10	83.00	1	41.50	87.00	134.50	153.00	190.00	124.55	44.33	14.02	35.59	+++		
	THS2.2	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	
	cess	10	83.00	9	41.50	41.50	41.50	41.50	86.00	45.95	14.07	4.45	30.62	(-)	+++	
	switch	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	(-)
6M	Sham	9	83.00	9	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00			
	3R4F	10	83.00	1	41.50	105.00	126.50	187.00	207.00	132.95	51.22	16.20	38.53	+++		
	THS2.2	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	
	cess	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	
	switch	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	n.a.
8M	Sham	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00			
	3R4F	10	83.00	0	85.00	132.00	199.00	273.00	304.00	199.00	76.43	24.17	38.40	+++		
	THS2.2	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	
	cess	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	
	switch	10	83.00	10	41.50	41.50	41.50	41.50	41.50	41.50	0.00	0.00	0.00	n.a.	+++	n.a.

Stem Cell Factor (SCF) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-93.40	-141.0	-45.83	0.0185	0.0013	<.0001	+++
	Sham	THS2.2	4.75	-9.86	19.36	0.0006	0.5023	0.5433	(-)
	3R4F	THS2.2	98.15	50.82	145.48	0.0039	0.0010	0.0002	+++
2M	Sham	3R4F	-153.8	-234.8	-72.84	0.0025	0.0020	0.0002	+++
	Sham	THS2.2	-0.80	-11.16	9.56	0.0001	0.8725	1.0000	(-)
	3R4F	THS2.2	153.00	71.97	234.03	0.0025	0.0020	0.0001	+++
3M	Sham	3R4F	-83.05	-114.8	-51.34	0.0134	0.0002	0.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-4.45	-14.52	5.62	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	83.05	51.34	114.76	0.0134	0.0002	<.0001	+++
	3R4F	cess	78.60	46.16	111.04	0.0060	0.0003	0.0002	+++
	3R4F	switch	83.05	51.34	114.76	0.0134	0.0002	0.0002	+++
	cess	switch	4.45	-5.62	14.52	0.0001	0.3434	1.0000	(-)
6M	Sham	3R4F	-91.45	-128.1	-54.81	0.0146	0.0003	0.0002	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	91.45	54.81	128.09	0.0065	0.0003	0.0002	+++
	3R4F	cess	91.45	54.81	128.09	0.0065	0.0003	<.0001	+++
	3R4F	switch	91.45	54.81	128.09	0.0065	0.0003	<.0001	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-157.5	-212.2	-102.8	0.0049	0.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	157.50	102.83	212.17	0.0049	0.0001	<.0001	+++
	3R4F	cess	157.50	102.83	212.17	0.0049	0.0001	0.0001	+++
	3R4F	switch	157.50	102.83	212.17	0.0049	0.0001	<.0001	+++
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
BALF-MAP
Mean +/- SEM
0.006
0.005
0.004
0.003
0.002
1M
2M
3M
6M
8M
Exposure duration

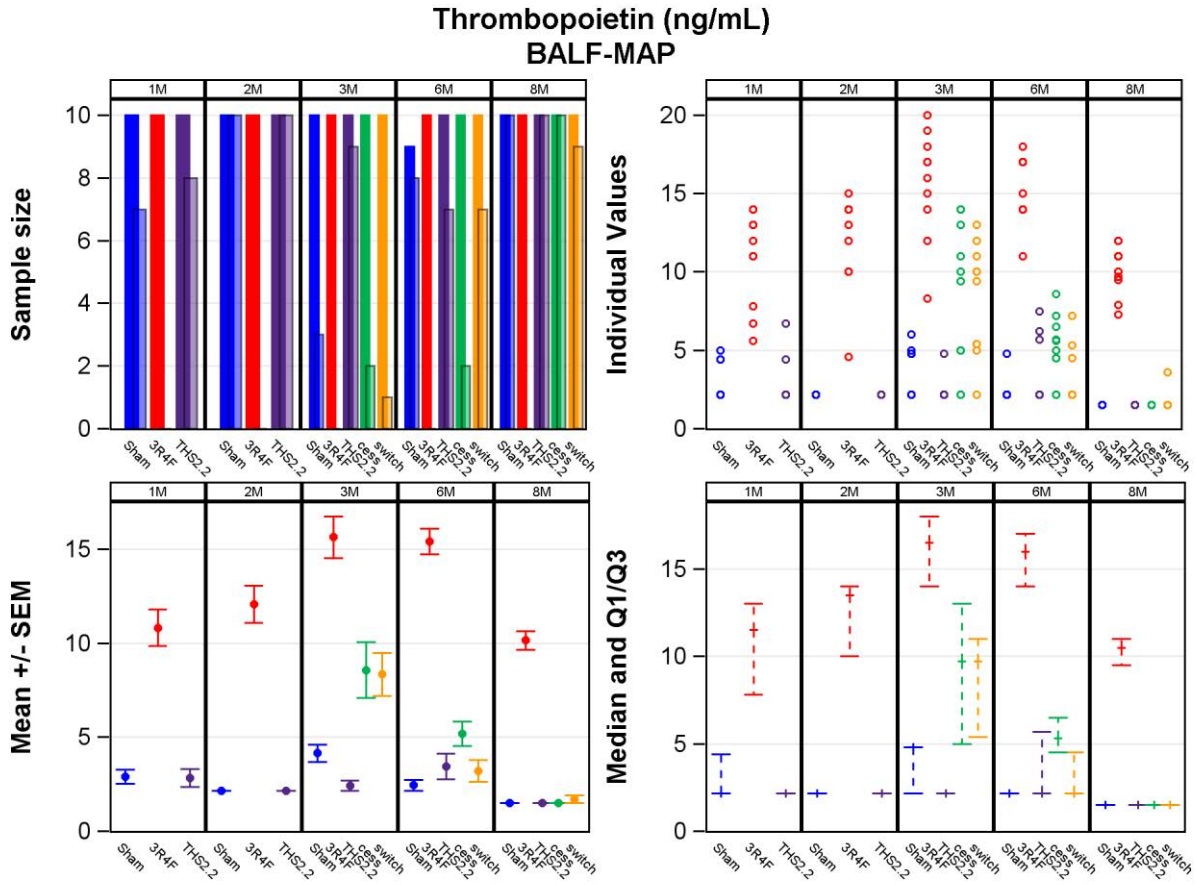
T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
BALF-MAP

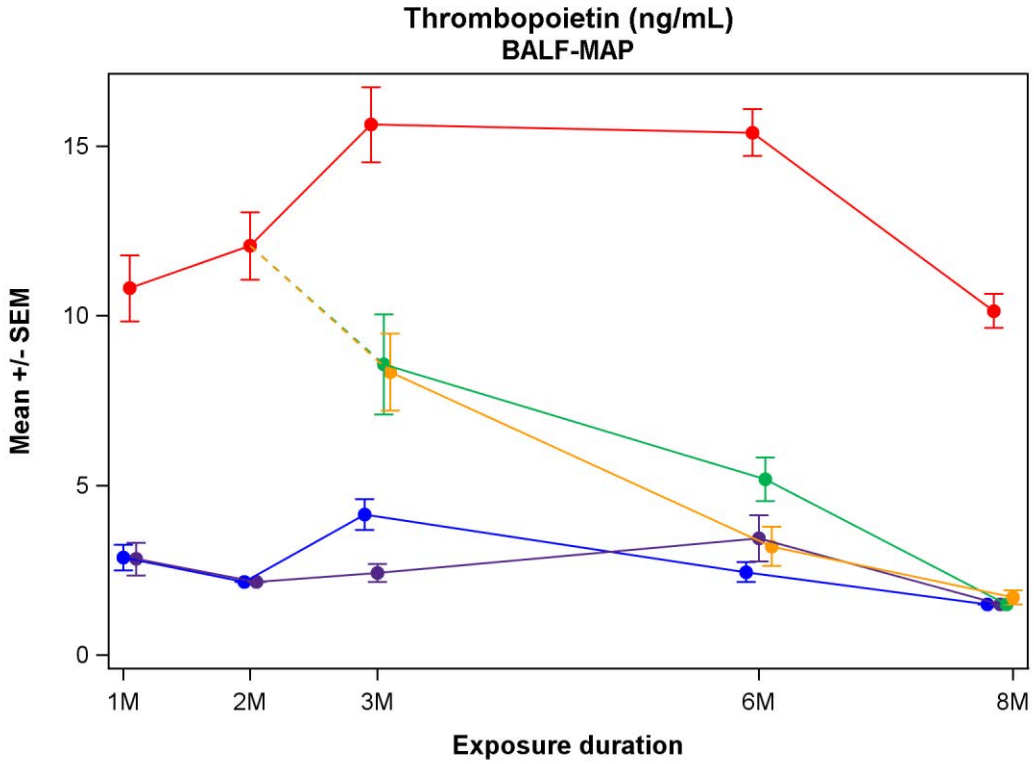
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.00	9	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	57.94			
	3R4F	10	0.00	7	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	63.67	(-)		
	THS2.2	10	0.00	9	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	57.94	(-)	(-)	
2M	Sham	10	0.00	10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
	3R4F	10	0.00	5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	51.66	n.a.		
	THS2.2	10	0.00	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.29	n.a.	(-)	
3M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.01	9	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.

T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.00	-0.00	0.00	0.0001	0.3179	0.4605	(-)
	Sham	THS2.2	0.00	-0.00	0.00	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.00	-0.00	0.00	0.0001	0.3179	0.4496	(-)
2M	Sham	3R4F	-0.00	-0.00	-0.00	.	0.0273	0.0332	n.a.
	Sham	THS2.2	-0.00	-0.00	0.00	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	-0.00	0.00	0.0001	0.0647	0.1155	(-)
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Thrombopoietin (ng/mL)
BALF-MAP
1M
2M
3M
6M
8M
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
Sham
3R4F
THS2.2
cess
switch


Thrombopoietin (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

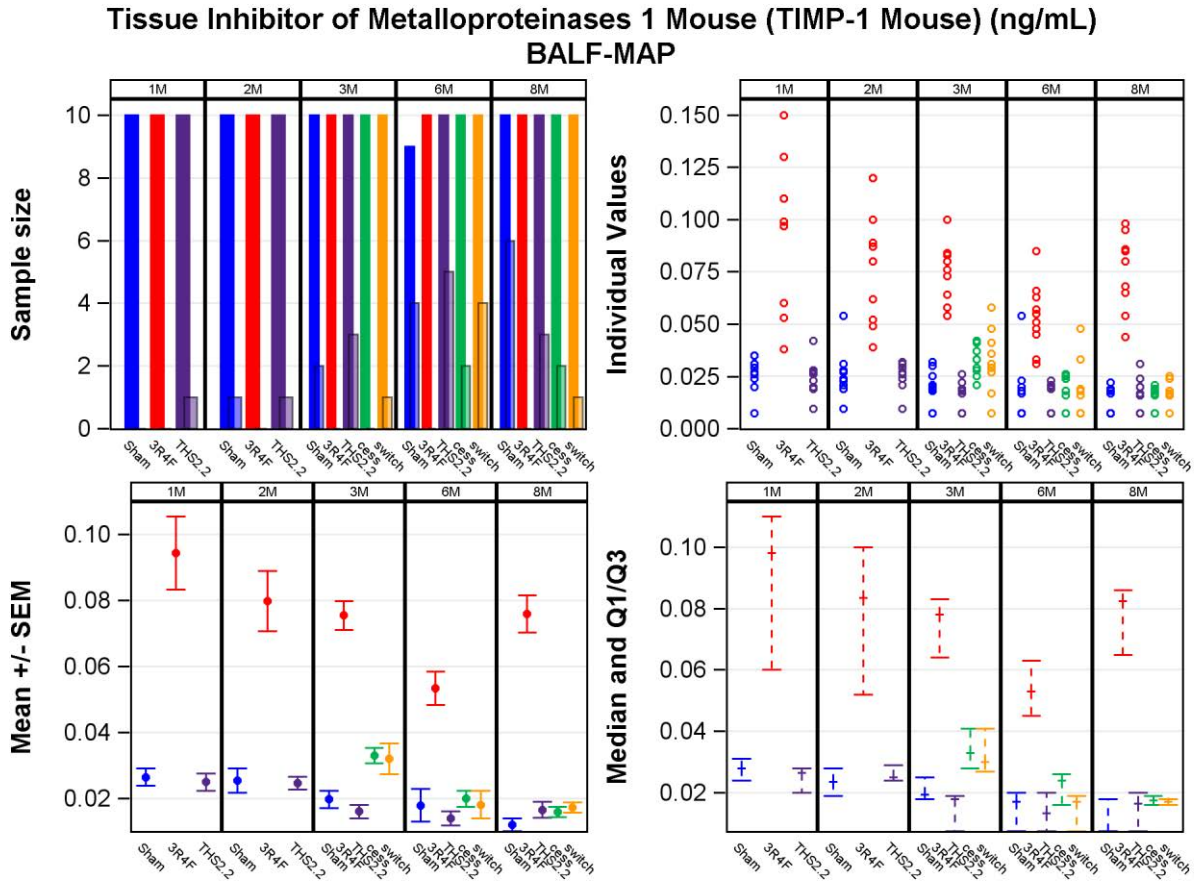
Thrombopoietin (ng/mL)
BALF-MAP

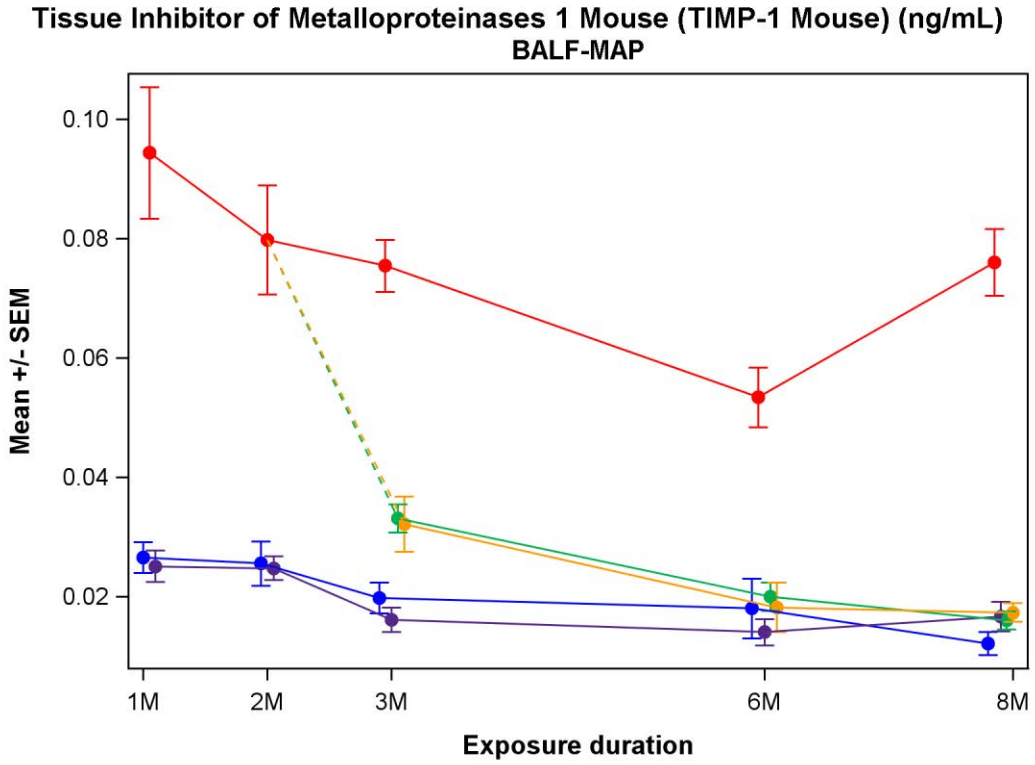
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	4.30	7	2.15	2.15	2.15	4.40	5.00	2.89	1.19	0.38	41.41			
	3R4F	10	4.30	0	5.60	7.80	11.50	13.00	14.00	10.81	3.06	0.97	28.35	***		
	THS2.2	10	4.30	8	2.15	2.15	2.15	2.15	6.70	2.83	1.53	0.48	54.16	(-)	***	
2M	Sham	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00			
	3R4F	10	4.30	0	4.60	10.00	13.50	14.00	15.00	12.06	3.14	0.99	26.03	n.a.		
	THS2.2	10	4.30	10	2.15	2.15	2.15	2.15	2.15	2.15	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	4.30	3	2.15	2.15	4.80	4.80	6.00	4.15	1.42	0.45	34.36			
	3R4F	10	4.30	0	8.30	14.00	16.50	18.00	20.00	15.63	3.49	1.11	22.36	+++		
	THS2.2	10	4.30	9	2.15	2.15	2.15	2.15	4.80	2.42	0.84	0.27	34.70	+	+++	
	cess	10	4.30	2	2.15	5.00	9.70	13.00	14.00	8.57	4.66	1.47	54.34	+	**	
	switch	10	4.30	1	2.15	5.40	9.70	11.00	13.00	8.34	3.58	1.13	42.99	++	***	-
6M	Sham	9	4.30	8	2.15	2.15	2.15	2.15	4.80	2.44	0.88	0.29	36.14			
	3R4F	10	4.30	0	11.00	14.00	16.00	17.00	18.00	15.40	2.17	0.69	14.09	+++		
	THS2.2	10	4.30	7	2.15	2.15	2.15	5.70	7.50	3.45	2.13	0.67	61.85	(-)	+++	
	cess	10	4.30	2	2.15	4.50	5.30	6.50	8.60	5.19	2.04	0.64	39.22	++	***	
	switch	10	4.30	7	2.15	2.15	2.15	4.50	7.20	3.21	1.82	0.58	56.79	(-)	+++	*
8M	Sham	10	3.00	10	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00			
	3R4F	10	3.00	0	7.30	9.50	10.50	11.00	12.00	10.14	1.59	0.50	15.71	+++		
	THS2.2	10	3.00	10	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	n.a.	+++	
	cess	10	3.00	10	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	0.00	n.a.	+++	
	switch	10	3.00	9	1.50	1.50	1.50	1.50	3.60	1.71	0.66	0.21	38.83	(-)	+++	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Thrombopoietin (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-7.93	-10.20	-5.65	0.1993	<.0001	<.0001	***
	Sham	THS2.2	0.05	-1.24	1.35	0.0001	0.9297	0.9308	(-)
	3R4F	THS2.2	7.98	5.64	10.32	0.1260	<.0001	<.0001	***
2M	Sham	3R4F	-9.91	-12.16	-7.66	.	<.0001	<.0001	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	9.91	7.66	12.16	.	<.0001	<.0001	n.a.
3M	Sham	3R4F	-11.49	-14.09	-8.88	0.0230	<.0001	<.0001	+++
	Sham	THS2.2	1.73	0.61	2.85	0.0063	0.0049	0.0158	+
	Sham	cess	-4.43	-7.83	-1.02	0.0047	0.0156	0.0197	+
	Sham	switch	-4.19	-6.85	-1.53	0.0088	0.0051	0.0026	++
	3R4F	THS2.2	13.22	10.68	15.75	0.0058	<.0001	<.0001	+++
	3R4F	cess	7.06	3.17	10.95	0.2200	0.0014	0.0016	**
	3R4F	switch	7.30	3.97	10.62	0.2062	0.0002	0.0003	***
	cess	switch	0.24	-3.69	4.16	0.0641	0.9009	0.9287	-
6M	Sham	3R4F	-12.96	-14.58	-11.33	0.0086	<.0001	<.0001	+++
	Sham	THS2.2	-1.00	-2.60	0.60	0.0001	0.1981	0.3183	(-)
	Sham	cess	-2.75	-4.28	-1.21	0.0031	0.0020	0.0038	++
	Sham	switch	-0.76	-2.15	0.63	0.0001	0.2601	0.4406	(-)
	3R4F	THS2.2	11.96	9.93	13.98	0.0139	<.0001	<.0001	+++
	3R4F	cess	10.21	8.23	12.19	0.5764	<.0001	<.0001	***
	3R4F	switch	12.20	10.31	14.08	0.0174	<.0001	<.0001	+++
	cess	switch	1.98	0.17	3.80	0.1134	0.0339	0.0322	*
8M	Sham	3R4F	-8.64	-9.78	-7.50	0.0030	<.0001	<.0001	+++
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-0.21	-0.69	0.27	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	8.64	7.50	9.78	0.0030	<.0001	<.0001	+++
	3R4F	cess	8.64	7.50	9.78	0.0030	<.0001	<.0001	+++
	3R4F	switch	8.43	7.24	9.62	0.0033	<.0001	<.0001	+++
	cess	switch	-0.21	-0.69	0.27	0.0001	0.3434	1.0000	(-)


Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
BALF-MAP
Mean +/- SEM
0.10
0.08
0.06
0.04
0.02
1M
2M
3M
6M
8M
Exposure duration

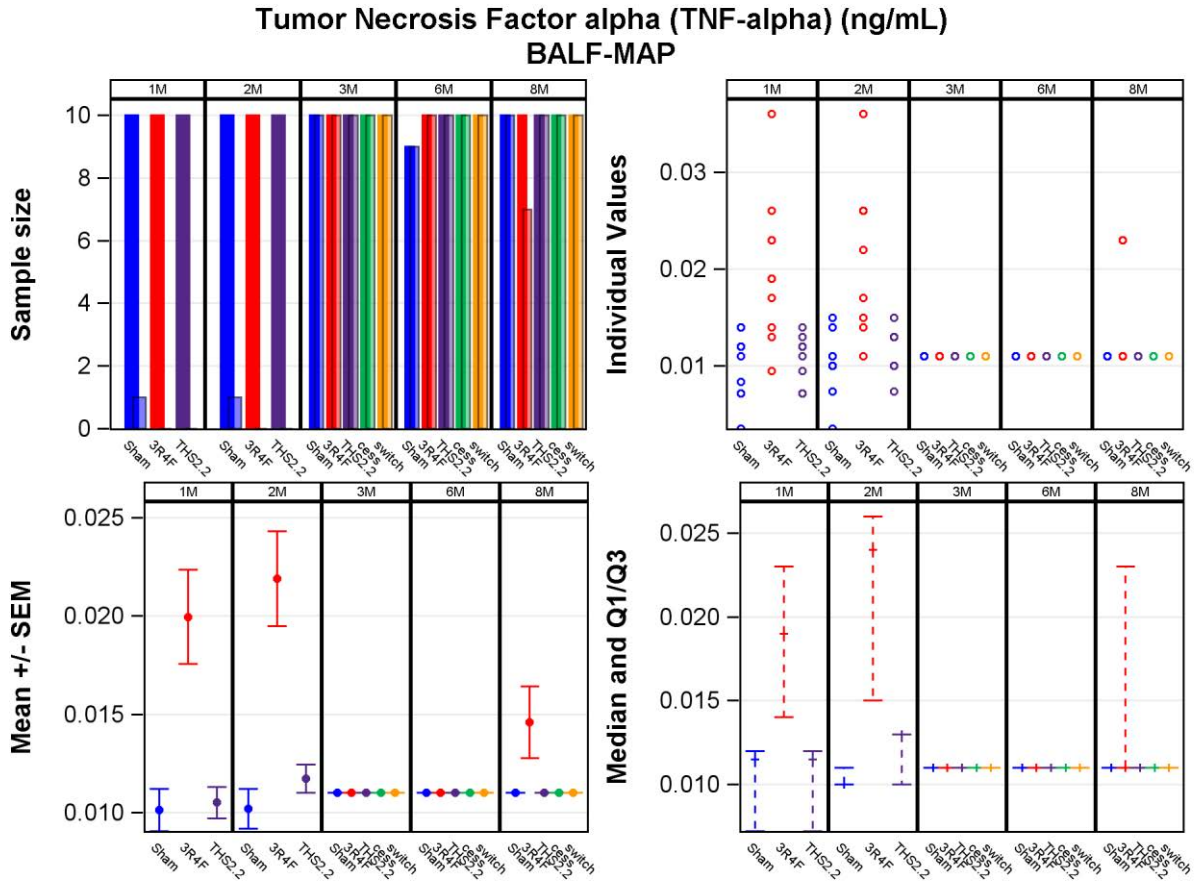
Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
BALF-MAP

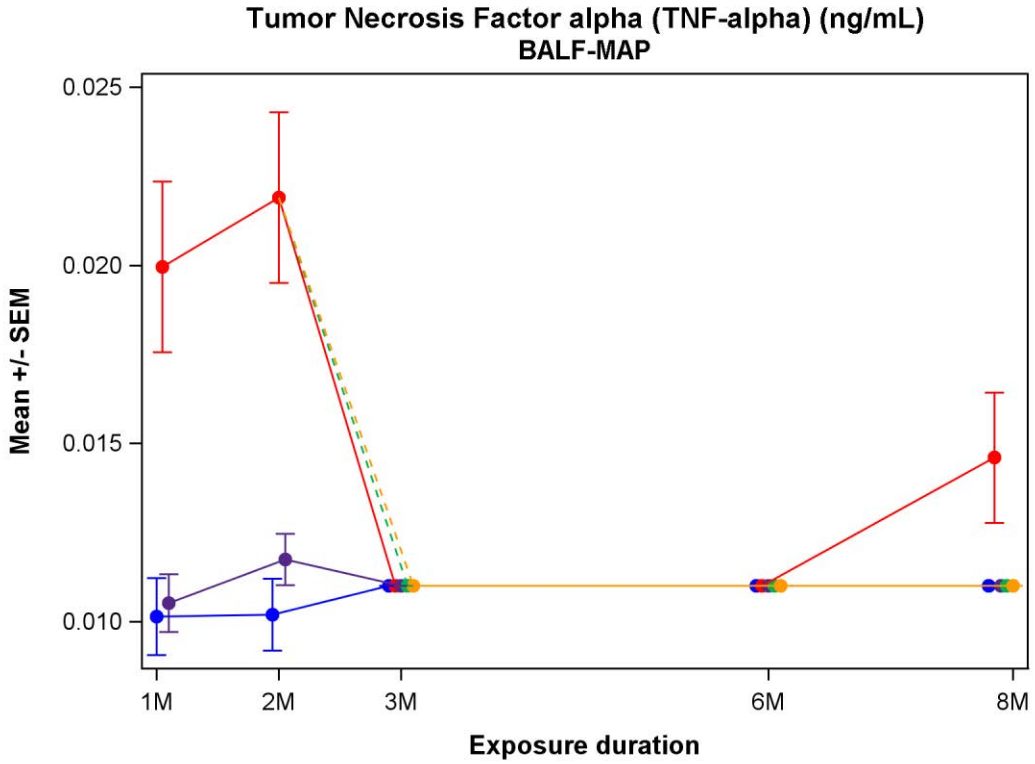
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.02	0	0.01	0.02	0.03	0.03	0.04	0.03	0.01	0.00	30.78			
	3R4F	10	0.02	0	0.04	0.06	0.10	0.11	0.15	0.09	0.03	0.01	36.96	***		
	THS2.2	10	0.02	1	0.01	0.02	0.03	0.03	0.04	0.03	0.01	0.00	33.30	-	***	
2M	Sham	10	0.02	1	0.01	0.02	0.02	0.03	0.05	0.03	0.01	0.00	45.57			
	3R4F	10	0.02	0	0.04	0.05	0.08	0.10	0.12	0.08	0.03	0.01	36.13	***		
	THS2.2	10	0.02	1	0.01	0.02	0.03	0.03	0.03	0.02	0.01	0.00	25.72	-	***	
3M	Sham	10	0.02	2	0.01	0.02	0.02	0.03	0.03	0.02	0.01	0.00	40.93			
	3R4F	10	0.02	0	0.05	0.06	0.08	0.08	0.10	0.08	0.01	0.00	18.27	***		
	THS2.2	10	0.02	3	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.00	40.21	-	***	
	cess	10	0.02	0	0.02	0.03	0.03	0.04	0.04	0.03	0.01	0.00	22.31	**	***	
	switch	10	0.02	1	0.01	0.03	0.03	0.04	0.06	0.03	0.01	0.00	45.36	*	***	-
6M	Sham	9	0.02	4	0.01	0.01	0.02	0.02	0.05	0.02	0.01	0.00	82.57			
	3R4F	10	0.02	0	0.03	0.05	0.05	0.06	0.09	0.05	0.02	0.01	29.86	***		
	THS2.2	10	0.02	5	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	49.67	(-)	***	
	cess	10	0.02	2	0.01	0.02	0.02	0.03	0.03	0.02	0.01	0.00	37.17	-	***	
	switch	10	0.02	4	0.01	0.01	0.02	0.02	0.05	0.02	0.01	0.00	72.58	(-)	***	-
8M	Sham	10	0.02	6	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	50.15			
	3R4F	10	0.02	0	0.04	0.07	0.08	0.09	0.10	0.08	0.02	0.01	23.27	***		
	THS2.2	10	0.02	3	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.00	46.29	-	***	
	cess	10	0.02	2	0.01	0.02	0.02	0.02	0.02	0.02	0.00	0.00	29.28	-	+++	
	switch	10	0.02	1	0.01	0.02	0.02	0.02	0.03	0.02	0.00	0.00	27.58	*	***	(-)

Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.07	-0.09	-0.04	0.3172	0.0001	<.0001	***
	Sham	THS2.2	0.00	-0.01	0.01	0.2577	0.6894	0.3968	-
	3R4F	THS2.2	0.07	0.04	0.09	0.5102	0.0001	<.0001	***
2M	Sham	3R4F	-0.05	-0.08	-0.03	0.3856	0.0001	<.0001	***
	Sham	THS2.2	0.00	-0.01	0.01	0.2204	0.8516	0.5349	-
	3R4F	THS2.2	0.06	0.03	0.08	0.5299	0.0002	<.0001	***
3M	Sham	3R4F	-0.06	-0.07	-0.04	0.3339	<.0001	<.0001	***
	Sham	THS2.2	0.00	-0.00	0.01	0.0879	0.2817	0.2731	-
	Sham	cess	-0.01	-0.02	-0.01	0.2813	0.0012	0.0011	**
	Sham	switch	-0.01	-0.02	-0.00	0.4542	0.0345	0.0502	*
	3R4F	THS2.2	0.06	0.05	0.07	0.0844	<.0001	<.0001	***
	3R4F	cess	0.04	0.03	0.05	0.7276	<.0001	0.0001	***
	3R4F	switch	0.04	0.03	0.06	0.6954	<.0001	0.0001	***
	cess	switch	0.00	-0.01	0.01	0.7726	0.8570	0.7190	-
6M	Sham	3R4F	-0.04	-0.05	-0.02	0.0698	0.0001	0.0006	***
	Sham	THS2.2	0.00	-0.01	0.02	0.0135	0.4815	0.9286	(-)
	Sham	cess	-0.00	-0.01	0.01	0.3032	0.7219	0.1748	-
	Sham	switch	-0.00	-0.01	0.01	0.0005	0.9758	1.0000	(-)
	3R4F	THS2.2	0.04	0.03	0.05	0.1958	<.0001	<.0001	***
	3R4F	cess	0.03	0.02	0.05	0.1934	<.0001	<.0001	***
	3R4F	switch	0.04	0.02	0.05	0.1376	<.0001	0.0002	***
	cess	switch	0.00	-0.01	0.01	0.5951	0.7128	0.3477	-
8M	Sham	3R4F	-0.06	-0.08	-0.05	0.1179	<.0001	<.0001	***
	Sham	THS2.2	-0.00	-0.01	0.00	0.0586	0.1606	0.2273	-
	Sham	cess	-0.00	-0.01	0.00	0.1959	0.1262	0.2156	-
	Sham	switch	-0.01	-0.01	-0.00	0.0952	0.0463	0.1731	*
	3R4F	THS2.2	0.06	0.05	0.07	0.6492	<.0001	<.0001	***
	3R4F	cess	0.06	0.05	0.07	0.0084	<.0001	0.0001	+++
	3R4F	switch	0.06	0.05	0.07	0.5038	<.0001	<.0001	***
	cess	switch	-0.00	-0.01	0.00	0.0428	0.5318	0.8033	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
BALF-MAP
Mean +/- SEM
0.025
0.020
0.015
0.010
1M
2M
3M
6M
8M
Exposure duration

Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
BALF-MAP

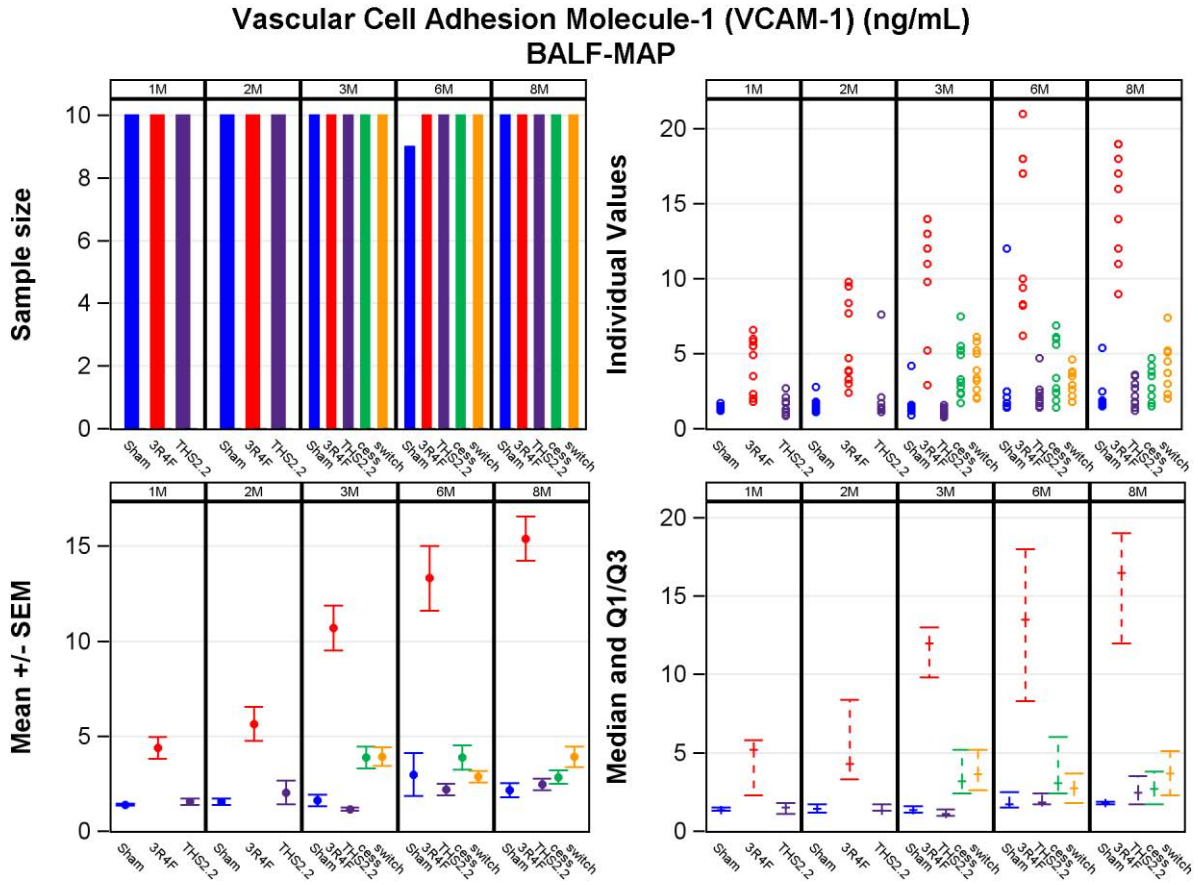
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	1	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	33.65			
	3R4F	10	0.01	0	0.01	0.01	0.02	0.02	0.04	0.02	0.01	0.00	37.96	**		
	THS2.2	10	0.01	0	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	24.40	-	**	
2M	Sham	10	0.01	1	0.00	0.01	0.01	0.01	0.02	0.01	0.00	0.00	31.19			
	3R4F	10	0.01	0	0.01	0.02	0.02	0.03	0.04	0.02	0.01	0.00	34.67	***		
	THS2.2	10	0.01	0	0.01	0.01	0.01	0.01	0.02	0.01	0.00	0.00	19.36	-	**	
3M	Sham	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.02	9	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	7	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	39.70	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.

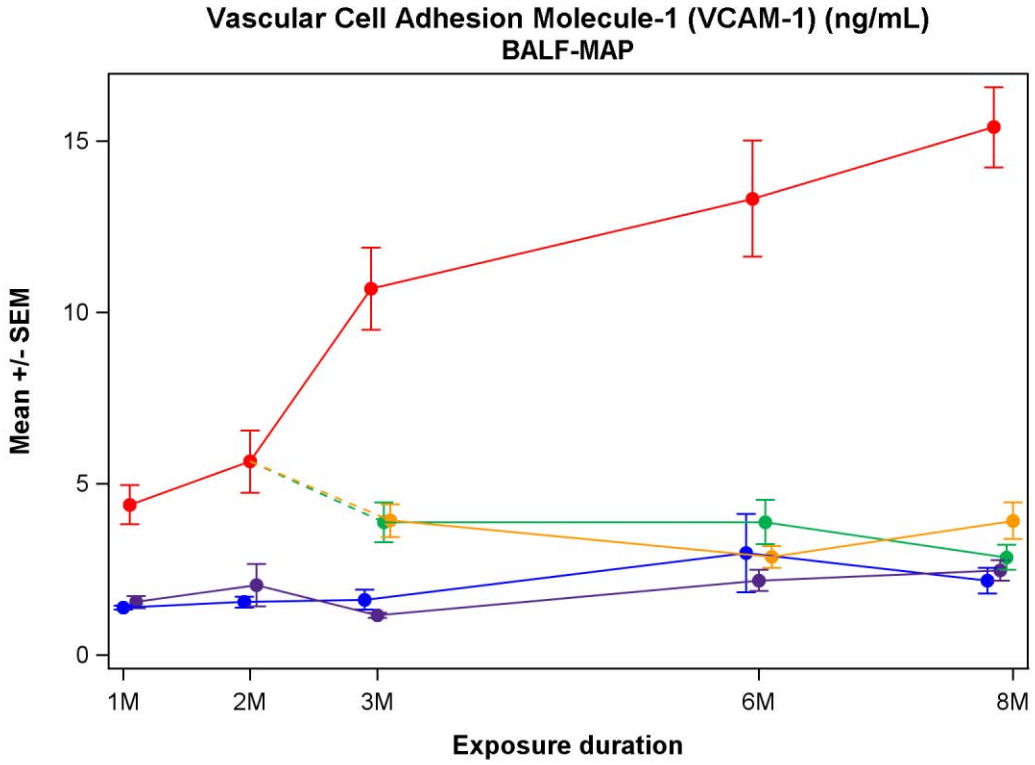
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.02	-0.00	0.9486	0.0027	0.0011	**
	Sham	THS2.2	-0.00	-0.00	0.00	0.0854	0.7845	0.9586	-
	3R4F	THS2.2	0.01	0.00	0.02	0.4075	0.0033	0.0004	**
2M	Sham	3R4F	-0.01	-0.02	-0.01	0.8222	0.0007	0.0004	***
	Sham	THS2.2	-0.00	-0.00	0.00	0.2213	0.2289	0.3073	-
	3R4F	THS2.2	0.01	0.00	0.02	0.0799	0.0021	0.0006	**
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-0.00	-0.01	0.00	.	0.0811	0.2082	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	-0.00	0.01	.	0.0811	0.2056	n.a.
	3R4F	cess	0.00	-0.00	0.01	.	0.0811	0.2152	n.a.
	3R4F	switch	0.00	-0.00	0.01	.	0.0811	0.2097	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
BALF-MAP

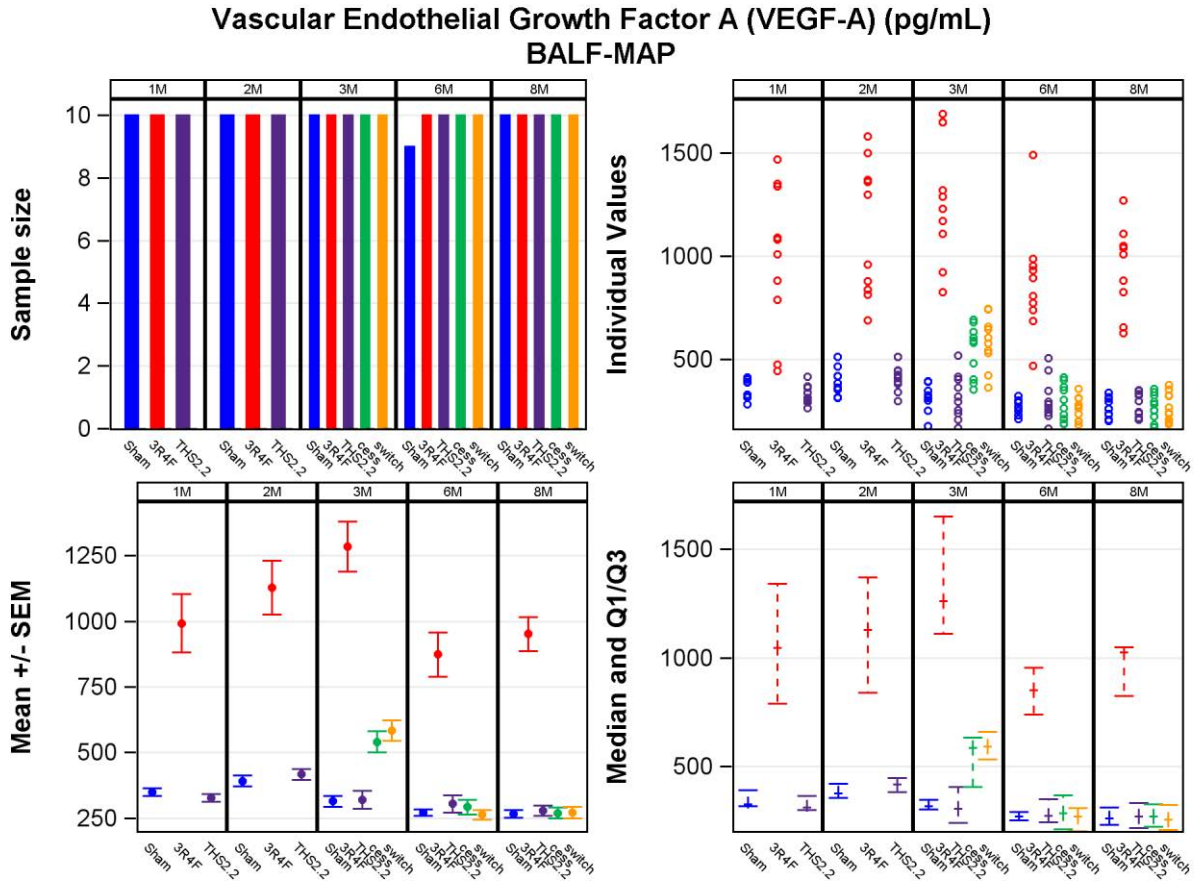
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.05	0	1.20	1.30	1.35	1.50	1.70	1.39	0.16	0.05	11.48			
	3R4F	10	0.05	0	1.80	2.30	5.20	5.80	6.60	4.39	1.82	0.58	41.43	***		
	THS2.2	10	0.05	0	0.86	1.10	1.50	1.80	2.70	1.55	0.57	0.18	36.48	-	***	
2M	Sham	10	0.06	0	1.10	1.20	1.45	1.70	2.80	1.55	0.50	0.16	32.37			
	3R4F	10	0.06	0	2.40	3.30	4.30	8.40	9.80	5.65	2.87	0.91	50.86	+++		
	THS2.2	10	0.06	0	1.10	1.30	1.30	1.70	7.60	2.04	1.97	0.62	96.76	(-)	+++	
3M	Sham	10	0.06	0	0.90	1.20	1.35	1.60	4.20	1.62	0.93	0.29	57.45			
	3R4F	10	0.06	0	2.90	9.80	12.00	13.00	14.00	10.69	3.77	1.19	35.24	***		
	THS2.2	10	0.06	0	0.76	1.00	1.10	1.40	1.60	1.16	0.26	0.08	22.49	(-)	***	
	cess	10	0.06	0	1.70	2.40	3.20	5.20	7.50	3.87	1.83	0.58	47.22	+++	***	
	switch	10	0.06	0	2.00	2.60	3.65	5.20	6.10	3.93	1.51	0.48	38.52	+++	***	-
6M	Sham	9	0.06	0	1.40	1.50	1.70	2.50	12.00	2.98	3.41	1.14	114.53			
	3R4F	10	0.06	0	6.20	8.30	13.50	18.00	21.00	13.31	5.36	1.69	40.26	+++		
	THS2.2	10	0.06	0	1.40	1.70	1.85	2.40	4.70	2.18	0.96	0.30	44.15	(-)	***	
	cess	10	0.06	0	1.40	2.40	3.05	6.00	6.90	3.88	2.04	0.65	52.66	(-)	+++	
	switch	10	0.06	0	1.80	1.80	2.75	3.70	4.60	2.87	0.99	0.31	34.65	+	+++	(-)
8M	Sham	10	0.06	0	1.50	1.70	1.80	1.90	5.40	2.17	1.17	0.37	53.74			
	3R4F	10	0.06	0	9.00	12.00	16.50	19.00	19.00	15.40	3.69	1.17	23.95	***		
	THS2.2	10	0.06	0	1.20	1.70	2.45	3.50	3.60	2.47	0.93	0.29	37.74	(-)	***	
	cess	10	0.06	0	1.50	1.70	2.70	3.80	4.70	2.85	1.15	0.37	40.52	(-)	***	
	switch	10	0.06	0	2.00	2.30	3.70	5.10	7.40	3.92	1.68	0.53	42.82	++	***	-

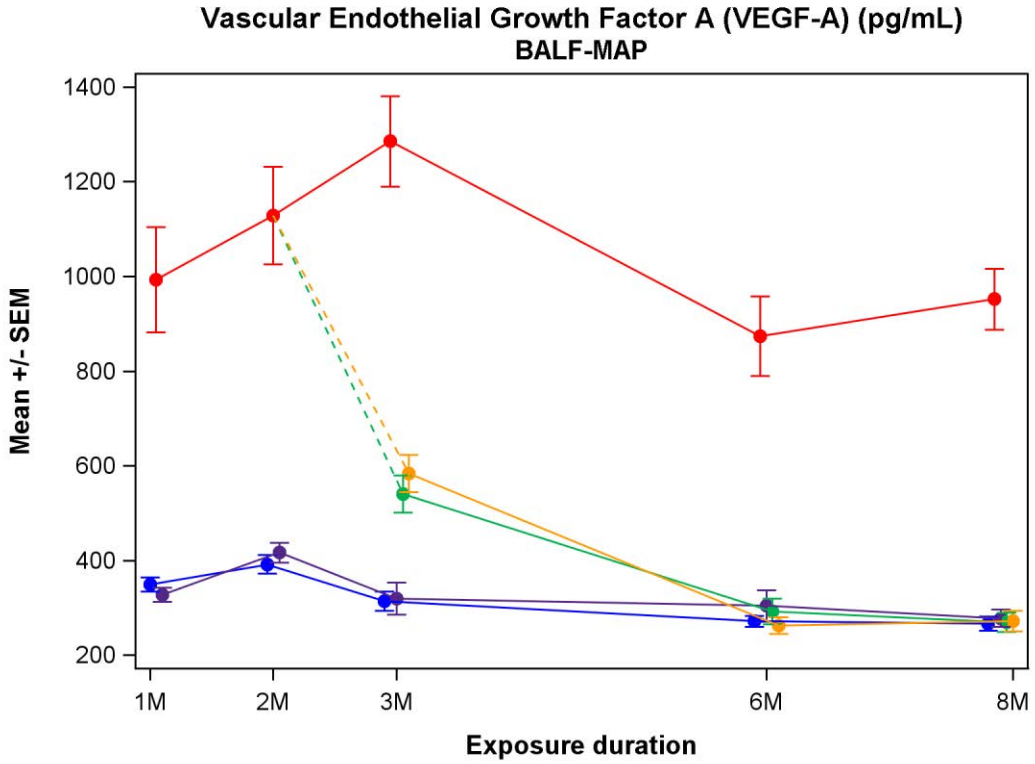
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-3.00	-4.30	-1.70	0.1396	0.0005	<.0001	***
	Sham	THS2.2	-0.16	-0.57	0.25	0.1146	0.4034	0.6687	-
	3R4F	THS2.2	2.84	1.51	4.17	0.3466	0.0007	0.0001	***
2M	Sham	3R4F	-4.10	-6.17	-2.03	0.0347	0.0014	<.0001	+++
	Sham	THS2.2	-0.49	-1.92	0.94	0.0001	0.4640	0.9870	(-)
	3R4F	THS2.2	3.61	1.27	5.95	0.0015	0.0048	0.0004	+++
3M	Sham	3R4F	-9.07	-11.80	-6.34	0.0857	<.0001	<.0001	***
	Sham	THS2.2	0.46	-0.22	1.14	0.0151	0.1638	0.0825	(-)
	Sham	cess	-2.25	-3.65	-0.85	0.0022	0.0040	0.0003	+++
	Sham	switch	-2.31	-3.51	-1.11	0.0171	0.0009	0.0005	+++
	3R4F	THS2.2	9.53	6.83	12.23	0.2998	<.0001	<.0001	***
	3R4F	cess	6.82	3.96	9.68	0.7631	0.0002	0.0009	***
	3R4F	switch	6.76	3.96	9.56	0.3683	0.0002	0.0011	***
	cess	switch	-0.06	-1.64	1.52	0.1708	0.9372	0.7541	-
6M	Sham	3R4F	-10.33	-14.67	-5.99	0.0313	0.0001	0.0006	+++
	Sham	THS2.2	0.80	-1.86	3.45	0.0001	0.5146	0.7696	(-)
	Sham	cess	-0.90	-3.73	1.93	0.0058	0.5025	0.0907	(-)
	Sham	switch	0.11	-2.55	2.77	0.0081	0.9292	0.0499	+
	3R4F	THS2.2	11.13	7.27	14.99	0.0725	<.0001	<.0001	***
	3R4F	cess	9.43	5.46	13.40	0.0123	0.0003	<.0001	+++
	3R4F	switch	10.44	6.58	14.30	0.0400	0.0001	0.0001	+++
	cess	switch	1.01	-0.54	2.56	0.0380	0.1833	0.3791	(-)
8M	Sham	3R4F	-13.23	-15.93	-10.53	0.0886	<.0001	<.0001	***
	Sham	THS2.2	-0.30	-1.30	0.70	0.0218	0.5335	0.3977	(-)
	Sham	cess	-0.68	-1.77	0.41	0.0093	0.2066	0.2394	(-)
	Sham	switch	-1.75	-3.12	-0.38	0.0018	0.0155	0.0030	++
	3R4F	THS2.2	12.93	10.26	15.60	0.0794	<.0001	<.0001	***
	3R4F	cess	12.55	9.85	15.25	0.2975	<.0001	<.0001	***
	3R4F	switch	11.48	8.70	14.26	0.6233	<.0001	<.0001	***
	cess	switch	-1.07	-2.44	0.30	0.1453	0.1163	0.1350	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
BALF-MAP

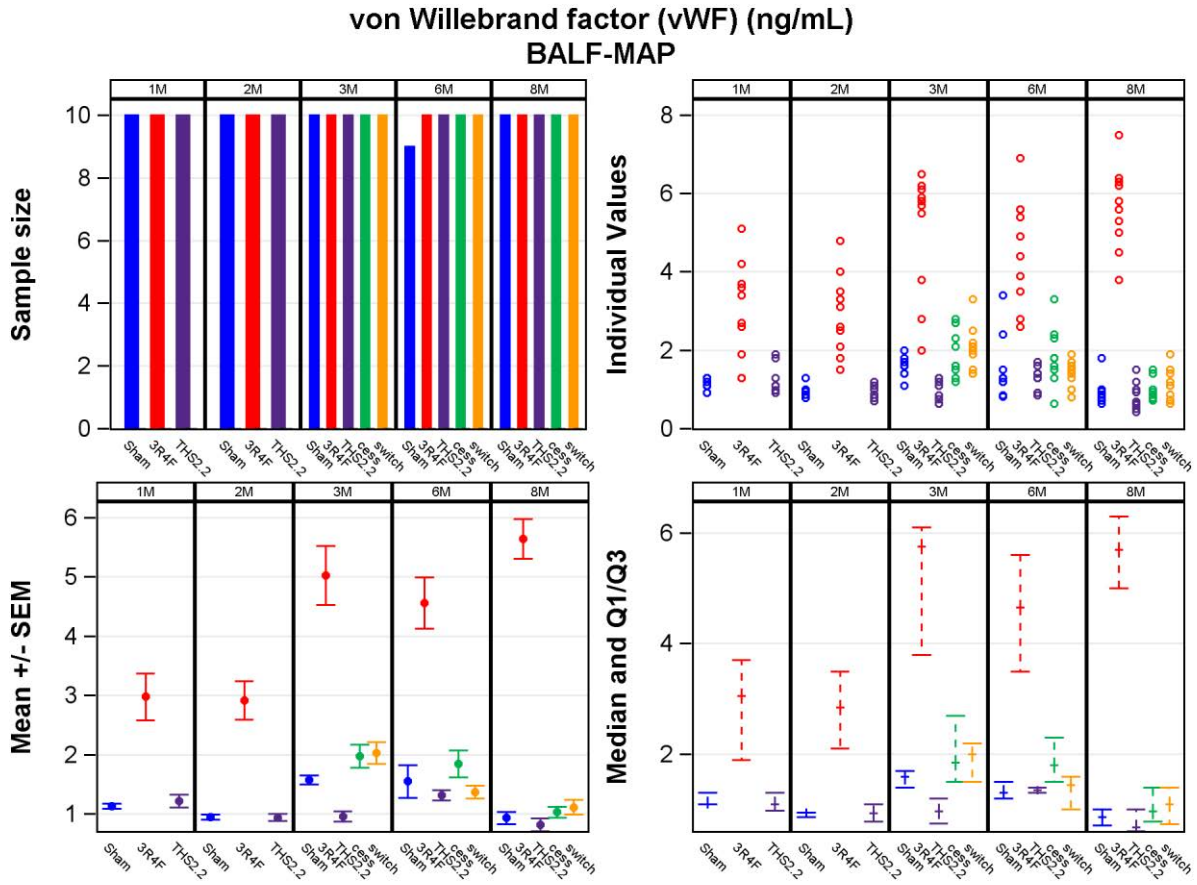
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	61.00	0	282.00	318.00	328.00	392.00	414.00	349.10	45.95	14.53	13.16			
	3R4F	10	61.00	0	445.00	788.00	1045.0	1340.0	1470.0	993.00	352.08	111.34	35.46	***		
	THS2.2	10	61.00	0	265.00	300.00	311.00	365.00	418.00	327.50	45.53	14.40	13.90	-	***	
2M	Sham	10	61.00	0	313.00	355.00	375.50	420.00	512.00	391.80	63.48	20.08	16.20			
	3R4F	10	61.00	0	691.00	839.00	1129.5	1370.0	1580.0	1129.0	324.79	102.71	28.77	***		
	THS2.2	10	61.00	0	299.00	383.00	418.00	448.00	512.00	416.60	67.71	21.41	16.25	-	***	
3M	Sham	10	32.00	0	177.00	303.00	316.50	348.00	396.00	314.00	64.11	20.27	20.42			
	3R4F	10	32.00	0	825.00	1110.0	1260.0	1650.0	1690.0	1285.7	302.21	95.57	23.51	***		
	THS2.2	10	32.00	0	167.00	241.00	306.50	405.00	518.00	319.10	108.02	34.16	33.85	-	***	
	cess	10	32.00	0	353.00	405.00	585.50	633.00	692.00	540.80	125.05	39.54	23.12	***	***	
	switch	10	32.00	0	365.00	532.00	592.00	659.00	747.00	584.30	124.76	39.45	21.35	***	***	-
6M	Sham	9	32.00	0	212.00	253.00	272.00	292.00	322.00	271.44	35.28	11.76	13.00			
	3R4F	10	32.00	0	470.00	739.00	852.00	955.00	1490.0	873.90	265.37	83.92	30.37	***		
	THS2.2	10	32.00	0	165.00	244.00	273.00	349.00	508.00	304.10	104.08	32.91	34.23	-	***	
	cess	10	32.00	0	187.00	211.00	285.00	367.00	414.00	292.20	87.07	27.53	29.80	-	***	
	switch	10	32.00	0	183.00	203.00	270.00	310.00	359.00	262.50	56.99	18.02	21.71	-	***	-
8M	Sham	10	32.00	0	203.00	232.00	261.00	312.00	340.00	266.60	47.45	15.00	17.80			
	3R4F	10	32.00	0	627.00	825.00	1025.0	1050.0	1270.0	951.90	202.98	64.19	21.32	***		
	THS2.2	10	32.00	0	209.00	218.00	272.00	333.00	351.00	278.10	59.08	18.68	21.25	-	***	
	cess	10	32.00	0	172.00	225.00	270.00	326.00	359.00	269.40	64.00	20.24	23.76	-	***	
	switch	10	32.00	0	187.00	209.00	255.50	325.00	375.00	271.60	68.27	21.59	25.14	-	***	-

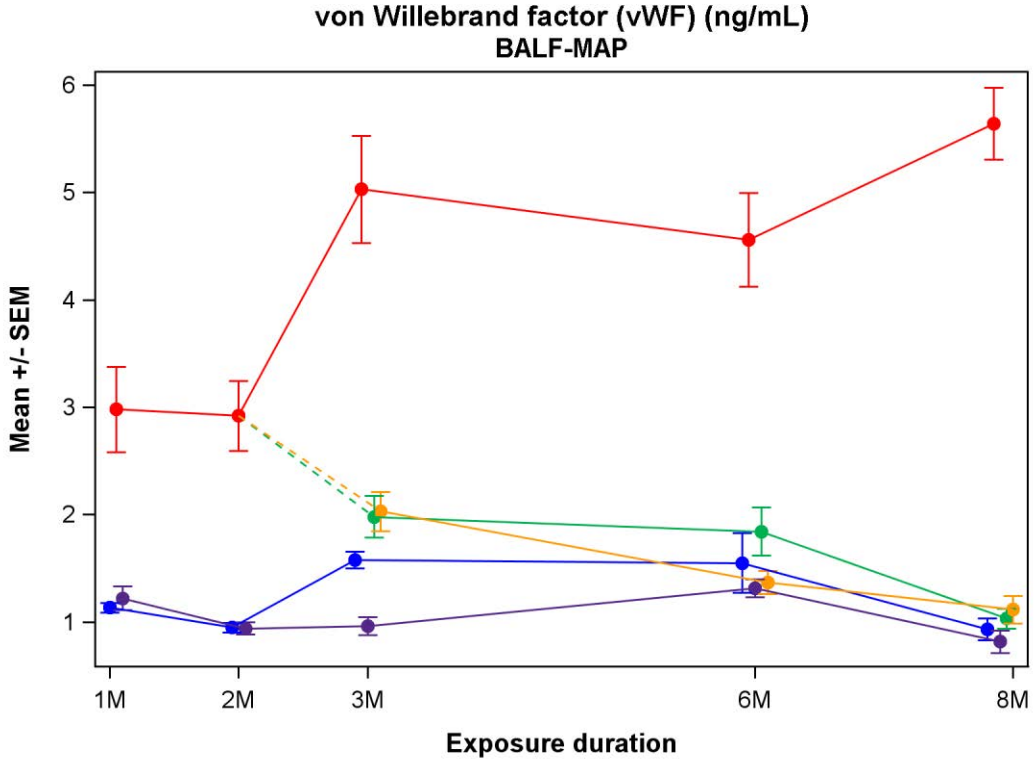
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-643.9	-896.6	-391.2	0.1249	0.0002	<.0001	***
	Sham	THS2.2	21.60	-21.38	64.58	0.0908	0.3050	0.2262	-
	3R4F	THS2.2	665.50	412.79	918.21	0.7136	0.0002	<.0001	***
2M	Sham	3R4F	-737.2	-971.4	-503.0	0.2680	<.0001	<.0001	***
	Sham	THS2.2	-24.80	-86.48	36.88	0.7628	0.4093	0.3866	-
	3R4F	THS2.2	712.40	477.92	946.88	0.4087	<.0001	<.0001	***
3M	Sham	3R4F	-971.7	-1190	-753.4	0.2019	<.0001	<.0001	***
	Sham	THS2.2	-5.10	-89.95	79.75	0.9944	0.8996	1.0000	-
	Sham	cess	-226.8	-322.5	-131.1	0.2674	0.0002	0.0005	***
	Sham	switch	-270.3	-365.8	-174.8	0.1729	<.0001	0.0001	***
	3R4F	THS2.2	966.60	743.86	1189.3	0.6605	<.0001	<.0001	***
	3R4F	cess	744.90	519.55	970.25	0.1286	<.0001	<.0001	***
	3R4F	switch	701.40	476.09	926.71	0.2178	<.0001	<.0001	***
	cess	switch	-43.50	-160.9	73.85	0.1817	0.4462	0.5253	-
6M	Sham	3R4F	-602.5	-793.0	-411.9	0.8598	<.0001	<.0001	***
	Sham	THS2.2	-32.66	-109.4	44.07	0.9020	0.3698	0.8420	-
	Sham	cess	-20.76	-85.91	44.40	0.3868	0.5012	0.7804	-
	Sham	switch	8.94	-36.87	54.76	0.7367	0.6835	0.7233	-
	3R4F	THS2.2	569.80	372.85	766.75	0.0698	<.0001	<.0001	***
	3R4F	cess	581.70	387.13	776.27	0.7851	<.0001	<.0001	***
	3R4F	switch	611.40	419.71	803.09	0.5709	<.0001	<.0001	***
	cess	switch	29.70	-40.24	99.64	0.2364	0.3806	0.5400	-
8M	Sham	3R4F	-685.3	-832.2	-538.4	0.4816	<.0001	<.0001	***
	Sham	THS2.2	-11.50	-62.01	39.01	0.0538	0.6373	0.5628	-
	Sham	cess	-2.80	-56.05	50.45	0.3312	0.9128	0.9272	-
	Sham	switch	-5.00	-60.72	50.72	0.1102	0.8516	0.8376	-
	3R4F	THS2.2	673.80	525.83	821.77	0.2703	<.0001	0.0001	***
	3R4F	cess	682.50	533.98	831.02	0.3156	<.0001	<.0001	***
	3R4F	switch	680.30	531.26	829.34	0.4880	<.0001	<.0001	***
	cess	switch	-2.20	-64.39	59.99	0.3311	0.9416	1.0000	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


von Willebrand factor (vWF) (ng/mL)
BALF-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

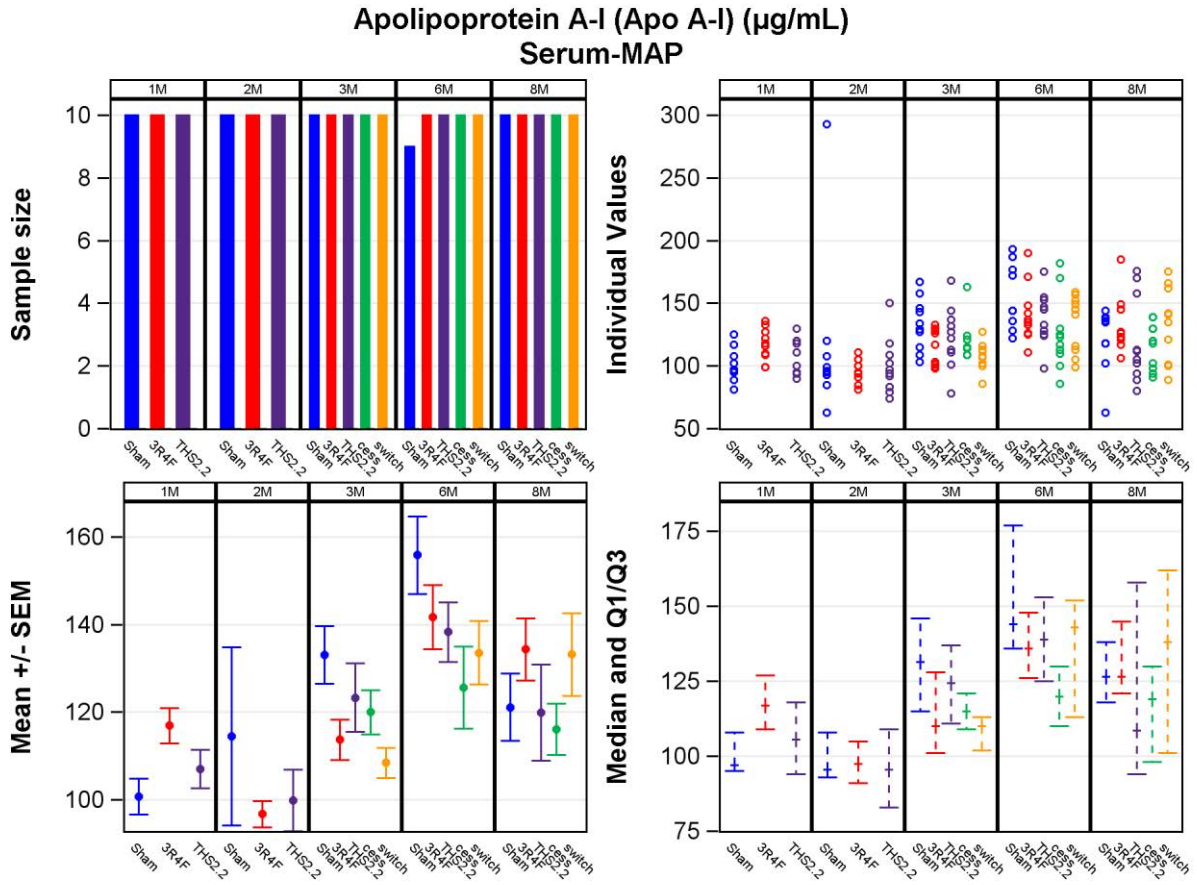

von Willebrand factor (vWF) (ng/mL)
BALF-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

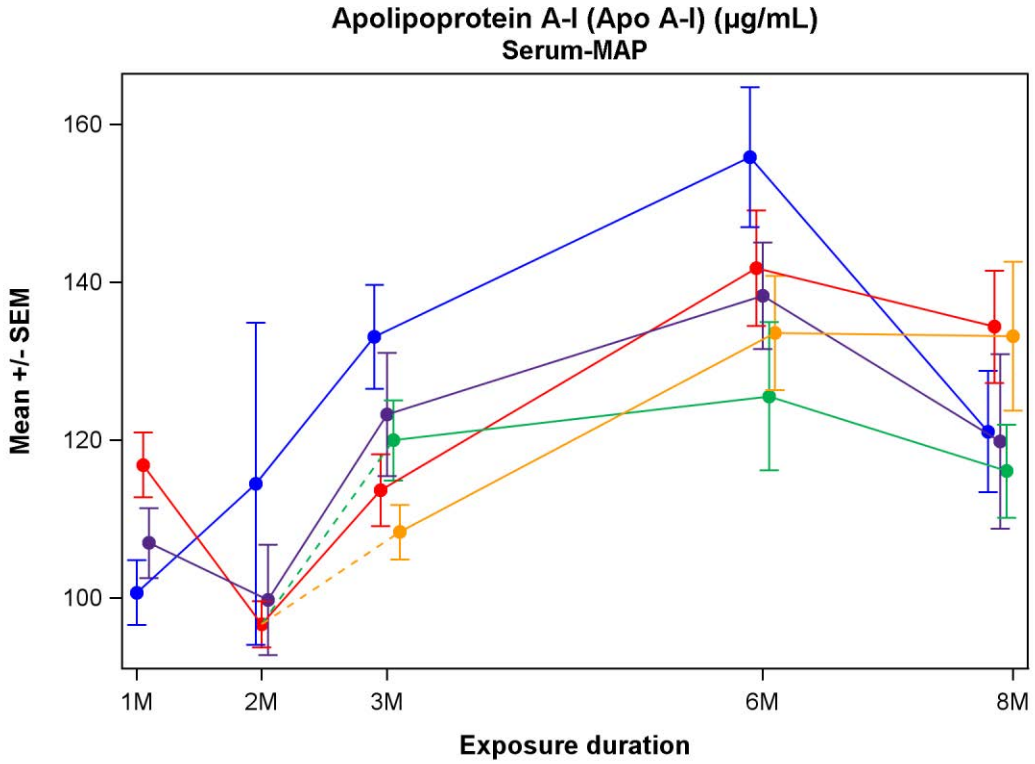
von Willebrand factor (vWF) (ng/mL)
BALF-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.45	0	0.92	1.10	1.10	1.30	1.30	1.13	0.14	0.05	12.58			
	3R4F	10	0.45	0	1.30	1.90	3.05	3.70	5.10	2.98	1.25	0.40	42.00	**		
	THS2.2	10	0.45	0	0.92	0.98	1.10	1.30	1.90	1.22	0.35	0.11	28.61	-	**	
2M	Sham	10	0.36	0	0.78	0.87	0.95	0.95	1.30	0.95	0.14	0.04	14.61			
	3R4F	10	0.36	0	1.50	2.10	2.85	3.50	4.80	2.92	1.02	0.32	35.07	***		
	THS2.2	10	0.36	0	0.70	0.78	0.94	1.10	1.20	0.94	0.18	0.06	19.33	-	***	
3M	Sham	10	0.36	0	1.10	1.40	1.60	1.70	2.00	1.58	0.24	0.08	15.45			
	3R4F	10	0.36	0	2.00	3.80	5.75	6.10	6.50	5.03	1.58	0.50	31.34	***		
	THS2.2	10	0.36	0	0.64	0.75	0.98	1.20	1.30	0.96	0.27	0.08	27.54	***	***	
	cess	10	0.36	0	1.20	1.50	1.85	2.70	2.80	1.98	0.62	0.19	31.12	-	***	
	switch	10	0.36	0	1.40	1.50	2.00	2.20	3.30	2.03	0.57	0.18	28.26	*	***	-
6M	Sham	9	0.36	0	0.81	1.20	1.30	1.50	3.40	1.55	0.83	0.28	53.72			
	3R4F	10	0.36	0	2.60	3.50	4.65	5.60	6.90	4.56	1.37	0.43	30.13	***		
	THS2.2	10	0.36	0	0.85	1.30	1.35	1.40	1.70	1.32	0.26	0.08	19.99	-	***	
	cess	10	0.36	0	0.64	1.50	1.80	2.30	3.30	1.84	0.71	0.23	38.63	(-)	***	
	switch	10	0.36	0	0.80	1.00	1.45	1.60	1.90	1.37	0.35	0.11	25.30	-	***	-
8M	Sham	10	0.36	0	0.64	0.72	0.86	1.00	1.80	0.93	0.33	0.10	35.12			
	3R4F	10	0.36	0	3.80	5.00	5.70	6.30	7.50	5.64	1.06	0.33	18.71	***		
	THS2.2	10	0.36	0	0.43	0.61	0.68	1.00	1.50	0.82	0.34	0.11	41.06	(-)	***	
	cess	10	0.36	0	0.72	0.78	0.97	1.40	1.50	1.03	0.29	0.09	28.33	(-)	***	
	switch	10	0.36	0	0.64	0.74	1.10	1.40	1.90	1.12	0.40	0.13	35.85	(-)	***	-

von Willebrand factor (vWF) (ng/mL)
BALF-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.85	-2.74	-0.95	0.2132	0.0011	<.0001	**
	Sham	THS2.2	-0.09	-0.35	0.17	0.1100	0.4755	0.9182	-
	3R4F	THS2.2	1.76	0.85	2.67	0.1087	0.0015	0.0002	**
2M	Sham	3R4F	-1.97	-2.71	-1.24	0.1093	0.0002	<.0001	***
	Sham	THS2.2	0.01	-0.15	0.16	0.2381	0.9241	1.0000	-
	3R4F	THS2.2	1.98	1.24	2.72	0.3775	0.0002	<.0001	***
3M	Sham	3R4F	-3.45	-4.58	-2.32	0.1062	<.0001	<.0001	***
	Sham	THS2.2	0.62	0.38	0.86	0.8089	<.0001	0.0002	***
	Sham	cess	-0.40	-0.86	0.06	0.7953	0.0810	0.2607	-
	Sham	switch	-0.45	-0.88	-0.02	0.5427	0.0412	0.0600	*
	3R4F	THS2.2	4.07	2.93	5.20	0.0514	<.0001	<.0001	***
	3R4F	cess	3.05	1.88	4.22	0.1307	0.0001	0.0002	***
	3R4F	switch	3.00	1.84	4.16	0.5647	0.0001	0.0003	***
	cess	switch	-0.05	-0.61	0.51	0.2493	0.8531	1.0000	-
6M	Sham	3R4F	-3.01	-4.11	-1.91	0.3689	<.0001	<.0001	***
	Sham	THS2.2	0.23	-0.42	0.89	0.6657	0.4393	0.6667	-
	Sham	cess	-0.29	-1.05	0.47	0.0472	0.4249	0.1737	(-)
	Sham	switch	0.18	-0.48	0.84	0.8023	0.5571	0.7706	-
	3R4F	THS2.2	3.24	2.25	4.23	0.5545	<.0001	<.0001	***
	3R4F	cess	2.72	1.66	3.77	0.7896	<.0001	0.0001	***
	3R4F	switch	3.19	2.19	4.19	0.5868	<.0001	<.0001	***
	cess	switch	0.47	-0.07	1.02	0.9417	0.0809	0.0728	-
8M	Sham	3R4F	-4.71	-5.48	-3.93	0.1475	<.0001	<.0001	***
	Sham	THS2.2	0.12	-0.20	0.43	0.0051	0.4448	0.2551	(-)
	Sham	cess	-0.10	-0.39	0.19	0.0069	0.4815	0.3743	(-)
	Sham	switch	-0.18	-0.53	0.16	0.0153	0.2812	0.2557	(-)
	3R4F	THS2.2	4.82	4.05	5.59	0.8177	<.0001	<.0001	***
	3R4F	cess	4.61	3.84	5.37	0.6623	<.0001	<.0001	***
	3R4F	switch	4.52	3.74	5.31	0.8537	<.0001	0.0001	***
	cess	switch	-0.08	-0.41	0.25	0.0705	0.6080	0.8144	-


Apolipoprotein A-I (Apo A-I) (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Apolipoprotein A-I (Apo A-I) (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Apolipoprotein A-I (Apo A-I) (µg/mL)
Serum-MAP

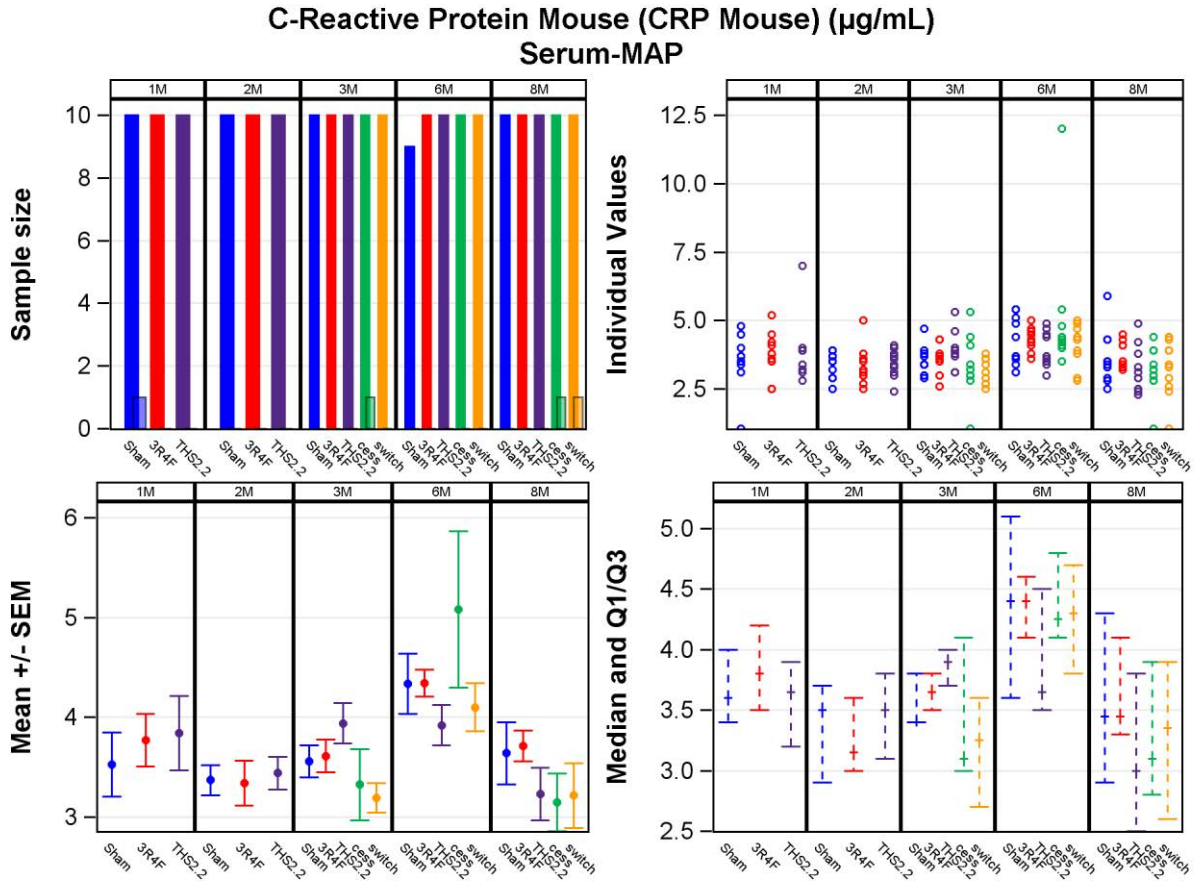
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	20.00	0	81.00	95.00	97.00	108.00	125.00	100.70	12.99	4.11	12.90			
	3R4F	10	20.00	0	99.00	109.00	117.00	127.00	136.00	116.90	12.93	4.09	11.06	*		
	THS2.2	10	20.00	0	90.00	94.00	105.50	118.00	130.00	107.00	14.05	4.44	13.13	-	-	
2M	Sham	10	20.00	0	63.00	93.00	95.50	108.00	293.00	114.50	64.42	20.37	56.26			
	3R4F	10	20.00	0	81.00	91.00	97.50	105.00	111.00	96.70	9.37	2.96	9.69	(-)		
	THS2.2	10	20.00	0	74.00	83.00	95.50	109.00	150.00	99.80	22.17	7.01	22.21	(-)	-	
3M	Sham	10	20.00	0	103.00	115.00	131.50	146.00	167.00	133.10	20.82	6.59	15.65			
	3R4F	10	20.00	0	98.00	101.00	110.00	128.00	133.00	113.70	14.45	4.57	12.71	*		
	THS2.2	10	20.00	0	78.00	111.00	124.50	137.00	168.00	123.30	24.75	7.83	20.07	-	-	
	cess	10	20.00	0	109.00	109.00	115.00	121.00	163.00	120.00	16.04	5.07	13.37	-	(-)	
	switch	10	20.00	0	86.00	102.00	110.00	113.00	127.00	108.40	10.93	3.46	10.08	**	-	(-)
6M	Sham	9	7.60	0	122.00	136.00	144.00	177.00	193.00	155.89	26.59	8.86	17.06			
	3R4F	10	7.60	0	111.00	126.00	136.00	148.00	190.00	141.80	23.19	7.33	16.36	-		
	THS2.2	10	7.60	0	98.00	125.00	139.00	153.00	175.00	138.30	21.35	6.75	15.44	-	-	
	cess	10	7.60	0	86.00	110.00	120.00	130.00	182.00	125.60	29.59	9.36	23.56	*	(-)	
	switch	10	7.60	0	99.00	113.00	143.00	152.00	159.00	133.60	22.86	7.23	17.11	-	-	-
8M	Sham	10	7.60	0	63.00	118.00	126.50	138.00	144.00	121.10	24.30	7.68	20.07			
	3R4F	10	7.60	0	106.00	121.00	126.50	145.00	185.00	134.40	22.47	7.10	16.72	-		
	THS2.2	10	7.60	0	80.00	94.00	108.50	158.00	176.00	119.90	34.93	11.04	29.13	-	-	
	cess	10	7.60	0	91.00	98.00	119.00	130.00	139.00	116.10	18.56	5.87	15.98	-	-	
	switch	10	7.60	0	89.00	101.00	138.00	162.00	175.00	133.20	29.88	9.45	22.43	-	-	-

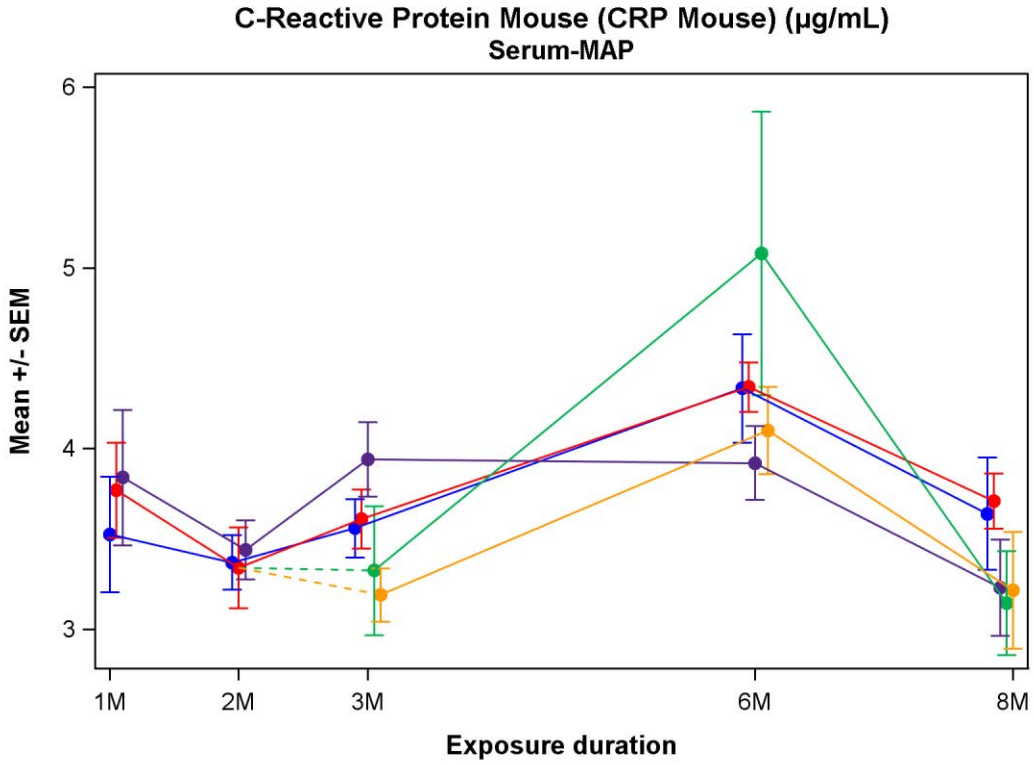
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Apolipoprotein A-I (Apo A-I) (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-16.20	-28.38	-4.02	0.6049	0.0120	0.0072	*
	Sham	THS2.2	-6.30	-19.02	6.42	0.4349	0.3116	0.4986	-
	3R4F	THS2.2	9.90	-2.79	22.59	0.2414	0.1185	0.1566	-
2M	Sham	3R4F	17.80	-28.48	64.08	0.0457	0.4088	0.9540	(-)
	Sham	THS2.2	14.70	-32.66	62.06	0.0004	0.5090	0.8377	(-)
	3R4F	THS2.2	-3.10	-19.67	13.47	0.9207	0.6909	0.9253	-
3M	Sham	3R4F	19.40	2.41	36.39	0.1467	0.0277	0.0236	*
	Sham	THS2.2	9.80	-11.73	31.33	0.9950	0.3510	0.3966	-
	Sham	cess	13.10	-4.45	30.65	0.0774	0.1336	0.1209	-
	Sham	switch	24.70	8.71	40.69	0.9628	0.0052	0.0044	**
	3R4F	THS2.2	-9.60	-28.98	9.78	0.7323	0.3068	0.2937	-
	3R4F	cess	-6.30	-20.66	8.06	0.0196	0.3685	0.5598	(-)
	3R4F	switch	5.30	-6.80	17.40	0.7816	0.3681	0.5889	-
	cess	switch	11.60	-1.42	24.62	0.0492	0.0772	0.0519	(-)
6M	Sham	3R4F	14.09	-10.29	38.47	0.2712	0.2384	0.2439	-
	Sham	THS2.2	17.59	-6.11	41.28	0.8140	0.1347	0.2887	-
	Sham	cess	30.29	3.10	57.48	0.2315	0.0311	0.0150	*
	Sham	switch	22.29	-1.96	46.54	0.0632	0.0691	0.1818	-
	3R4F	THS2.2	3.50	-17.45	24.45	0.7350	0.7296	0.9012	-
	3R4F	cess	16.20	-8.88	41.28	0.0286	0.1907	0.0544	(-)
	3R4F	switch	8.20	-13.44	29.84	0.8302	0.4362	0.8506	-
	cess	switch	-8.00	-32.95	16.95	0.8517	0.5078	0.5454	-
8M	Sham	3R4F	-13.30	-35.30	8.70	0.4142	0.2201	0.3050	-
	Sham	THS2.2	1.20	-27.32	29.72	0.5941	0.9300	0.4914	-
	Sham	cess	5.00	-15.41	25.41	0.1203	0.6118	0.4690	-
	Sham	switch	-12.10	-37.76	13.56	0.2969	0.3342	0.4037	-
	3R4F	THS2.2	14.50	-13.43	42.43	0.0541	0.2865	0.1172	-
	3R4F	cess	18.30	-1.11	37.71	0.4307	0.0630	0.1037	-
	3R4F	switch	1.20	-23.77	26.17	0.7487	0.9204	0.8625	-
	cess	switch	-17.10	-40.80	6.60	0.0866	0.1450	0.1391	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
Serum-MAP

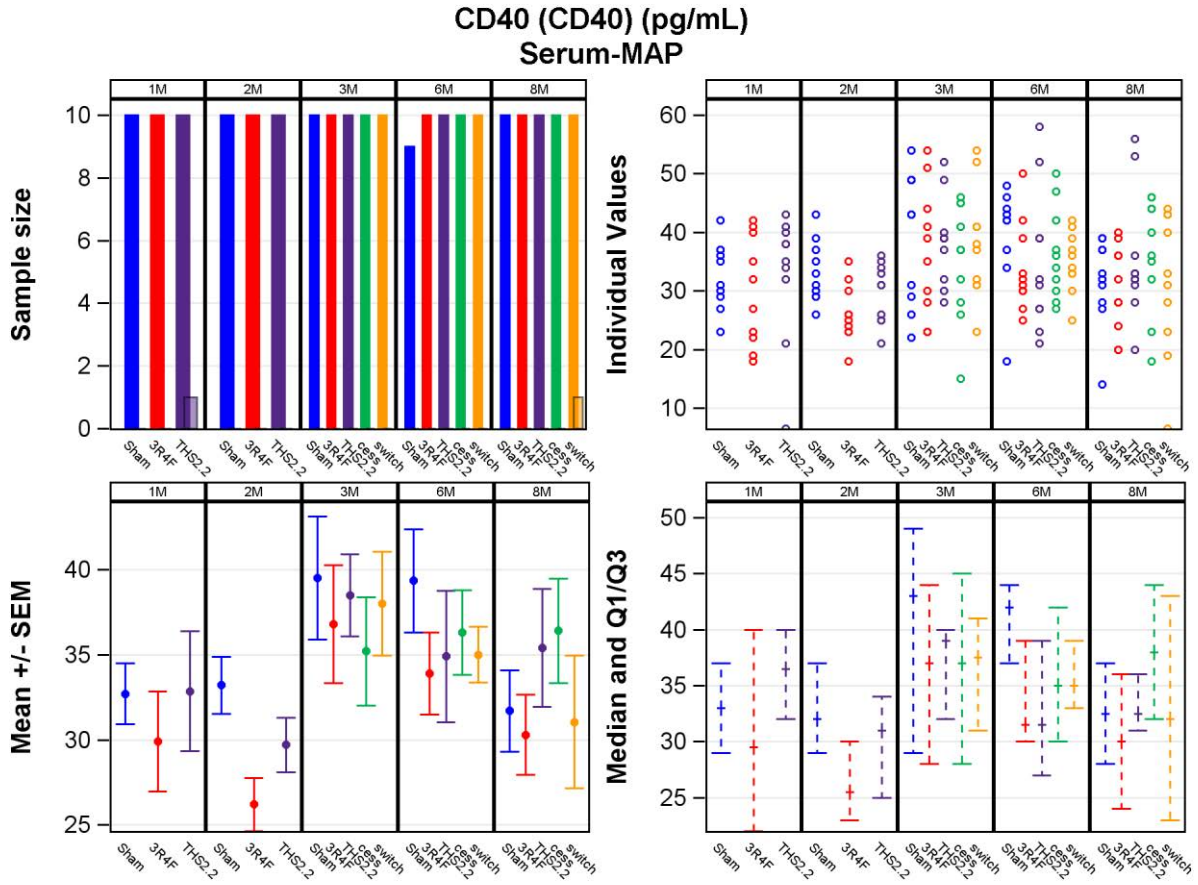
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.10	1	1.05	3.40	3.60	4.00	4.80	3.53	1.01	0.32	28.66			
	3R4F	10	2.10	0	2.50	3.50	3.80	4.20	5.20	3.77	0.83	0.26	22.02	-		
	THS2.2	10	2.10	0	2.80	3.20	3.65	3.90	7.00	3.84	1.19	0.38	30.89	(-)	-	
2M	Sham	10	2.10	0	2.50	2.90	3.50	3.70	3.90	3.37	0.48	0.15	14.13			
	3R4F	10	2.10	0	2.50	3.00	3.15	3.60	5.00	3.34	0.71	0.22	21.13	-		
	THS2.2	10	2.10	0	2.40	3.10	3.50	3.80	4.10	3.44	0.51	0.16	14.96	-	-	
3M	Sham	10	2.10	0	2.90	3.40	3.40	3.80	4.70	3.56	0.51	0.16	14.34			
	3R4F	10	2.10	0	2.60	3.50	3.65	3.80	4.30	3.61	0.52	0.16	14.33	-		
	THS2.2	10	2.10	0	3.10	3.70	3.90	4.00	5.30	3.94	0.65	0.21	16.46	(-)	-	
	cess	10	2.10	1	1.05	3.00	3.10	4.10	5.30	3.33	1.13	0.36	33.92	-	-	
	switch	10	2.10	0	2.50	2.70	3.25	3.60	3.80	3.19	0.47	0.15	14.66	-	-	-
6M	Sham	9	2.10	0	3.10	3.60	4.40	5.10	5.40	4.33	0.90	0.30	20.83			
	3R4F	10	2.10	0	3.60	4.10	4.40	4.60	5.00	4.34	0.43	0.14	9.85	-		
	THS2.2	10	2.10	0	3.00	3.50	3.65	4.50	4.90	3.92	0.65	0.20	16.48	-	-	
	cess	10	2.10	0	3.50	4.10	4.25	4.80	12.00	5.08	2.48	0.79	48.88	(-)	(-)	
	switch	10	2.10	0	2.80	3.80	4.30	4.70	5.00	4.10	0.76	0.24	18.61	-	-	(-)
8M	Sham	10	2.10	0	2.50	2.90	3.45	4.30	5.90	3.64	0.99	0.31	27.08			
	3R4F	10	2.10	0	3.20	3.30	3.45	4.10	4.50	3.71	0.48	0.15	13.05	(-)		
	THS2.2	10	2.10	0	2.30	2.50	3.00	3.80	4.90	3.23	0.84	0.27	26.07	(-)	(-)	
	cess	10	2.10	1	1.05	2.80	3.10	3.90	4.40	3.15	0.91	0.29	28.93	-	-	
	switch	10	2.10	1	1.05	2.60	3.35	3.90	4.40	3.22	1.02	0.32	31.77	-	-	-

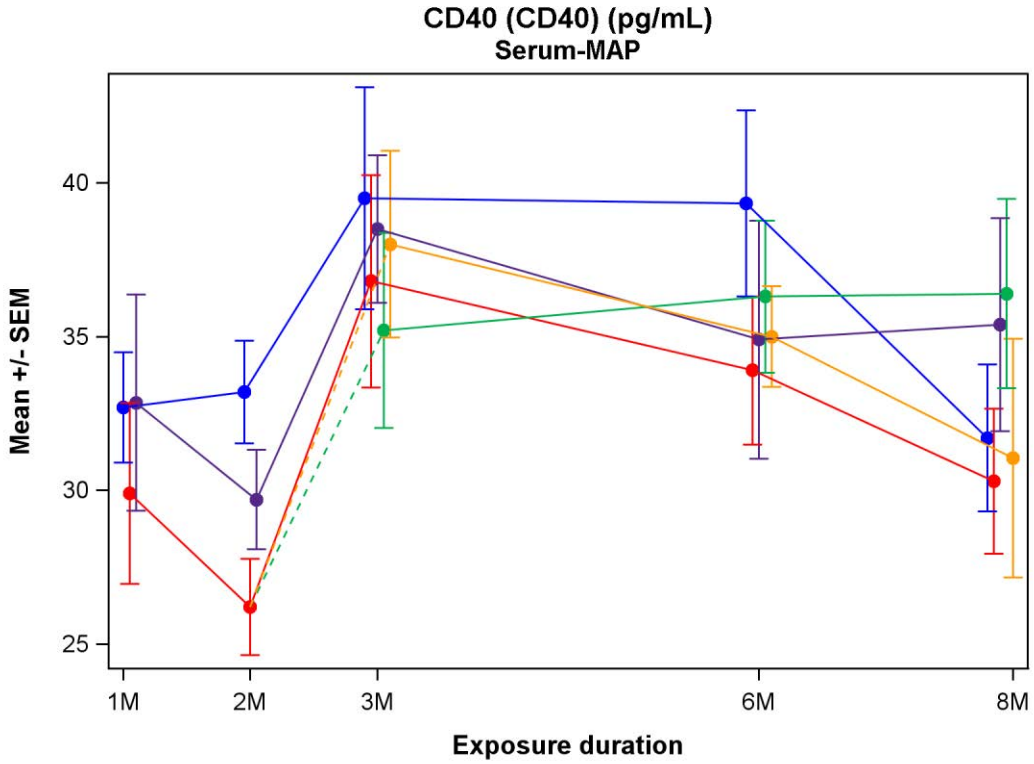
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

C-Reactive Protein Mouse (CRP Mouse) (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.25	-1.12	0.63	0.1498	0.5611	0.4932	-
	Sham	THS2.2	-0.32	-1.35	0.72	0.0225	0.5309	0.8678	(-)
	3R4F	THS2.2	-0.07	-1.04	0.90	0.0637	0.8804	0.6681	-
2M	Sham	3R4F	0.03	-0.54	0.60	0.8617	0.9127	0.6129	-
	Sham	THS2.2	-0.07	-0.54	0.40	0.1830	0.7559	0.7283	-
	3R4F	THS2.2	-0.10	-0.68	0.48	0.9715	0.7220	0.4063	-
3M	Sham	3R4F	-0.05	-0.53	0.43	0.6739	0.8302	0.5743	-
	Sham	THS2.2	-0.38	-0.93	0.17	0.0403	0.1635	0.0975	(-)
	Sham	cess	0.23	-0.61	1.08	0.2757	0.5590	0.3954	-
	Sham	switch	0.37	-0.09	0.83	0.5142	0.1084	0.1854	-
	3R4F	THS2.2	-0.33	-0.88	0.22	0.3065	0.2252	0.1483	-
	3R4F	cess	0.28	-0.57	1.14	0.2383	0.4809	0.3617	-
	3R4F	switch	0.42	-0.04	0.88	0.3809	0.0731	0.0800	-
	cess	switch	0.14	-0.71	0.98	0.8597	0.7326	0.6986	-
6M	Sham	3R4F	-0.01	-0.73	0.72	0.5095	0.9842	0.9841	-
	Sham	THS2.2	0.41	-0.36	1.19	0.0638	0.2744	0.2868	-
	Sham	cess	-0.75	-2.59	1.09	0.0292	0.3927	0.7903	(-)
	Sham	switch	0.23	-0.59	1.05	0.1268	0.5538	0.5399	-
	3R4F	THS2.2	0.42	-0.10	0.94	0.4994	0.1062	0.1303	-
	3R4F	cess	-0.74	-2.53	1.05	0.0404	0.3760	0.9582	(-)
	3R4F	switch	0.24	-0.35	0.83	0.2222	0.4000	0.7047	-
	cess	switch	0.98	-0.83	2.79	0.0425	0.2587	0.5921	(-)
8M	Sham	3R4F	-0.07	-0.82	0.68	0.0384	0.8433	0.6750	(-)
	Sham	THS2.2	0.41	-0.45	1.27	0.0352	0.3308	0.2726	(-)
	Sham	cess	0.50	-0.40	1.39	0.5110	0.2586	0.4421	-
	Sham	switch	0.43	-0.52	1.37	0.8664	0.3563	0.5900	-
	3R4F	THS2.2	0.48	-0.18	1.14	0.0290	0.1399	0.0745	(-)
	3R4F	cess	0.57	-0.14	1.27	0.5256	0.1054	0.0667	-
	3R4F	switch	0.50	-0.28	1.27	0.3772	0.1897	0.2863	-
	cess	switch	-0.07	-0.98	0.84	0.0841	0.8733	0.8769	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


CD40 (CD40) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


CD40 (CD40) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

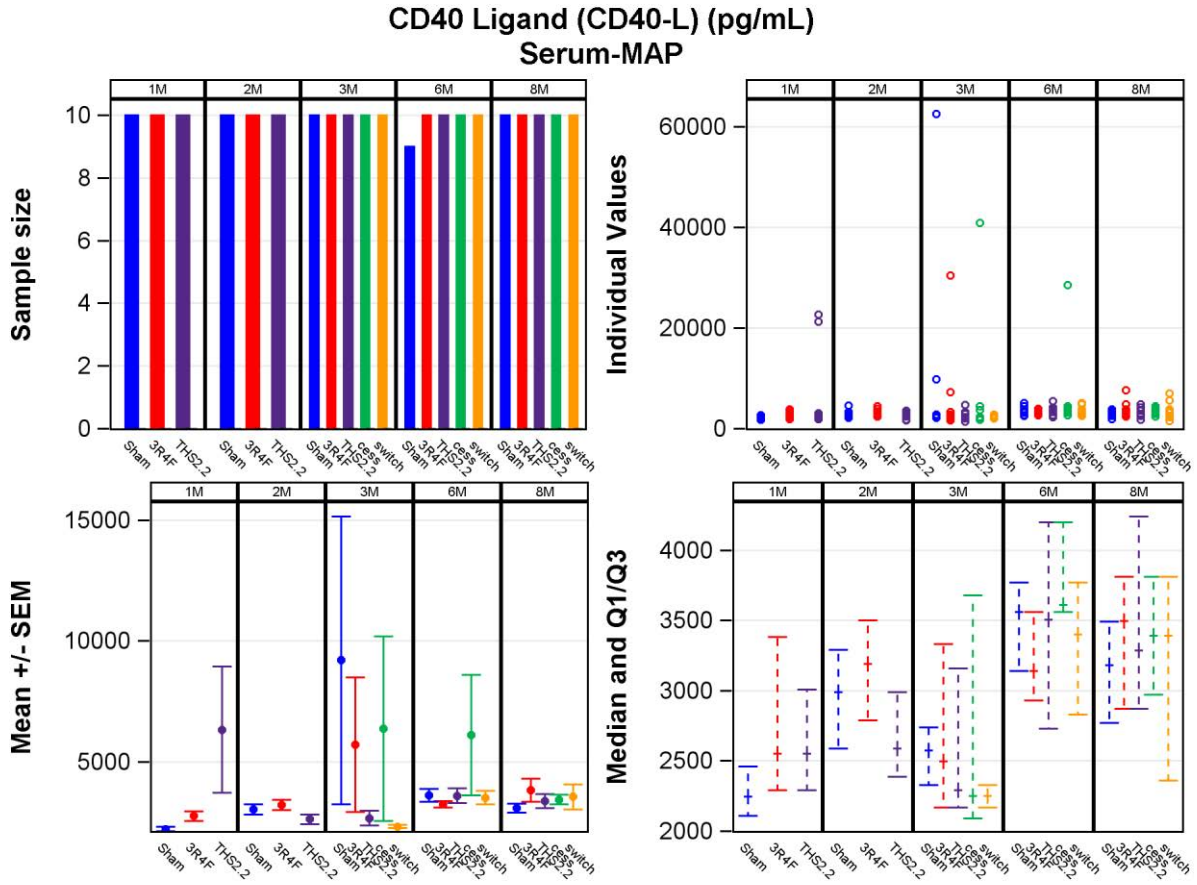
CD40 (CD40) (pg/mL)
Serum-MAP

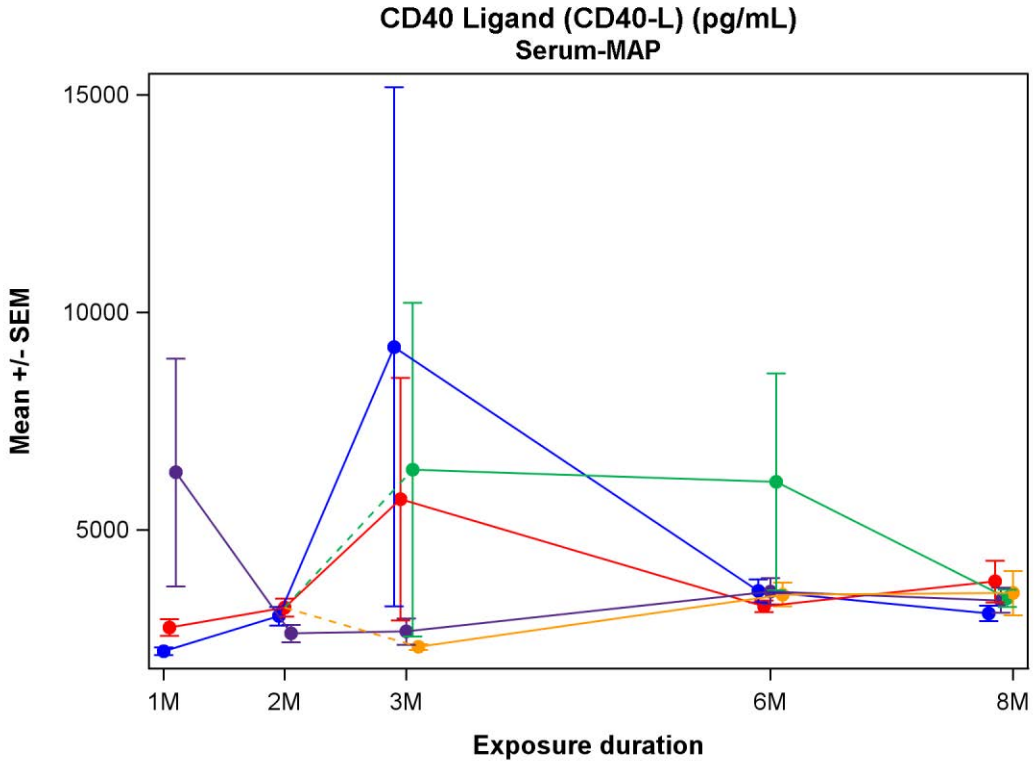
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	13.00	0	23.00	29.00	33.00	37.00	42.00	32.70	5.68	1.80	17.36			
	3R4F	10	13.00	0	18.00	22.00	29.50	40.00	42.00	29.90	9.31	2.95	31.15	-		
	THS2.2	10	13.00	1	6.50	32.00	36.50	40.00	43.00	32.85	11.13	3.52	33.88	-	-	
2M	Sham	10	13.00	0	26.00	29.00	32.00	37.00	43.00	33.20	5.27	1.67	15.86			
	3R4F	10	13.00	0	18.00	23.00	25.50	30.00	35.00	26.20	4.94	1.56	18.85	**		
	THS2.2	10	13.00	0	21.00	25.00	31.00	34.00	36.00	29.70	5.10	1.61	17.17	-	-	
3M	Sham	10	13.00	0	22.00	29.00	43.00	49.00	54.00	39.50	11.43	3.62	28.95			
	3R4F	10	13.00	0	23.00	28.00	37.00	44.00	54.00	36.80	10.95	3.46	29.76	-		
	THS2.2	10	13.00	0	28.00	32.00	39.00	40.00	52.00	38.50	7.62	2.41	19.79	-	-	
	cess	10	13.00	0	15.00	28.00	37.00	45.00	46.00	35.20	10.02	3.17	28.47	-	-	
	switch	10	13.00	0	23.00	31.00	37.50	41.00	54.00	38.00	9.60	3.04	25.27	-	-	-
6M	Sham	9	13.00	0	18.00	37.00	42.00	44.00	48.00	39.33	9.07	3.02	23.06			
	3R4F	10	13.00	0	25.00	30.00	31.50	39.00	50.00	33.90	7.61	2.41	22.44	-		
	THS2.2	10	13.00	0	21.00	27.00	31.50	39.00	58.00	34.90	12.22	3.86	35.00	-	(-)	
	cess	10	13.00	0	27.00	30.00	35.00	42.00	50.00	36.30	7.85	2.48	21.62	-	-	
	switch	10	13.00	0	25.00	33.00	35.00	39.00	42.00	35.00	5.16	1.63	14.75	-	-	-
8M	Sham	10	13.00	0	14.00	28.00	32.50	37.00	39.00	31.70	7.56	2.39	23.84			
	3R4F	10	13.00	0	20.00	24.00	30.00	36.00	40.00	30.30	7.45	2.36	24.60	-		
	THS2.2	10	13.00	0	20.00	31.00	32.50	36.00	56.00	35.40	10.96	3.46	30.95	-	-	
	cess	10	13.00	0	18.00	32.00	38.00	44.00	46.00	36.40	9.73	3.08	26.74	(-)	-	
	switch	10	13.00	1	6.50	23.00	32.00	43.00	44.00	31.05	12.29	3.89	39.58	(-)	-	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

CD40 (CD40) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	2.80	-4.56	10.16	0.5592	0.4298	0.4639	-
	Sham	THS2.2	-0.15	-8.66	8.36	0.1854	0.9703	0.4019	-
	3R4F	THS2.2	-2.95	-12.61	6.71	0.2266	0.5287	0.4740	-
2M	Sham	3R4F	7.00	2.20	11.80	0.4448	0.0067	0.0077	**
	Sham	THS2.2	3.50	-1.37	8.37	0.6749	0.1485	0.2507	-
	3R4F	THS2.2	-3.50	-8.22	1.22	0.7961	0.1365	0.1420	-
3M	Sham	3R4F	2.70	-7.82	13.22	0.2000	0.5963	0.6450	-
	Sham	THS2.2	1.00	-8.23	10.23	0.4773	0.8209	0.7499	-
	Sham	cess	4.30	-5.81	14.41	0.1097	0.3831	0.3636	-
	Sham	switch	1.50	-8.44	11.44	0.4657	0.7545	0.8147	-
	3R4F	THS2.2	-1.70	-10.64	7.24	0.2382	0.6923	0.7510	-
	3R4F	cess	1.60	-8.27	11.47	0.8117	0.7372	0.9553	-
	3R4F	switch	-1.20	-10.89	8.49	0.3449	0.7975	0.7565	-
	cess	switch	-2.80	-12.02	6.42	0.9099	0.5315	0.7496	-
6M	Sham	3R4F	5.43	-2.77	13.63	0.8432	0.1791	0.0745	-
	Sham	THS2.2	4.43	-5.94	14.81	0.8533	0.3791	0.2400	-
	Sham	cess	3.03	-5.26	11.33	0.9638	0.4493	0.2661	-
	Sham	switch	4.33	-3.13	11.79	0.1177	0.2304	0.0423	-
	3R4F	THS2.2	-1.00	-10.70	8.70	0.0393	0.8290	0.8879	(-)
	3R4F	cess	-2.40	-9.66	4.86	0.0790	0.4963	0.4699	-
	3R4F	switch	-1.10	-7.27	5.07	0.8878	0.7102	0.4043	-
	cess	switch	1.30	-5.01	7.61	0.9257	0.6677	0.9285	-
8M	Sham	3R4F	1.40	-5.65	8.45	0.2395	0.6816	0.6438	-
	Sham	THS2.2	-3.70	-12.62	5.22	0.5158	0.3924	0.8341	-
	Sham	cess	-4.70	-12.92	3.52	0.0152	0.2443	0.1669	(-)
	Sham	switch	0.65	-9.08	10.38	0.0223	0.8886	0.8070	(-)
	3R4F	THS2.2	-5.10	-13.99	3.79	0.2077	0.2414	0.4685	-
	3R4F	cess	-6.10	-14.28	2.08	0.1193	0.1342	0.1418	-
	3R4F	switch	-0.75	-10.45	8.95	0.2359	0.8712	0.6493	-
	cess	switch	5.35	-5.10	15.80	0.0291	0.2955	0.2405	(-)


CD40 Ligand (CD40-L) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


CD40 Ligand (CD40-L) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

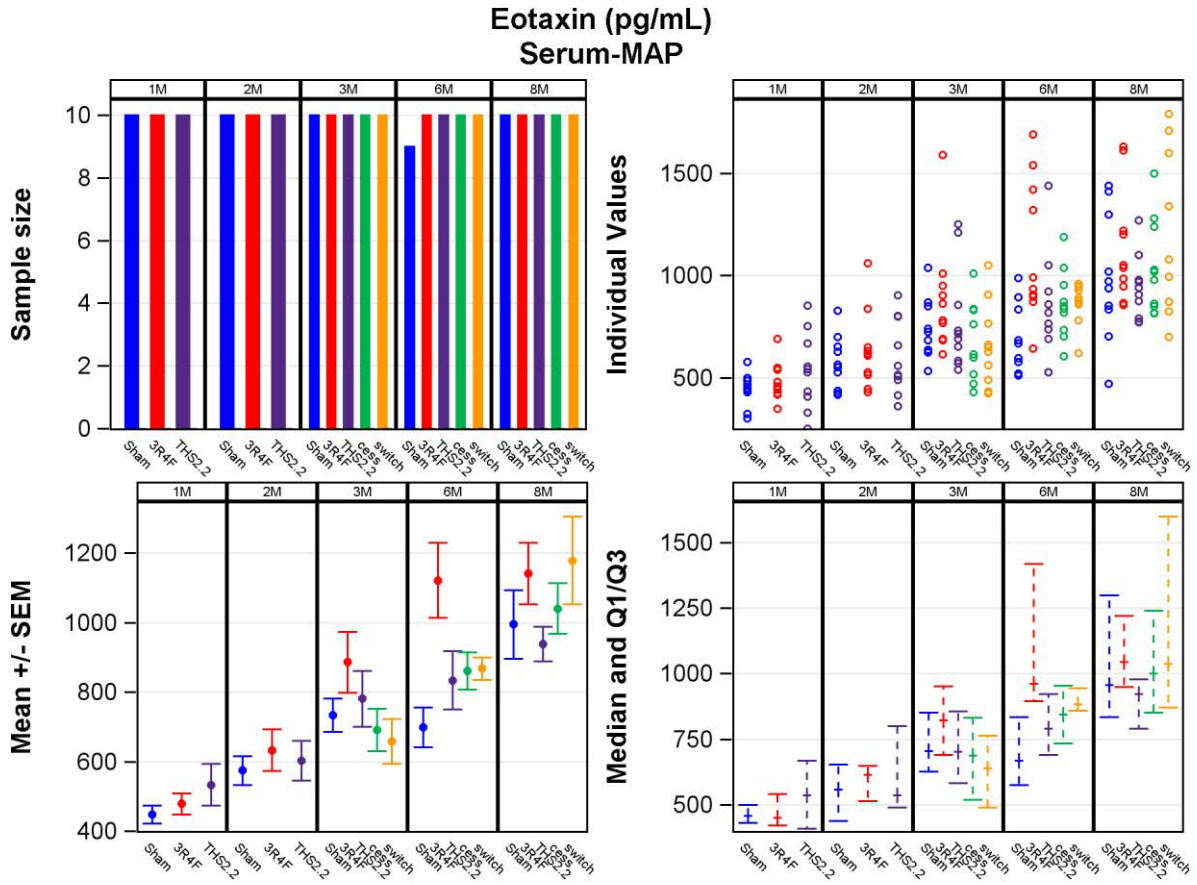
CD40 Ligand (CD40-L) (pg/mL)
Serum-MAP

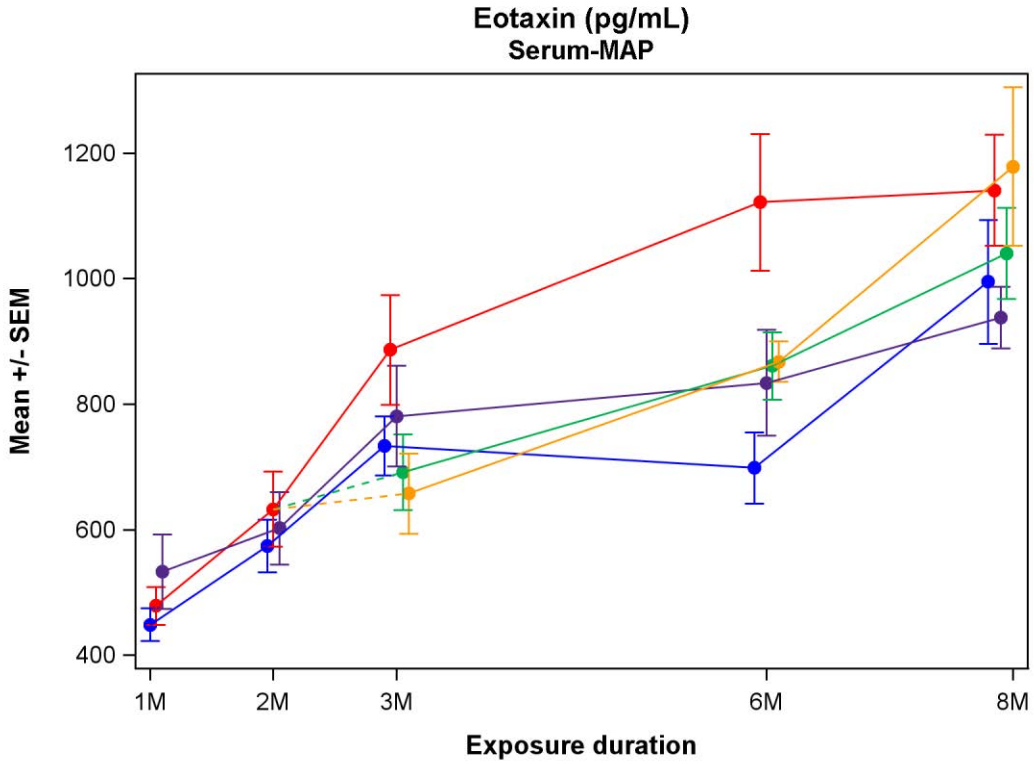
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	428.00	0	1760.0	2110.0	2245.0	2460.0	2640.0	2208.0	288.24	91.15	13.05			
	3R4F	10	428.00	0	1940.0	2290.0	2550.0	3380.0	3860.0	2753.0	628.14	198.63	22.82	*		
	THS2.2	10	428.00	0	1850.0	2290.0	2550.0	3010.0	22700	6321.0	8277.4	2617.5	130.95	(-)	(-)	
2M	Sham	10	428.00	0	2190.0	2590.0	2990.0	3290.0	4630.0	3014.0	673.62	213.02	22.35			
	3R4F	10	428.00	0	2390.0	2790.0	3190.0	3500.0	4420.0	3206.0	646.26	204.36	20.16	-		
	THS2.2	10	428.00	0	1600.0	2390.0	2590.0	2990.0	3600.0	2613.0	610.92	193.19	23.38	-	*	
3M	Sham	10	428.00	0	2170.0	2330.0	2575.0	2740.0	62500	9205.0	18870	5967.1	204.99			
	3R4F	10	428.00	0	1710.0	2170.0	2495.0	3330.0	30400	5707.0	8822.6	2790.0	154.59	(-)		
	THS2.2	10	428.00	0	1410.0	2170.0	2290.0	3160.0	4770.0	2659.0	942.93	298.18	35.46	(-)	(-)	
	cess	10	428.00	0	1780.0	2090.0	2250.0	3680.0	40800	6376.0	12124	3833.9	190.15	(-)	(-)	
	switch	10	428.00	0	2090.0	2170.0	2250.0	2330.0	2820.0	2307.0	216.13	68.35	9.37	+	(-)	(-)
6M	Sham	9	428.00	0	2530.0	3140.0	3560.0	3770.0	5080.0	3593.3	796.98	265.66	22.18			
	3R4F	10	428.00	0	2730.0	2930.0	3140.0	3560.0	3980.0	3236.0	419.42	132.63	12.96	-		
	THS2.2	10	428.00	0	2330.0	2730.0	3505.0	4200.0	5520.0	3585.0	954.05	301.70	26.61	-	-	
	cess	10	428.00	0	2630.0	3560.0	3610.0	4200.0	28500	6099.0	7886.5	2493.9	129.31	(-)	(-)	
	switch	10	428.00	0	2530.0	2830.0	3400.0	3770.0	5080.0	3508.0	864.57	273.40	24.65	-	(-)	(-)
8M	Sham	10	428.00	0	1870.0	2770.0	3180.0	3490.0	3810.0	3072.0	564.03	178.36	18.36			
	3R4F	10	428.00	0	2360.0	2870.0	3495.0	3810.0	7650.0	3813.0	1515.2	479.15	39.74	-		
	THS2.2	10	428.00	0	1770.0	2870.0	3285.0	4240.0	4790.0	3373.0	910.96	288.07	27.01	-	-	
	cess	10	428.00	0	2360.0	2970.0	3390.0	3810.0	4460.0	3427.0	631.05	199.56	18.41	-	-	
	switch	10	428.00	0	1570.0	2360.0	3390.0	3810.0	6940.0	3545.0	1622.8	513.19	45.78	-	(-)	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

CD40 Ligand (CD40-L) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-545.0	-1019	-71.44	0.6929	0.0274	0.0440	*
	Sham	THS2.2	-4113	-10036	1809.7	0.0320	0.1507	0.0777	(-)
	3R4F	THS2.2	-3568	-9496	2360.0	0.0016	0.2068	0.8677	(-)
2M	Sham	3R4F	-192.0	-812.3	428.26	0.0622	0.5237	0.5112	-
	Sham	THS2.2	401.00	-203.6	1005.6	0.5552	0.1803	0.2534	-
	3R4F	THS2.2	593.00	2.04	1184.0	0.5319	0.0493	0.0978	*
3M	Sham	3R4F	3498.0	-10760	17756	0.0001	0.6045	0.6957	(-)
	Sham	THS2.2	6546.0	-6959	20051	0.0001	0.3016	0.3249	(-)
	Sham	cess	2829.0	-12259	17917	0.0001	0.6955	0.1589	(-)
	Sham	switch	6898.0	-6601	20397	0.0001	0.2775	0.0294	+
	3R4F	THS2.2	3048.0	-3278	9373.7	0.0002	0.3050	0.6133	(-)
	3R4F	cess	-669.0	-10699	9360.6	0.0001	0.8895	0.6418	(-)
	3R4F	switch	3400.0	-2912	9712.1	0.0001	0.2540	0.2828	(-)
	cess	switch	4069.0	-4604	12742	0.0001	0.3162	0.9814	(-)
6M	Sham	3R4F	357.33	-290.6	1005.3	0.2798	0.2523	0.3671	-
	Sham	THS2.2	8.33	-840.1	856.75	0.3459	0.9837	0.9491	-
	Sham	cess	-2506	-8160	3148.8	0.0007	0.3433	0.6173	(-)
	Sham	switch	85.33	-719.0	889.68	0.1120	0.8255	0.7387	-
	3R4F	THS2.2	-349.0	-1065	366.78	0.2875	0.3099	0.4198	-
	3R4F	cess	-2863	-8508	2781.8	0.0007	0.2810	0.0695	(-)
	3R4F	switch	-272.0	-928.4	384.41	0.0413	0.3870	0.7542	(-)
	cess	switch	2591.0	-3064	8246.2	0.0003	0.3281	0.2769	(-)
8M	Sham	3R4F	-741.0	-1861	378.96	0.4937	0.1741	0.2616	-
	Sham	THS2.2	-301.0	-1023	421.10	0.6205	0.3883	0.5126	-
	Sham	cess	-355.0	-917.8	207.81	0.8723	0.2015	0.3068	-
	Sham	switch	-473.0	-1667	720.92	0.9855	0.4023	0.7299	-
	3R4F	THS2.2	440.00	-753.4	1633.4	0.2495	0.4437	0.8100	-
	3R4F	cess	386.00	-744.6	1516.6	0.1174	0.4713	0.8961	-
	3R4F	switch	268.00	-1208	1743.6	0.0052	0.7072	0.5979	(-)
	cess	switch	-118.0	-1322	1085.6	0.3974	0.8340	0.7793	-


Eotaxin (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Eotaxin (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

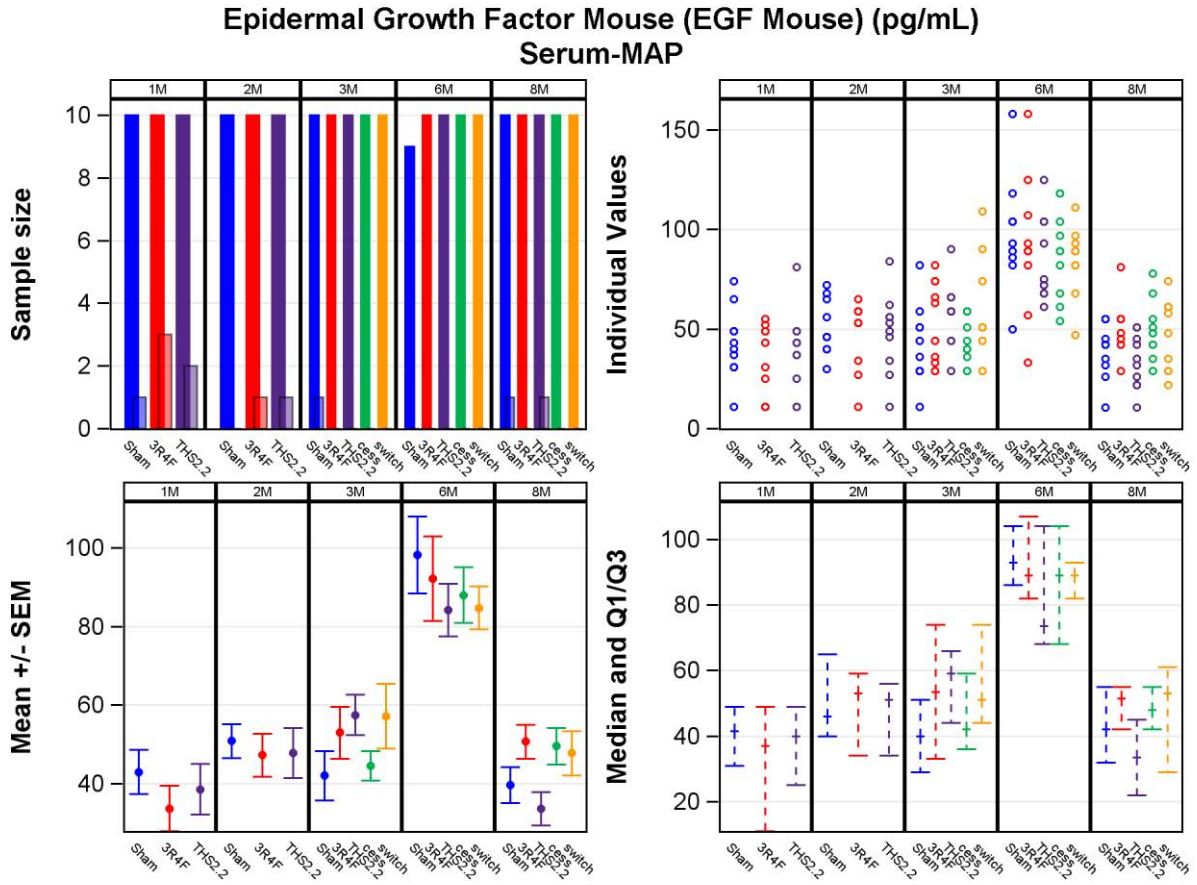
Eotaxin (pg/mL)
Serum-MAP

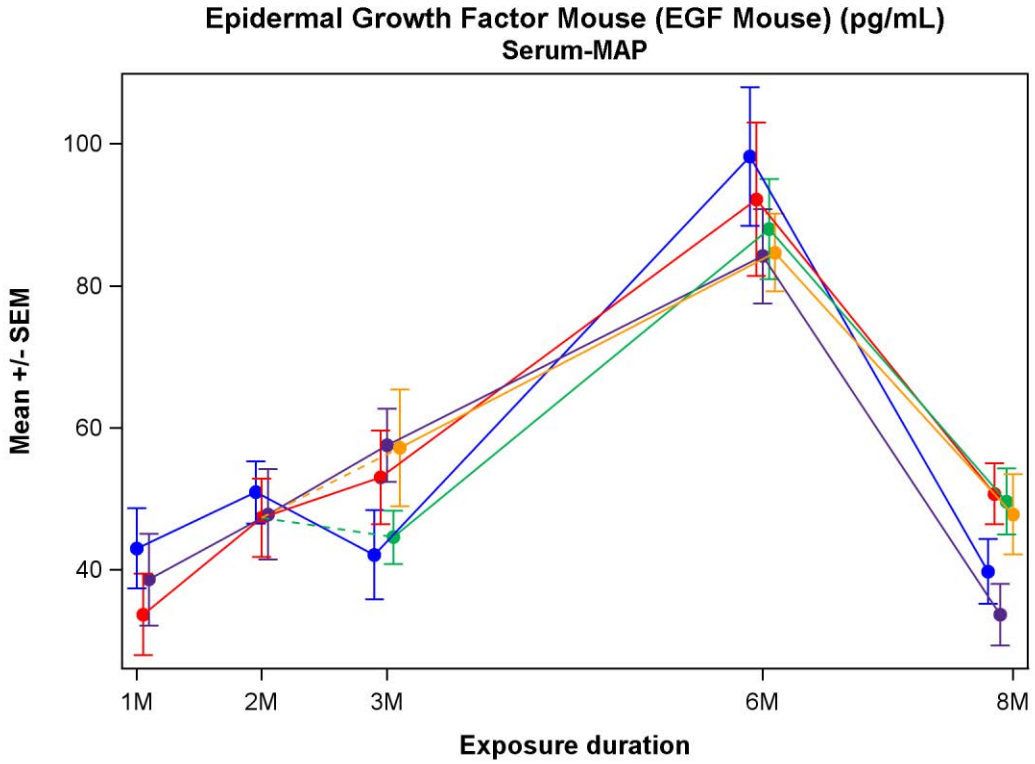
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	5.40	0	304.00	431.00	459.50	500.00	578.00	448.40	82.18	25.99	18.33			
	3R4F	10	5.40	0	351.00	421.00	452.00	541.00	692.00	478.70	95.56	30.22	19.96	-		
	THS2.2	10	5.40	0	253.00	411.00	536.00	669.00	855.00	533.50	187.32	59.24	35.11	-	-	
2M	Sham	10	5.40	0	418.00	438.00	560.00	654.00	829.00	574.30	132.48	41.89	23.07			
	3R4F	10	5.40	0	431.00	515.00	614.00	649.00	1060.0	632.80	190.29	60.17	30.07	-		
	THS2.2	10	5.40	0	363.00	490.00	537.50	801.00	904.00	602.20	181.67	57.45	30.17	-	-	
3M	Sham	10	5.40	0	534.00	628.00	705.00	852.00	1040.0	733.70	149.25	47.20	20.34			
	3R4F	10	5.40	0	617.00	692.00	823.50	952.00	1590.0	886.70	276.96	87.58	31.23	(-)		
	THS2.2	10	5.40	0	540.00	584.00	704.00	858.00	1250.0	780.80	254.09	80.35	32.54	(-)	(-)	
	cess	10	5.40	0	430.00	520.00	689.50	833.00	1010.0	691.60	190.90	60.37	27.60	-	-	
	switch	10	5.40	0	424.00	491.00	639.50	765.00	1050.0	657.70	202.67	64.09	30.82	-	+	-
6M	Sham	9	5.40	0	513.00	577.00	668.00	836.00	990.00	698.44	170.90	56.97	24.47			
	3R4F	10	5.40	0	645.00	897.00	963.00	1420.0	1690.0	1121.8	343.81	108.72	30.65	**		
	THS2.2	10	5.40	0	528.00	692.00	792.00	922.00	1440.0	834.20	267.47	84.58	32.06	-	-	
	cess	10	5.40	0	608.00	734.00	844.00	954.00	1190.0	860.90	168.75	53.36	19.60	-	-	
	switch	10	5.40	0	621.00	859.00	885.00	945.00	960.00	868.00	101.78	32.18	11.73	*	*	-
8M	Sham	10	7.30	0	473.00	836.00	956.00	1300.0	1440.0	994.90	310.93	98.32	31.25			
	3R4F	10	7.30	0	858.00	949.00	1045.0	1220.0	1630.0	1140.9	279.71	88.45	24.52	-		
	THS2.2	10	7.30	0	774.00	791.00	923.50	979.00	1270.0	938.00	156.06	49.35	16.64	-	(-)	
	cess	10	7.30	0	817.00	852.00	1000.0	1240.0	1500.0	1040.3	230.40	72.86	22.15	-	(-)	
	switch	10	7.30	0	701.00	872.00	1037.5	1600.0	1790.0	1178.8	400.34	126.60	33.96	-	(-)	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Eotaxin (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-30.30	-114.2	53.57	0.7619	0.4572	0.9523	-
	Sham	THS2.2	-85.10	-225.6	55.41	0.6832	0.2122	0.3058	-
	3R4F	THS2.2	-54.80	-198.0	88.44	0.4325	0.4243	0.5762	-
2M	Sham	3R4F	-58.50	-213.9	96.88	0.0813	0.4366	0.5999	-
	Sham	THS2.2	-27.90	-178.3	122.49	0.2798	0.6998	1.0000	-
	3R4F	THS2.2	30.60	-144.2	205.41	0.1013	0.7173	0.6815	-
3M	Sham	3R4F	-153.0	-366.6	60.64	0.0186	0.1467	0.1441	(-)
	Sham	THS2.2	-47.10	-246.3	152.06	0.0232	0.6208	0.9695	(-)
	Sham	cess	42.10	-119.6	203.76	0.3509	0.5899	0.4355	-
	Sham	switch	76.00	-92.28	244.28	0.1615	0.3534	0.3661	-
	3R4F	THS2.2	105.90	-143.9	355.74	0.0019	0.3848	0.1991	(-)
	3R4F	cess	195.10	-30.42	420.62	0.1882	0.0853	0.0763	-
	3R4F	switch	229.00	-0.51	458.51	0.0228	0.0505	0.0351	+
	cess	switch	33.90	-151.1	218.92	0.3810	0.7047	0.7939	-
6M	Sham	3R4F	-423.4	-687.6	-159.1	0.0708	0.0041	0.0031	**
	Sham	THS2.2	-135.8	-352.6	81.06	0.1208	0.2024	0.2015	-
	Sham	cess	-162.5	-327.3	2.42	0.3992	0.0531	0.0548	-
	Sham	switch	-169.6	-311.2	-27.94	0.6984	0.0226	0.0445	*
	3R4F	THS2.2	287.60	-3.06	578.26	0.2668	0.0522	0.0401	-
	3R4F	cess	260.90	-0.55	522.35	0.4613	0.0504	0.0442	-
	3R4F	switch	253.80	2.98	504.62	0.6583	0.0478	0.0736	*
	cess	switch	-7.10	-140.1	125.90	0.6469	0.9108	0.5246	-
8M	Sham	3R4F	-146.0	-424.1	132.08	0.1724	0.2843	0.2242	-
	Sham	THS2.2	56.90	-180.3	294.09	0.5685	0.6135	0.6851	-
	Sham	cess	-45.40	-304.1	213.27	0.3255	0.7153	0.7531	-
	Sham	switch	-183.9	-522.2	154.36	0.1520	0.2672	0.3995	-
	3R4F	THS2.2	202.90	-14.18	419.98	0.0189	0.0648	0.0780	(-)
	3R4F	cess	100.60	-140.8	341.99	0.0122	0.3920	0.3093	(-)
	3R4F	switch	-37.90	-365.1	289.34	0.0192	0.8092	1.0000	(-)
	cess	switch	-138.5	-451.0	174.02	0.0346	0.3587	0.4409	(-)


Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

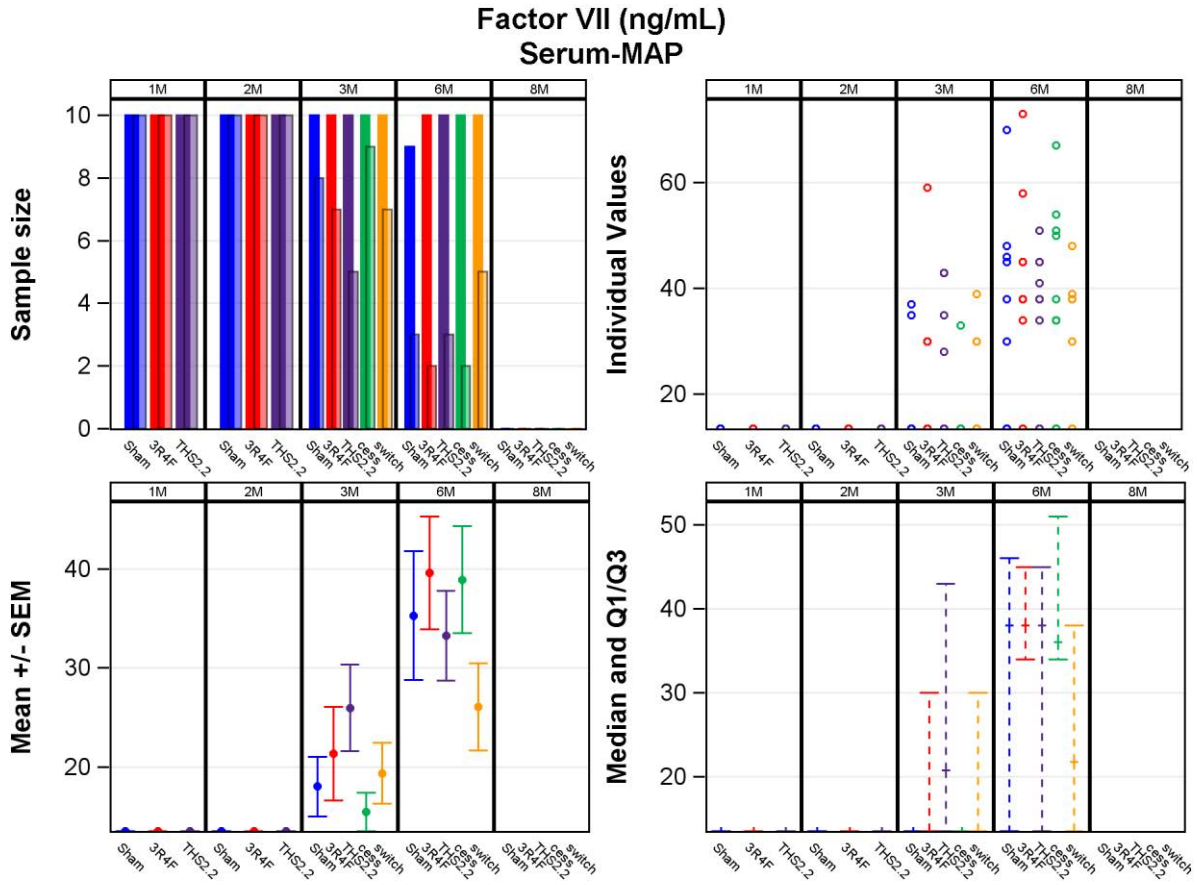
Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
Serum-MAP

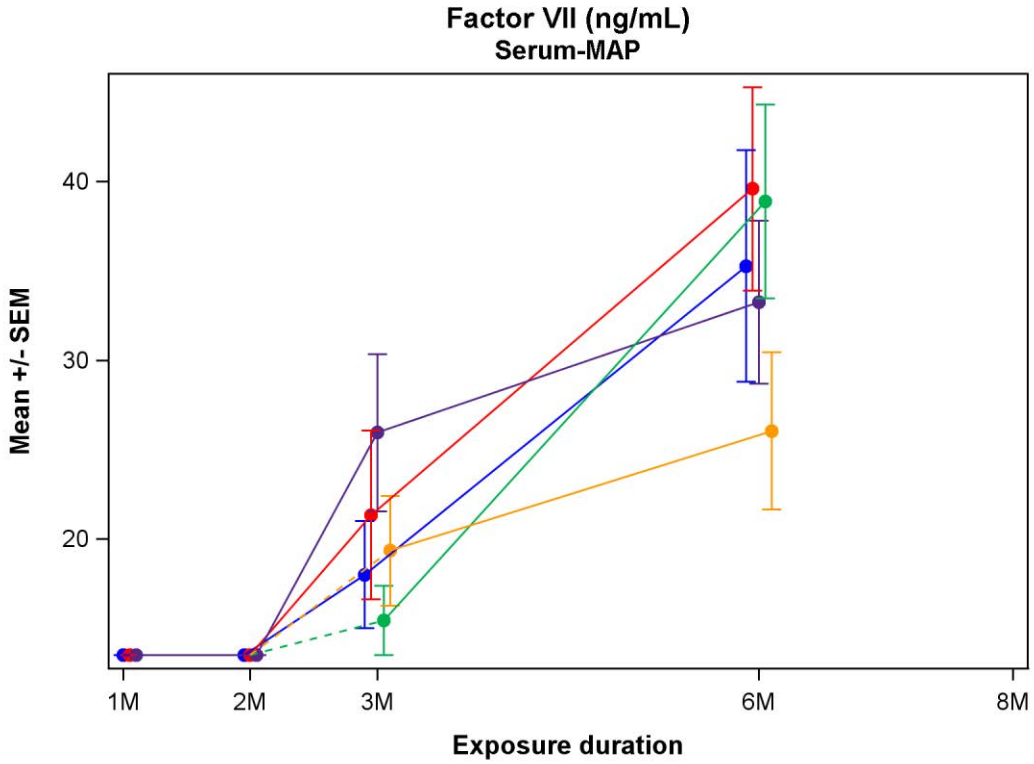
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	22.00	1	11.00	31.00	41.50	49.00	74.00	43.00	17.87	5.65	41.56			
	3R4F	10	22.00	3	11.00	11.00	37.00	49.00	55.00	33.70	18.17	5.75	53.92	-		
	THS2.2	10	22.00	2	11.00	25.00	40.00	49.00	81.00	38.60	20.46	6.47	53.00	-	-	
2M	Sham	10	22.00	0	30.00	40.00	46.00	65.00	72.00	50.90	13.78	4.36	27.07			
	3R4F	10	22.00	1	11.00	34.00	53.00	59.00	65.00	47.30	17.41	5.51	36.81	-		
	THS2.2	10	22.00	1	11.00	34.00	51.00	56.00	84.00	47.80	20.15	6.37	42.16	-	-	
3M	Sham	10	22.00	1	11.00	29.00	40.00	51.00	82.00	42.10	19.89	6.29	47.23			
	3R4F	10	22.00	0	29.00	33.00	53.50	74.00	82.00	53.00	20.85	6.59	39.35	-		
	THS2.2	10	22.00	0	29.00	44.00	59.00	66.00	90.00	57.50	16.28	5.15	28.32	-	-	
	cess	10	22.00	0	29.00	36.00	42.00	59.00	59.00	44.60	11.86	3.75	26.60	-	(-)	
	switch	10	22.00	0	29.00	44.00	51.00	74.00	109.00	57.20	26.02	8.23	45.50	-	-	-
6M	Sham	9	22.00	0	50.00	86.00	93.00	104.00	158.00	98.22	29.33	9.78	29.86			
	3R4F	10	22.00	0	33.00	82.00	89.00	107.00	158.00	92.20	34.16	10.80	37.05	-		
	THS2.2	10	22.00	0	61.00	68.00	73.50	104.00	125.00	84.20	21.01	6.64	24.95	-	-	
	cess	10	22.00	0	54.00	68.00	89.00	104.00	118.00	88.00	22.26	7.04	25.30	-	-	
	switch	10	22.00	0	47.00	82.00	89.00	93.00	111.00	84.70	17.26	5.46	20.38	-	-	-
8M	Sham	10	21.00	1	10.50	32.00	42.00	55.00	55.00	39.75	14.39	4.55	36.19			
	3R4F	10	21.00	0	29.00	42.00	51.50	55.00	81.00	50.70	13.56	4.29	26.74	-		
	THS2.2	10	21.00	1	10.50	22.00	33.50	45.00	51.00	33.65	13.63	4.31	40.49	-	*	
	cess	10	21.00	0	29.00	42.00	48.00	55.00	78.00	49.60	14.66	4.64	29.56	-	-	
	switch	10	21.00	0	22.00	29.00	53.00	61.00	74.00	47.80	17.79	5.63	37.23	-	-	-

Epidermal Growth Factor Mouse (EGF Mouse) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	9.30	-7.63	26.23	0.8171	0.2636	0.4567	-
	Sham	THS2.2	4.40	-13.67	22.47	0.6512	0.6148	0.6675	-
	3R4F	THS2.2	-4.90	-23.10	13.30	0.2562	0.5783	0.9262	-
2M	Sham	3R4F	3.60	-11.21	18.41	0.5610	0.6147	0.8725	-
	Sham	THS2.2	3.10	-13.27	19.47	0.9780	0.6934	0.8698	-
	3R4F	THS2.2	-0.50	-18.22	17.22	0.1395	0.9533	0.7806	-
3M	Sham	3R4F	-10.90	-30.05	8.25	0.5571	0.2472	0.2852	-
	Sham	THS2.2	-15.40	-32.52	1.72	0.2850	0.0749	0.0497	-
	Sham	cess	-2.50	-18.14	13.14	0.6175	0.7376	0.5976	-
	Sham	switch	-15.10	-36.97	6.77	0.1955	0.1633	0.2388	-
	3R4F	THS2.2	-4.50	-22.15	13.15	0.7519	0.5977	0.8406	-
	3R4F	cess	8.40	-7.84	24.64	0.0335	0.2865	0.3868	(-)
	3R4F	switch	-4.20	-26.43	18.03	0.0810	0.6953	0.7811	-
	cess	switch	-12.60	-32.20	7.00	0.1151	0.1877	0.3565	-
6M	Sham	3R4F	6.02	-24.72	36.77	0.2410	0.6845	0.7698	-
	Sham	THS2.2	14.02	-11.27	39.31	0.2577	0.2547	0.2526	-
	Sham	cess	10.22	-15.47	35.92	0.9109	0.4096	0.5580	-
	Sham	switch	13.52	-10.73	37.78	0.4961	0.2492	0.2650	-
	3R4F	THS2.2	8.00	-19.04	35.04	0.4656	0.5377	0.5156	-
	3R4F	cess	4.20	-23.21	31.61	0.7938	0.7490	0.8090	-
	3R4F	switch	7.50	-18.59	33.59	0.4325	0.5460	0.6137	-
	cess	switch	3.30	-15.50	22.10	0.5263	0.7156	0.7147	-
8M	Sham	3R4F	-10.95	-24.09	2.19	0.7035	0.0969	0.1444	-
	Sham	THS2.2	6.10	-7.07	19.27	0.2953	0.3432	0.2849	-
	Sham	cess	-9.85	-23.50	3.80	0.9705	0.1468	0.2601	-
	Sham	switch	-8.05	-23.30	7.20	0.4005	0.2812	0.2446	-
	3R4F	THS2.2	17.05	4.28	29.82	0.8522	0.0117	0.0126	*
	3R4F	cess	1.10	-12.17	14.37	0.1838	0.8637	0.6944	-
	3R4F	switch	2.90	-12.04	17.84	0.7208	0.6870	0.9265	-
	cess	switch	1.80	-13.56	17.16	0.6438	0.8079	0.9236	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Factor VII (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Factor VII (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

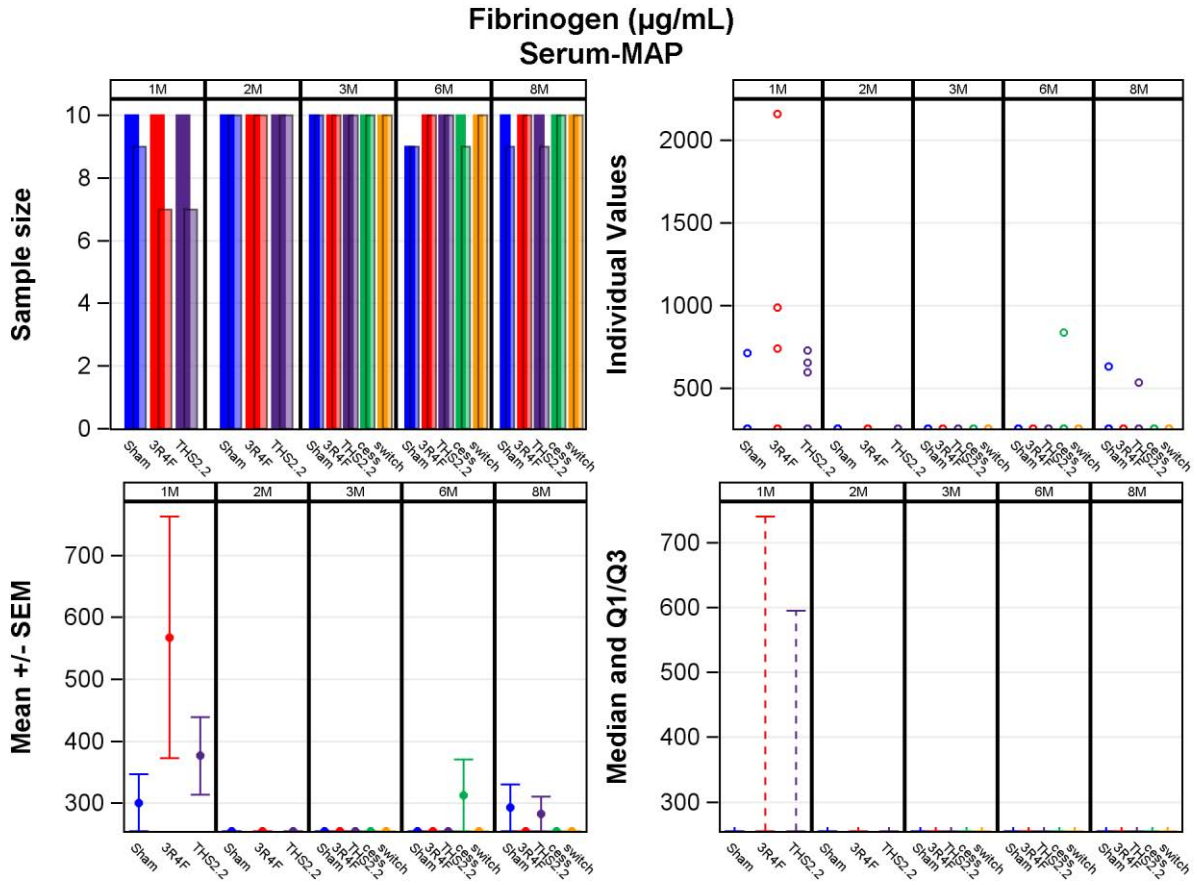
Factor VII (ng/mL)
Serum-MAP

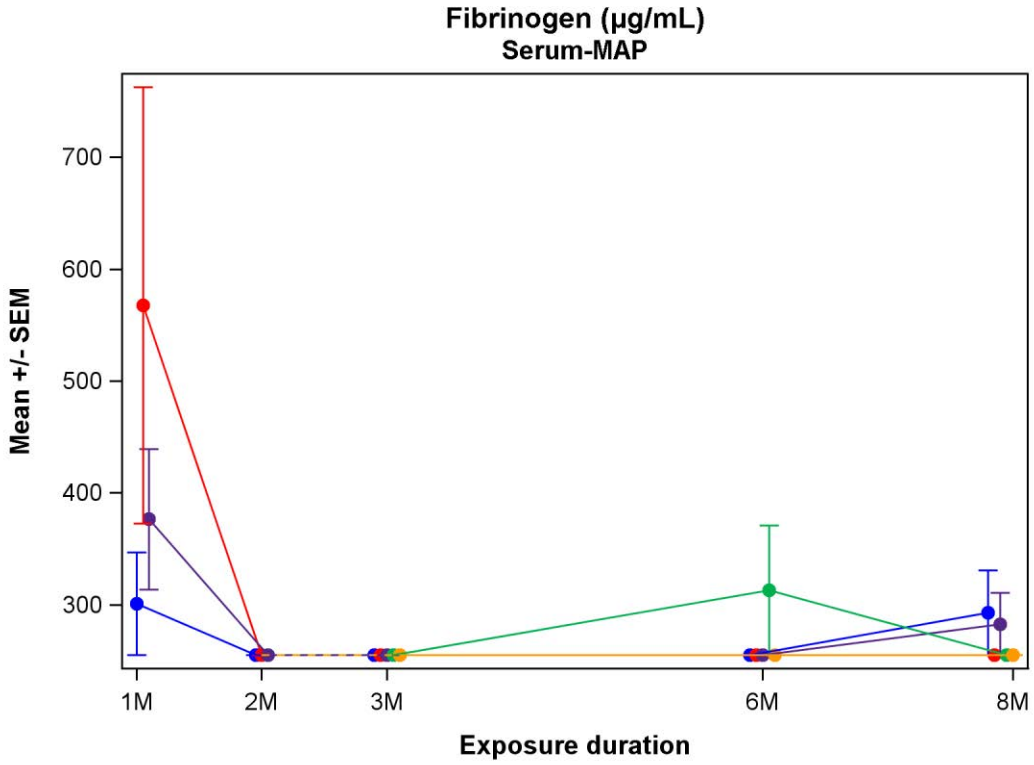
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00			
	3R4F	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00			
	3R4F	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	27.00	10	13.50	13.50	13.50	13.50	13.50	13.50	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	27.00	8	13.50	13.50	13.50	13.50	37.00	18.00	9.50	3.00	52.77			
	3R4F	10	27.00	7	13.50	13.50	13.50	30.00	59.00	21.35	14.90	4.71	69.80	(-)		
	THS2.2	10	27.00	5	13.50	13.50	20.75	43.00	43.00	25.95	13.88	4.39	53.48	(-)	(-)	
	cess	10	27.00	9	13.50	13.50	13.50	13.50	33.00	15.45	6.17	1.95	39.91	(-)	(-)	
	switch	10	27.00	7	13.50	13.50	13.50	30.00	39.00	19.35	9.73	3.08	50.30	(-)	(-)	(-)
6M	Sham	9	27.00	3	13.50	13.50	38.00	46.00	70.00	35.28	19.48	6.49	55.21			
	3R4F	10	27.00	2	13.50	34.00	38.00	45.00	73.00	39.60	17.99	5.69	45.44	-		
	THS2.2	10	27.00	3	13.50	13.50	38.00	45.00	51.00	33.25	14.40	4.55	43.32	-	-	
	cess	10	27.00	2	13.50	34.00	36.00	51.00	67.00	38.90	17.16	5.43	44.11	-	-	
	switch	10	27.00	5	13.50	13.50	21.75	38.00	48.00	26.05	13.90	4.39	53.35	(-)	-	-
8M	Sham	0	.	0	.	.	.	.	.	.	.	.	.			
	3R4F	0	.	0	.	.	.	.	.	.	.	.	.			
	THS2.2	0	.	0	.	.	.	.	.	.	.	.	.			
	cess	0	.	0	.	.	.	.	.	.	.	.	.			
	switch	0	.	0	.	.	.	.	.	.	.	.	.			

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Factor VII (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-3.35	-15.24	8.54	0.0001	0.5576	0.8632	(-)
	Sham	THS2.2	-7.95	-19.23	3.33	0.0009	0.1545	0.1426	(-)
	Sham	cess	2.55	-5.06	10.16	0.0001	0.4870	0.4687	(-)
	Sham	switch	-1.35	-10.39	7.69	0.0001	0.7572	0.8589	(-)
	3R4F	THS2.2	-4.60	-18.13	8.93	0.0023	0.4842	0.4153	(-)
	3R4F	cess	5.90	-5.21	17.01	0.0001	0.2698	0.4697	(-)
	3R4F	switch	2.00	-9.96	13.96	0.0001	0.7271	1.0000	(-)
	cess	switch	-3.90	-11.66	3.86	0.0001	0.3011	0.4620	(-)
6M	Sham	3R4F	-4.32	-22.59	13.94	0.3272	0.6233	0.7936	-
	Sham	THS2.2	2.03	-14.91	18.97	0.0659	0.8018	0.7971	-
	Sham	cess	-3.62	-21.55	14.31	0.3439	0.6743	0.6131	-
	Sham	switch	9.23	-7.55	26.01	0.0269	0.2584	0.3080	(-)
	3R4F	THS2.2	6.35	-9.02	21.72	0.1015	0.3956	0.5912	-
	3R4F	cess	0.70	-15.82	17.22	0.1789	0.9300	0.8334	-
	3R4F	switch	13.55	-1.62	28.72	0.3256	0.0768	0.1260	-
	cess	switch	12.85	-1.87	27.57	0.1515	0.0830	0.1367	-


Fibrinogen (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

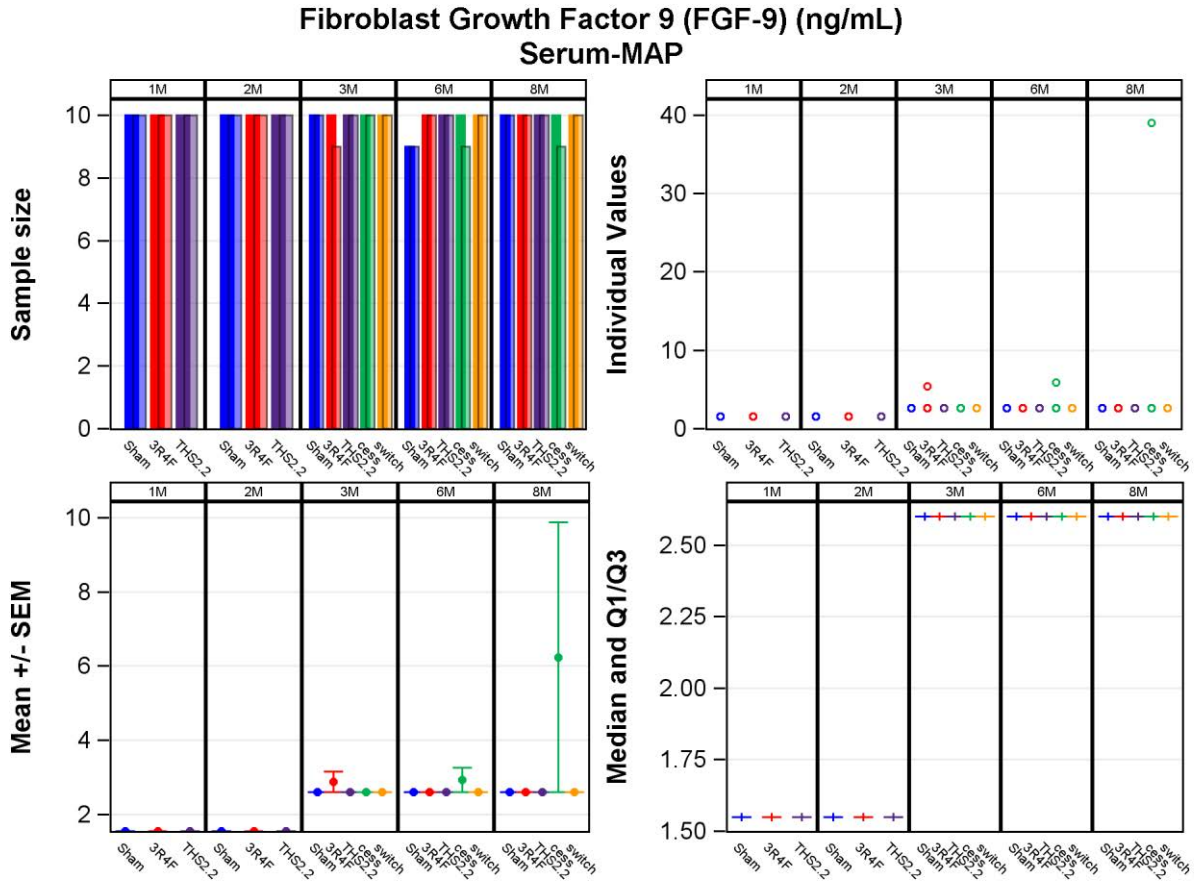

Fibrinogen (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

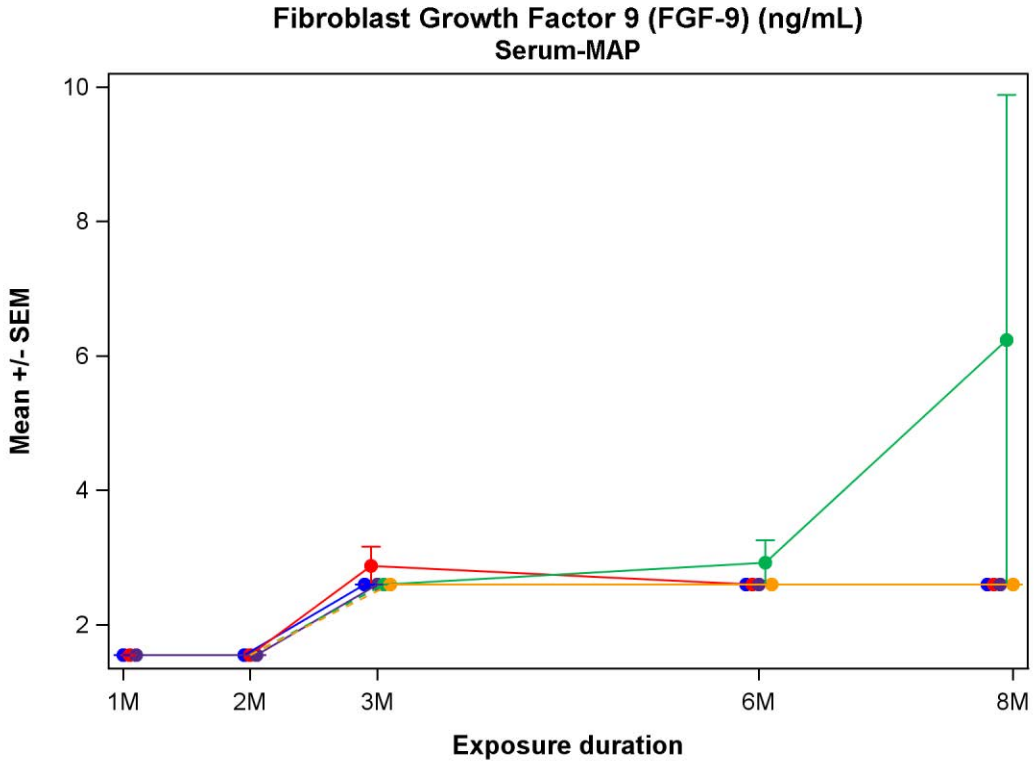
Fibrinogen (µg/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	510.00	9	255.00	255.00	255.00	255.00	713.00	300.80	144.83	45.80	48.15			
	3R4F	10	510.00	7	255.00	255.00	255.00	741.00	2160.0	567.60	617.19	195.17	108.74	(-)		
	THS2.2	10	510.00	7	255.00	255.00	255.00	595.00	730.00	376.60	198.37	62.73	52.67	(-)	(-)	
2M	Sham	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00			
	3R4F	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00			
	3R4F	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	510.00	9	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00			
	3R4F	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	510.00	9	255.00	255.00	255.00	255.00	836.00	313.10	183.73	58.10	58.68	(-)	(-)	
	switch	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	n.a.	n.a.	(-)
8M	Sham	10	510.00	9	255.00	255.00	255.00	255.00	633.00	292.80	119.53	37.80	40.82			
	3R4F	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	(-)		
	THS2.2	10	510.00	9	255.00	255.00	255.00	255.00	533.00	282.80	87.91	27.80	31.09	(-)	(-)	
	cess	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	(-)	n.a.	
	switch	10	510.00	10	255.00	255.00	255.00	255.00	255.00	255.00	0.00	0.00	0.00	(-)	n.a.	n.a.

Fibrinogen (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-266.8	-713.6	179.95	0.0001	0.2128	0.2069	(-)
	Sham	THS2.2	-75.80	-240.1	88.47	0.0001	0.3432	0.4616	(-)
	3R4F	THS2.2	191.00	-261.0	643.03	0.0001	0.3718	0.6626	(-)
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-58.10	-189.5	73.33	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-58.10	-189.5	73.33	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	58.10	-73.33	189.53	0.0001	0.3434	1.0000	(-)
8M	Sham	3R4F	37.80	-47.71	123.31	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	10.00	-89.21	109.21	0.0001	0.8338	1.0000	(-)
	Sham	cess	37.80	-47.71	123.31	0.0001	0.3434	1.0000	(-)
	Sham	switch	37.80	-47.71	123.31	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	-27.80	-90.69	35.09	0.0001	0.3434	1.0000	(-)
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.


Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
Serum-MAP

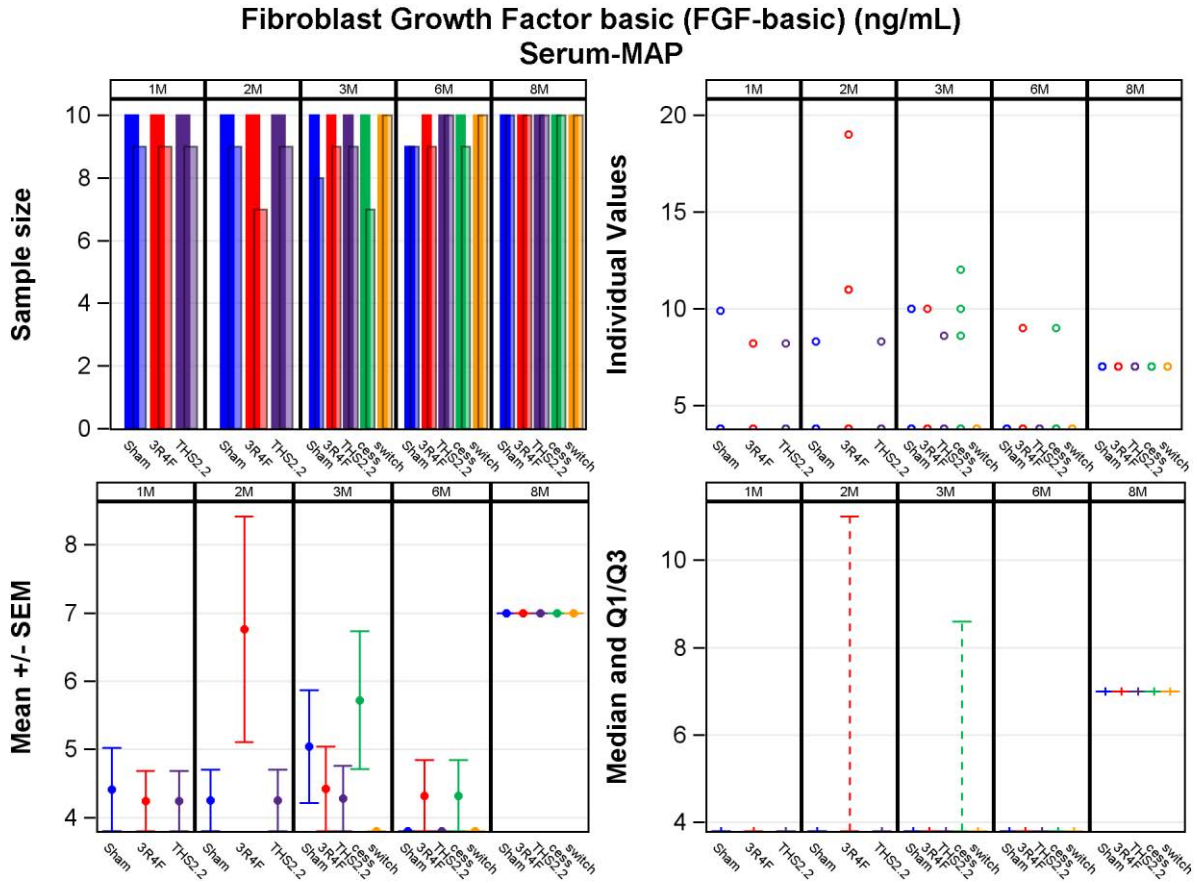
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00			
	3R4F	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00	n.a.		
	THS2.2	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00			
	3R4F	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00	n.a.		
	THS2.2	10	3.10	10	1.55	1.55	1.55	1.55	1.55	1.55	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00			
	3R4F	10	5.20	9	2.60	2.60	2.60	2.60	5.40	2.88	0.89	0.28	30.74	n.a.		
	THS2.2	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	5.20	9	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00			
	3R4F	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.		
	THS2.2	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.20	9	2.60	2.60	2.60	2.60	5.90	2.93	1.04	0.33	35.62	(-)	n.a.	
	switch	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00			
	3R4F	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.		
	THS2.2	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.20	9	2.60	2.60	2.60	2.60	39.00	6.24	11.51	3.64	184.47	n.a.	n.a.	
	switch	10	5.20	10	2.60	2.60	2.60	2.60	2.60	2.60	0.00	0.00	0.00	n.a.	n.a.	n.a.

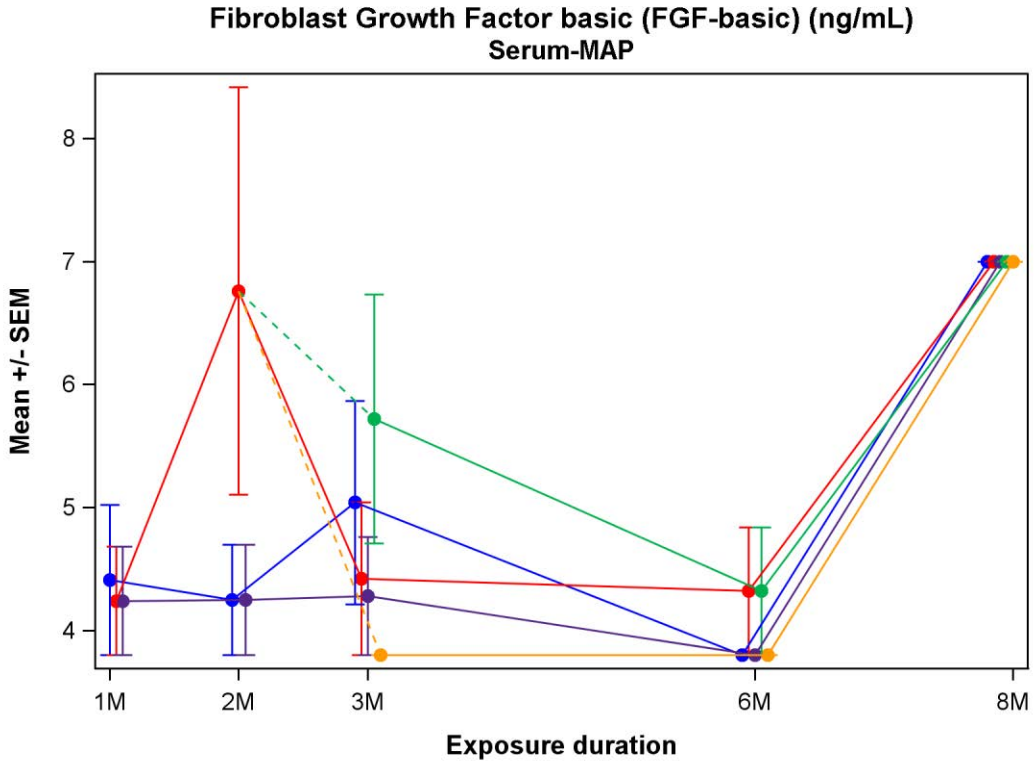
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Fibroblast Growth Factor 9 (FGF-9) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.28	-0.91	0.35	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.28	-0.35	0.91	.	0.3434	1.0000	n.a.
	3R4F	cess	0.28	-0.35	0.91	.	0.3434	1.0000	n.a.
	3R4F	switch	0.28	-0.35	0.91	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.33	-1.08	0.42	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.33	-1.08	0.42	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.33	-0.42	1.08	.	0.3434	1.0000	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-3.64	-11.87	4.59	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-3.64	-11.87	4.59	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	3.64	-4.59	11.87	.	0.3434	1.0000	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

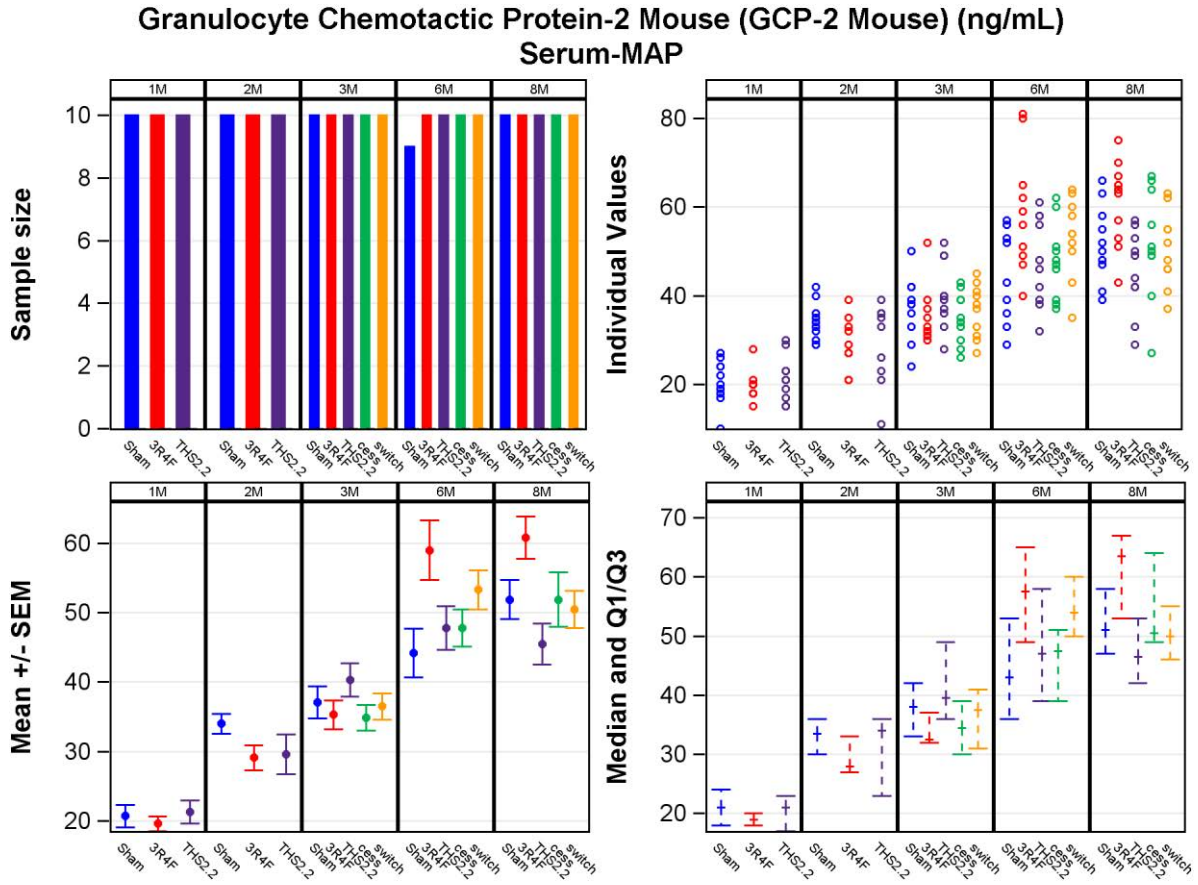
Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
Serum-MAP

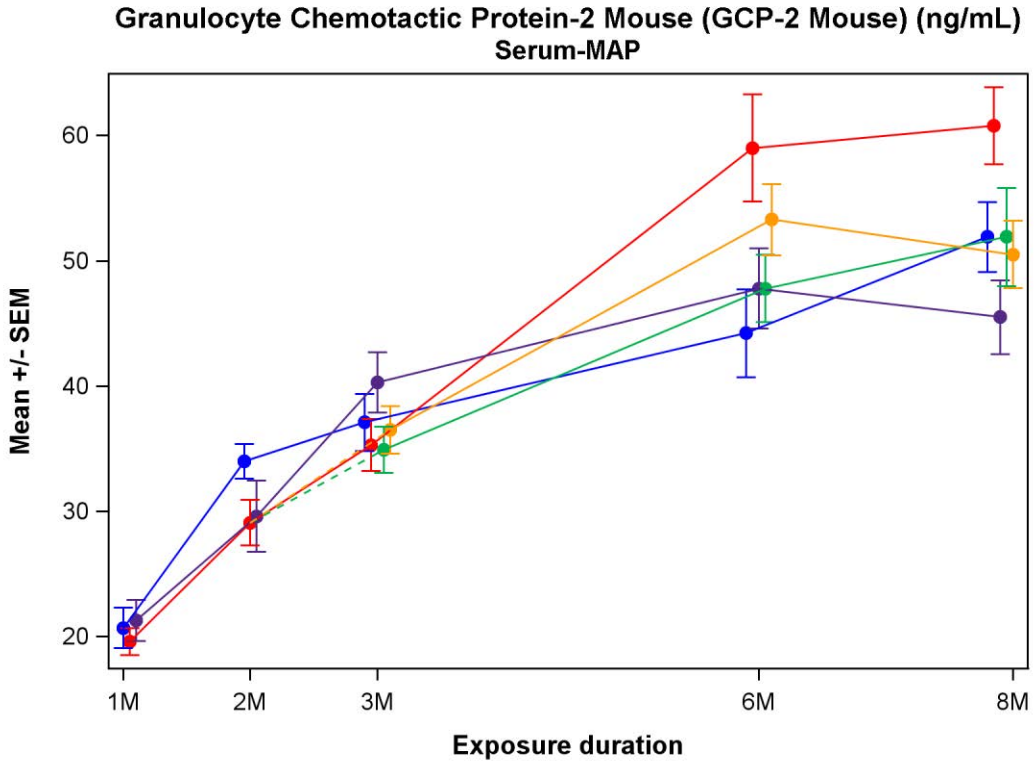
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	7.60	9	3.80	3.80	3.80	3.80	9.90	4.41	1.93	0.61	43.74			
	3R4F	10	7.60	9	3.80	3.80	3.80	3.80	8.20	4.24	1.39	0.44	32.82	(-)		
	THS2.2	10	7.60	9	3.80	3.80	3.80	3.80	8.20	4.24	1.39	0.44	32.82	(-)	(-)	
2M	Sham	10	7.60	9	3.80	3.80	3.80	3.80	8.30	4.25	1.42	0.45	33.48			
	3R4F	10	7.60	7	3.80	3.80	3.80	11.00	19.00	6.76	5.24	1.66	77.51	(-)		
	THS2.2	10	7.60	9	3.80	3.80	3.80	3.80	8.30	4.25	1.42	0.45	33.48	(-)	(-)	
3M	Sham	10	7.60	8	3.80	3.80	3.80	3.80	10.00	5.04	2.61	0.83	51.87			
	3R4F	10	7.60	9	3.80	3.80	3.80	3.80	10.00	4.42	1.96	0.62	44.36	(-)		
	THS2.2	10	7.60	9	3.80	3.80	3.80	3.80	8.60	4.28	1.52	0.48	35.46	(-)	(-)	
	cess	10	7.60	7	3.80	3.80	3.80	8.60	12.00	5.72	3.19	1.01	55.85	(-)	(-)	
	switch	10	7.60	10	3.80	3.80	3.80	3.80	3.80	3.80	0.00	0.00	0.00	(-)	(-)	(-)
6M	Sham	9	7.60	9	3.80	3.80	3.80	3.80	3.80	3.80	0.00	0.00	0.00			
	3R4F	10	7.60	9	3.80	3.80	3.80	3.80	9.00	4.32	1.64	0.52	38.06	n.a.		
	THS2.2	10	7.60	10	3.80	3.80	3.80	3.80	3.80	3.80	0.00	0.00	0.00	n.a.	(-)	
	cess	10	7.60	9	3.80	3.80	3.80	3.80	9.00	4.32	1.64	0.52	38.06	n.a.	(-)	
	switch	10	7.60	10	3.80	3.80	3.80	3.80	3.80	3.80	0.00	0.00	0.00	n.a.	(-)	(-)
8M	Sham	10	14.00	10	7.00	7.00	7.00	7.00	7.00	7.00	0.00	0.00	0.00			
	3R4F	10	14.00	10	7.00	7.00	7.00	7.00	7.00	7.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	14.00	10	7.00	7.00	7.00	7.00	7.00	7.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	14.00	10	7.00	7.00	7.00	7.00	7.00	7.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	14.00	10	7.00	7.00	7.00	7.00	7.00	7.00	0.00	0.00	0.00	n.a.	n.a.	n.a.

Fibroblast Growth Factor basic (FGF-basic) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.17	-1.42	1.76	0.0001	0.8240	1.0000	(-)
	Sham	THS2.2	0.17	-1.42	1.76	0.0001	0.8240	1.0000	(-)
	3R4F	THS2.2	0.00	-1.31	1.31	0.0001	1.0000	1.0000	(-)
2M	Sham	3R4F	-2.51	-6.32	1.30	0.0001	0.1736	0.2139	(-)
	Sham	THS2.2	0.00	-1.34	1.34	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	2.51	-1.30	6.32	0.0001	0.1736	0.2028	(-)
3M	Sham	3R4F	0.62	-1.56	2.80	0.0001	0.5566	1.0000	(-)
	Sham	THS2.2	0.76	-1.28	2.80	0.0001	0.4395	0.4746	(-)
	Sham	cess	-0.68	-3.43	2.07	0.0001	0.6090	0.7915	(-)
	Sham	switch	1.24	-0.63	3.11	0.0001	0.1679	0.4723	(-)
	3R4F	THS2.2	0.14	-1.51	1.79	0.0001	0.8604	1.0000	(-)
	3R4F	cess	-1.30	-3.83	1.23	0.0001	0.2901	0.4591	(-)
	3R4F	switch	0.62	-0.78	2.02	0.0001	0.3434	1.0000	(-)
	cess	switch	1.92	-0.37	4.21	0.0002	0.0898	0.2072	(-)
6M	Sham	3R4F	-0.52	-1.70	0.66	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.52	-1.70	0.66	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.52	-0.66	1.70	0.0001	0.3434	1.0000	(-)
	3R4F	cess	0.00	-1.54	1.54	0.0001	1.0000	1.0000	(-)
	3R4F	switch	0.52	-0.66	1.70	0.0001	0.3434	1.0000	(-)
	cess	switch	0.52	-0.66	1.70	0.0001	0.3434	1.0000	(-)
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

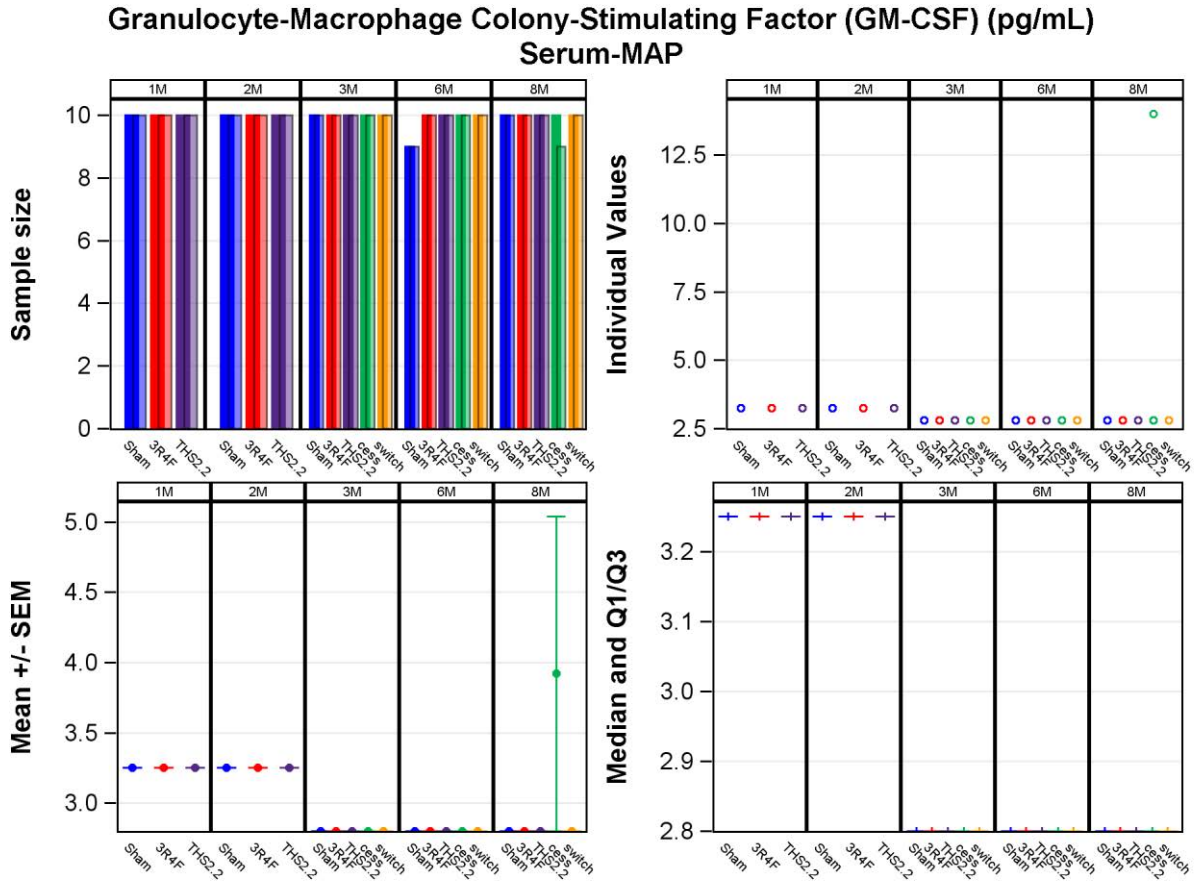
Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
Serum-MAP

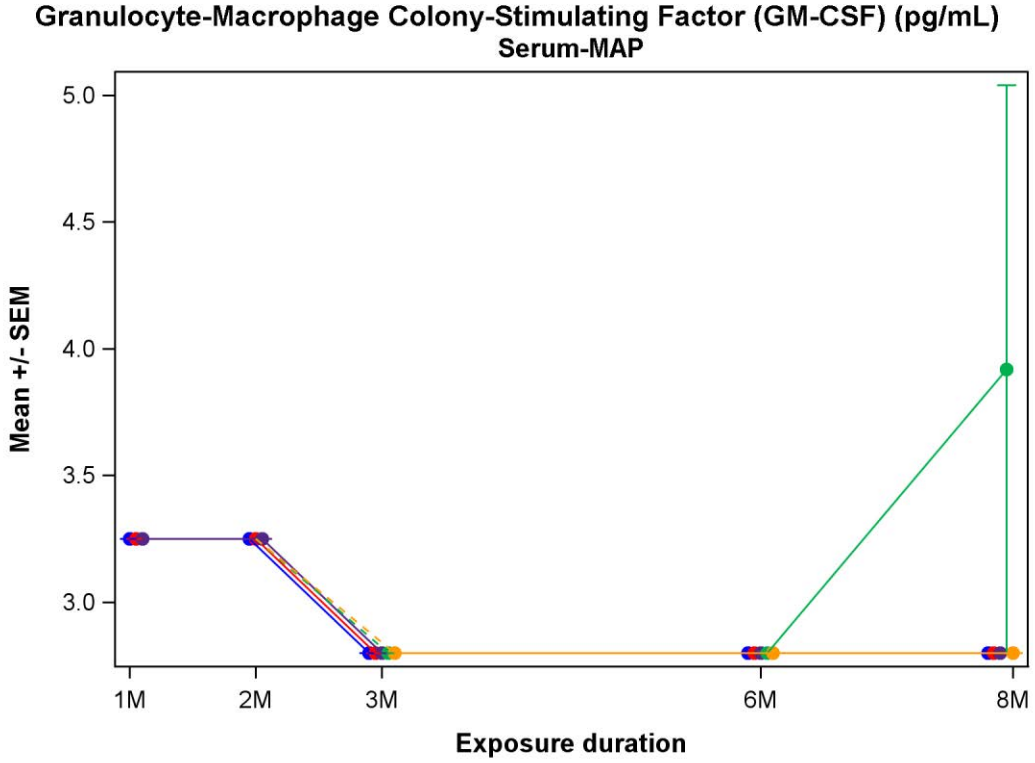
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.49	0	10.00	18.00	21.00	24.00	27.00	20.70	5.06	1.60	24.43			
	3R4F	10	0.49	0	15.00	18.00	19.00	20.00	28.00	19.60	3.41	1.08	17.38	-		
	THS2.2	10	0.49	0	15.00	17.00	21.00	23.00	30.00	21.30	5.21	1.65	24.45	-	-	
2M	Sham	10	0.49	0	29.00	30.00	33.50	36.00	42.00	34.00	4.42	1.40	13.01			
	3R4F	10	0.49	0	21.00	27.00	28.00	33.00	39.00	29.10	5.78	1.83	19.87	*		
	THS2.2	10	0.49	0	11.00	23.00	34.00	36.00	39.00	29.60	9.00	2.84	30.39	-	-	
3M	Sham	10	0.21	0	24.00	33.00	38.00	42.00	50.00	37.10	7.26	2.30	19.58			
	3R4F	10	0.21	0	30.00	32.00	32.50	37.00	52.00	35.30	6.50	2.06	18.41	-		
	THS2.2	10	0.21	0	28.00	36.00	39.50	49.00	52.00	40.30	7.63	2.41	18.94	-	-	
	cess	10	0.21	0	26.00	30.00	34.50	39.00	43.00	34.90	5.82	1.84	16.68	-	-	
	switch	10	0.21	0	27.00	31.00	37.50	41.00	45.00	36.50	6.00	1.90	16.45	-	-	-
6M	Sham	9	0.21	0	29.00	36.00	43.00	53.00	57.00	44.22	10.57	3.52	23.90			
	3R4F	10	0.21	0	40.00	49.00	57.50	65.00	81.00	59.00	13.53	4.28	22.94	*		
	THS2.2	10	0.21	0	32.00	39.00	47.00	58.00	61.00	47.80	10.05	3.18	21.03	-	-	
	cess	10	0.21	0	37.00	39.00	47.50	51.00	62.00	47.80	8.56	2.71	17.91	-	*	
	switch	10	0.21	0	35.00	50.00	54.00	60.00	64.00	53.30	9.01	2.85	16.90	-	-	-
8M	Sham	10	0.21	0	39.00	47.00	51.00	58.00	66.00	51.90	8.80	2.78	16.95			
	3R4F	10	0.21	0	43.00	53.00	63.50	67.00	75.00	60.80	9.69	3.07	15.94	*		
	THS2.2	10	0.21	0	29.00	42.00	46.50	53.00	57.00	45.50	9.35	2.96	20.55	-	**	
	cess	10	0.21	0	27.00	49.00	50.50	64.00	67.00	51.90	12.35	3.91	23.80	-	-	
	switch	10	0.21	0	37.00	46.00	50.00	55.00	63.00	50.50	8.50	2.69	16.83	-	*	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	1.10	-2.99	5.19	0.5016	0.5763	0.4491	-
	Sham	THS2.2	-0.60	-5.42	4.22	0.9778	0.7968	0.9530	-
	3R4F	THS2.2	-1.70	-5.88	2.48	0.0600	0.4008	0.3709	-
2M	Sham	3R4F	4.90	0.04	9.76	0.4158	0.0483	0.0423	*
	Sham	THS2.2	4.40	-2.44	11.24	0.9386	0.1883	0.5391	-
	3R4F	THS2.2	-0.50	-7.69	6.69	0.4883	0.8844	0.5992	-
3M	Sham	3R4F	1.80	-4.68	8.28	0.1773	0.5666	0.3033	-
	Sham	THS2.2	-3.20	-10.20	3.80	0.9139	0.3496	0.4974	-
	Sham	cess	2.20	-4.01	8.41	0.9257	0.4649	0.5826	-
	Sham	switch	0.60	-5.68	6.88	0.8720	0.8428	0.9271	-
	3R4F	THS2.2	-5.00	-11.67	1.67	0.0666	0.1325	0.0675	-
	3R4F	cess	0.40	-5.40	6.20	0.2644	0.8863	0.8120	-
	3R4F	switch	-1.20	-7.08	4.68	0.3401	0.6731	0.5182	-
	cess	switch	-1.60	-7.16	3.96	0.3047	0.5527	0.5981	-
6M	Sham	3R4F	-14.78	-26.49	-3.07	0.4169	0.0165	0.0301	*
	Sham	THS2.2	-3.58	-13.61	6.45	0.0781	0.4614	0.3924	-
	Sham	cess	-3.58	-13.02	5.87	0.4052	0.4329	0.5639	-
	Sham	switch	-9.08	-18.69	0.53	0.2600	0.0625	0.0797	-
	3R4F	THS2.2	11.20	-0.07	22.47	0.4541	0.0512	0.0507	-
	3R4F	cess	11.20	0.42	21.98	0.1252	0.0427	0.0459	*
	3R4F	switch	5.70	-5.22	16.62	0.9813	0.2842	0.5171	-
	cess	switch	-5.50	-13.76	2.76	0.8041	0.1787	0.1417	-
8M	Sham	3R4F	-8.90	-17.60	-0.20	0.9270	0.0455	0.0445	*
	Sham	THS2.2	6.40	-2.13	14.93	0.6462	0.1324	0.2658	-
	Sham	cess	0.00	-10.15	10.15	0.7670	1.0000	0.7862	-
	Sham	switch	1.40	-6.73	9.53	0.5029	0.7217	0.6710	-
	3R4F	THS2.2	15.30	6.35	24.25	0.4099	0.0021	0.0022	**
	3R4F	cess	8.90	-1.57	19.37	0.5135	0.0908	0.0945	-
	3R4F	switch	10.30	1.72	18.88	0.6278	0.0213	0.0199	*
	cess	switch	1.40	-8.65	11.45	0.6861	0.7716	0.5104	-


Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

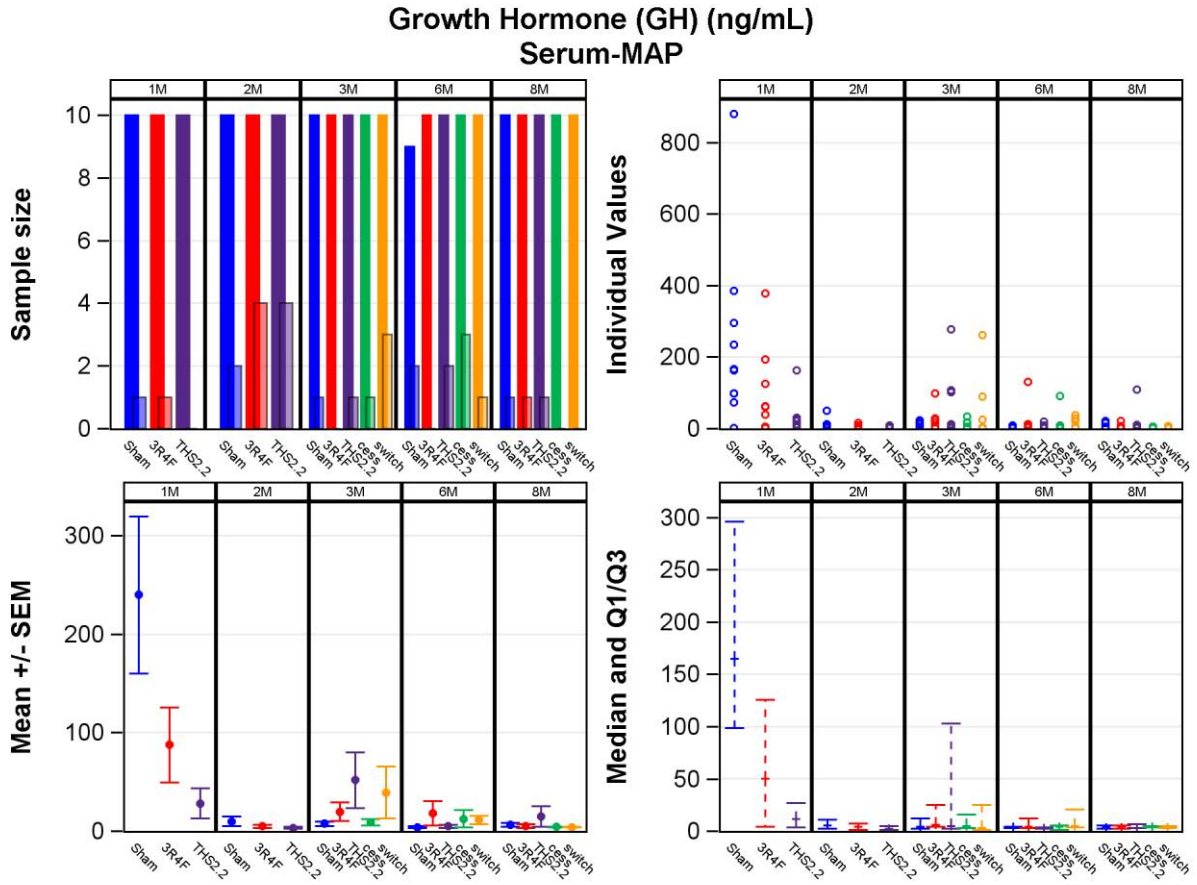

Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

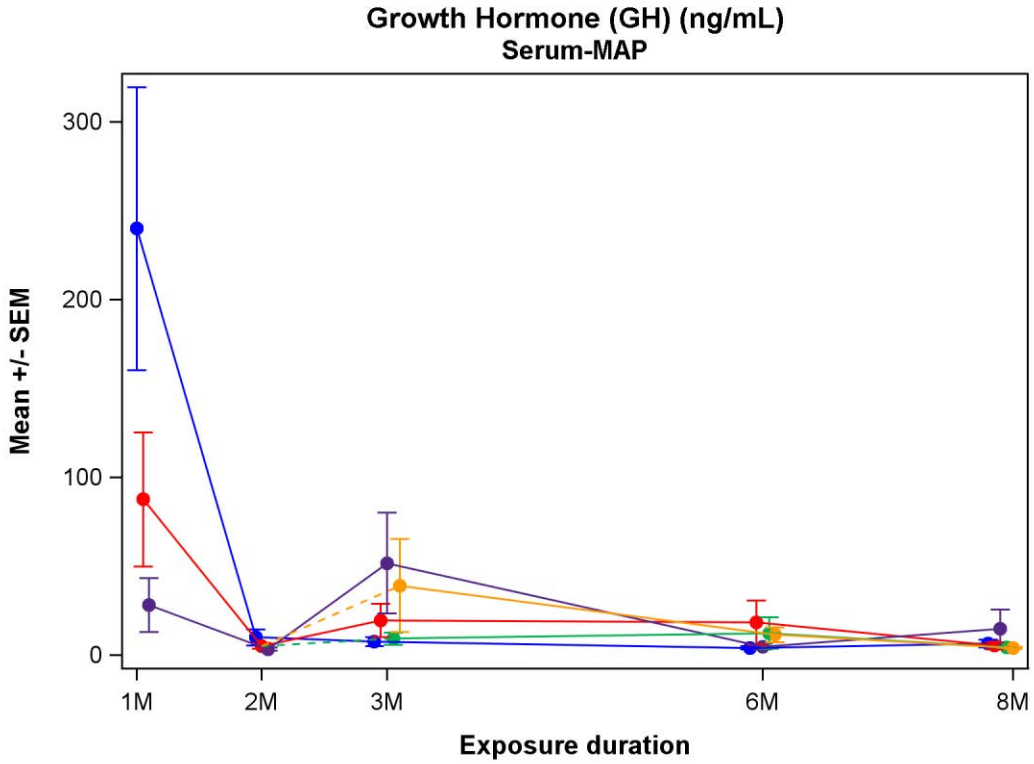
Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00			
	3R4F	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00			
	3R4F	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00			
	3R4F	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.		
	THS2.2	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	5.60	9	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00			
	3R4F	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.		
	THS2.2	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00			
	3R4F	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.		
	THS2.2	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	5.60	9	2.80	2.80	2.80	2.80	14.00	3.92	3.54	1.12	90.35	n.a.	n.a.	
	switch	10	5.60	10	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	0.00	n.a.	n.a.	n.a.

Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-1.12	-3.65	1.41	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-1.12	-3.65	1.41	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	1.12	-1.41	3.65	.	0.3434	1.0000	n.a.


Growth Hormone (GH) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Growth Hormone (GH) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

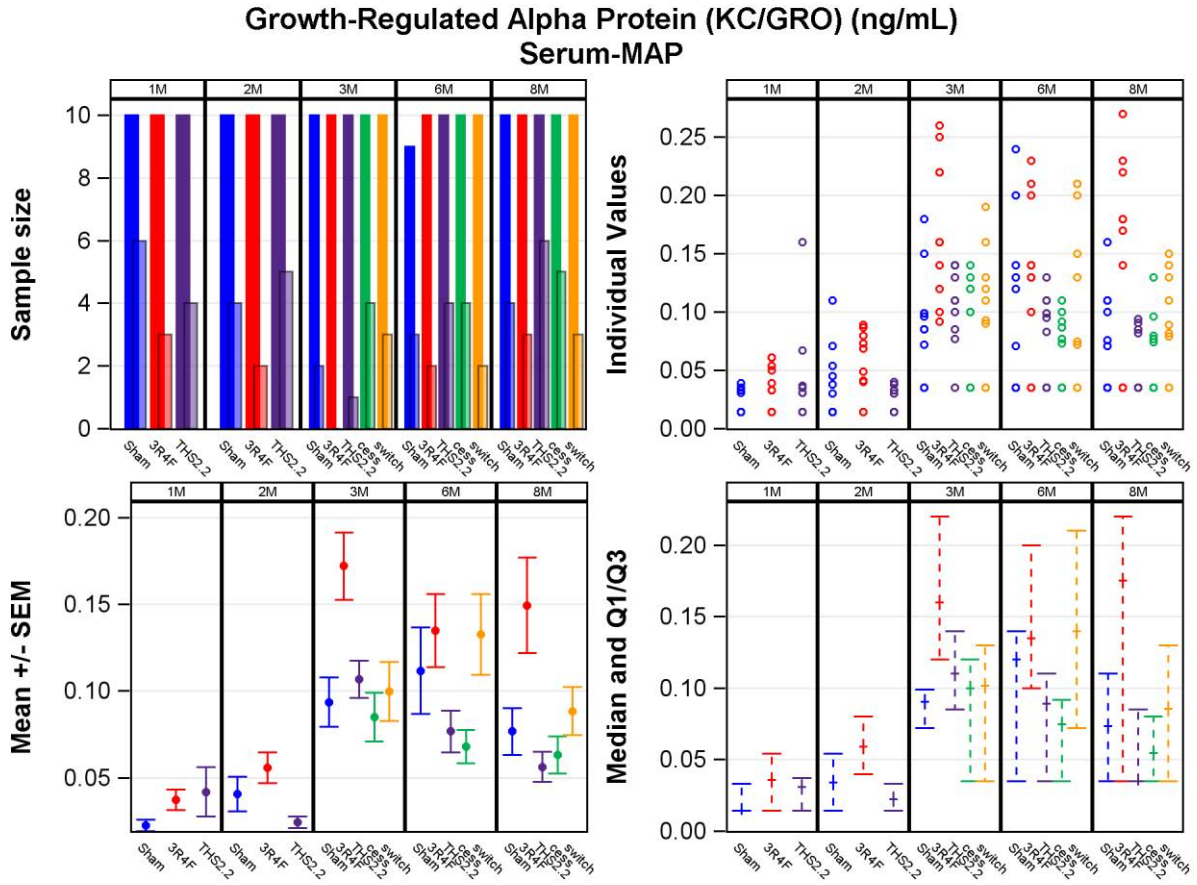
Growth Hormone (GH) (ng/mL)
Serum-MAP

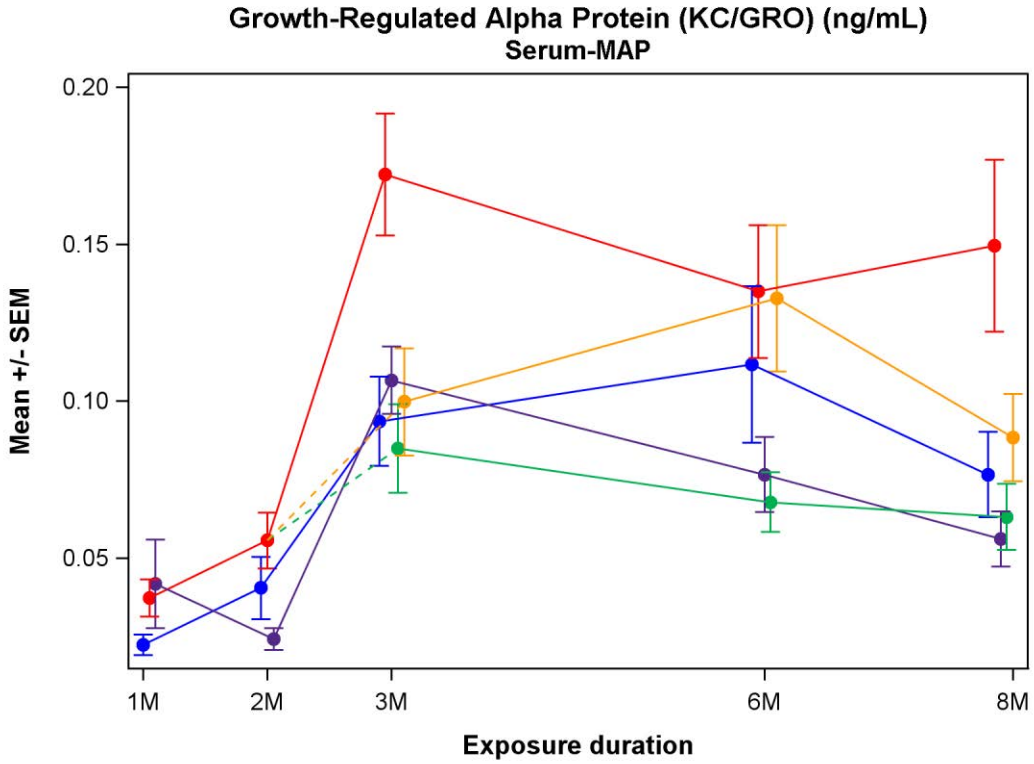
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	1.90	1	0.95	99.00	165.00	296.00	880.00	239.80	251.69	79.59	104.96			
	3R4F	10	1.90	1	0.95	4.60	50.00	126.00	378.00	87.56	119.73	37.86	136.75	(-)		
	THS2.2	10	1.90	0	2.80	3.60	11.50	27.00	163.00	28.20	48.45	15.32	171.82	++	(-)	
2M	Sham	10	1.90	2	0.95	2.40	5.40	11.00	50.00	10.02	14.60	4.62	145.75			
	3R4F	10	1.90	4	0.95	0.95	4.15	7.20	17.00	5.12	5.12	1.62	99.91	(-)		
	THS2.2	10	1.90	4	0.95	0.95	2.60	4.80	8.40	3.38	2.76	0.87	81.57	(-)	(-)	
3M	Sham	10	1.90	1	0.95	2.50	4.15	12.00	24.00	7.59	7.80	2.47	102.84			
	3R4F	10	1.90	0	2.20	4.40	5.95	25.00	99.00	19.66	29.53	9.34	150.21	(-)		
	THS2.2	10	1.90	1	0.95	2.50	4.65	103.00	278.00	51.82	89.90	28.43	173.50	(-)	(-)	
	cess	10	1.90	1	0.95	2.90	4.75	16.00	34.00	9.26	10.44	3.30	112.76	(-)	(-)	
	switch	10	1.90	3	0.95	0.95	3.35	25.00	262.00	39.19	82.92	26.22	211.61	(-)	(-)	(-)
6M	Sham	9	1.90	2	0.95	3.10	4.00	4.60	9.00	4.19	2.63	0.88	62.85			
	3R4F	10	1.90	0	2.70	2.90	4.35	12.00	131.00	18.28	39.77	12.58	217.56	(-)		
	THS2.2	10	1.90	2	0.95	2.40	3.30	3.70	19.00	4.90	5.51	1.74	112.49	(-)	(-)	
	cess	10	1.90	3	0.95	0.95	4.35	5.30	91.00	12.46	27.71	8.76	222.47	(-)	(-)	
	switch	10	1.90	1	0.95	3.40	4.95	21.00	38.00	11.51	13.00	4.11	113.00	(-)	(-)	(-)
8M	Sham	10	1.90	1	0.95	2.50	3.55	5.60	21.00	6.46	6.83	2.16	105.83			
	3R4F	10	1.90	1	0.95	2.20	3.50	5.60	22.00	5.35	6.07	1.92	113.65	(-)		
	THS2.2	10	1.90	1	0.95	2.80	3.30	6.80	110.00	14.91	33.52	10.60	224.87	(-)	(-)	
	cess	10	1.90	0	1.90	3.80	4.50	5.20	6.00	4.37	1.32	0.42	30.28	-	-	
	switch	10	1.90	0	2.20	2.80	3.70	5.20	7.40	4.19	1.79	0.57	42.73	(-)	(-)	-

Growth Hormone (GH) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	152.24	-38.36	342.84	0.0003	0.1080	0.0525	(-)
	Sham	THS2.2	211.60	30.15	393.04	0.0001	0.0267	0.0043	++
	3R4F	THS2.2	59.36	-29.74	148.45	0.0001	0.1721	0.2856	(-)
2M	Sham	3R4F	4.90	-5.85	15.65	0.0002	0.3378	0.4595	(-)
	Sham	THS2.2	6.64	-3.89	17.17	0.0015	0.1892	0.2035	(-)
	3R4F	THS2.2	1.74	-2.21	5.69	0.0056	0.3599	0.6047	(-)
3M	Sham	3R4F	-12.08	-33.52	9.37	0.0001	0.2390	0.1790	(-)
	Sham	THS2.2	-44.23	-108.6	20.17	0.0001	0.1550	0.7855	(-)
	Sham	cess	-1.67	-10.38	7.04	0.0002	0.6904	0.6919	(-)
	Sham	switch	-31.60	-91.02	27.82	0.0001	0.2603	0.7201	(-)
	3R4F	THS2.2	-32.16	-98.07	33.76	0.0001	0.3057	0.8108	(-)
	3R4F	cess	10.41	-11.34	32.15	0.0001	0.3156	0.3188	(-)
	3R4F	switch	-19.53	-80.63	41.58	0.0001	0.4973	0.1956	(-)
	cess	switch	-29.93	-89.44	29.58	0.0001	0.2858	0.5033	(-)
6M	Sham	3R4F	-14.09	-42.57	14.39	0.0003	0.2924	0.4409	(-)
	Sham	THS2.2	-0.71	-4.92	3.50	0.0082	0.7213	0.5028	(-)
	Sham	cess	-8.27	-28.13	11.59	0.0004	0.3719	0.9077	(-)
	Sham	switch	-7.32	-16.71	2.07	0.0269	0.1130	0.2666	(-)
	3R4F	THS2.2	13.38	-15.18	41.94	0.0001	0.3184	0.1297	(-)
	3R4F	cess	5.82	-26.66	38.31	0.0001	0.7089	0.4978	(-)
	3R4F	switch	6.78	-22.38	35.93	0.0001	0.6188	0.6960	(-)
	cess	switch	0.95	-20.00	21.90	0.0001	0.9233	0.4209	(-)
8M	Sham	3R4F	1.11	-4.97	7.19	0.0001	0.7056	0.9243	(-)
	Sham	THS2.2	-8.45	-32.64	15.74	0.0001	0.4532	0.6455	(-)
	Sham	cess	2.09	-2.84	7.01	0.7382	0.3664	0.7522	-
	Sham	switch	2.27	-2.70	7.23	0.0040	0.3339	0.9858	(-)
	3R4F	THS2.2	-9.56	-33.70	14.58	0.0001	0.3965	0.5934	(-)
	3R4F	cess	0.98	-3.41	5.36	0.1296	0.6308	0.4949	-
	3R4F	switch	1.16	-3.28	5.59	0.0022	0.5762	0.6441	(-)
	cess	switch	0.18	-1.31	1.67	0.9704	0.8014	0.5225	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
Serum-MAP
Mean +/- SEM
0.20
0.15
0.10
0.05
1M
2M
3M
6M
8M
Exposure duration

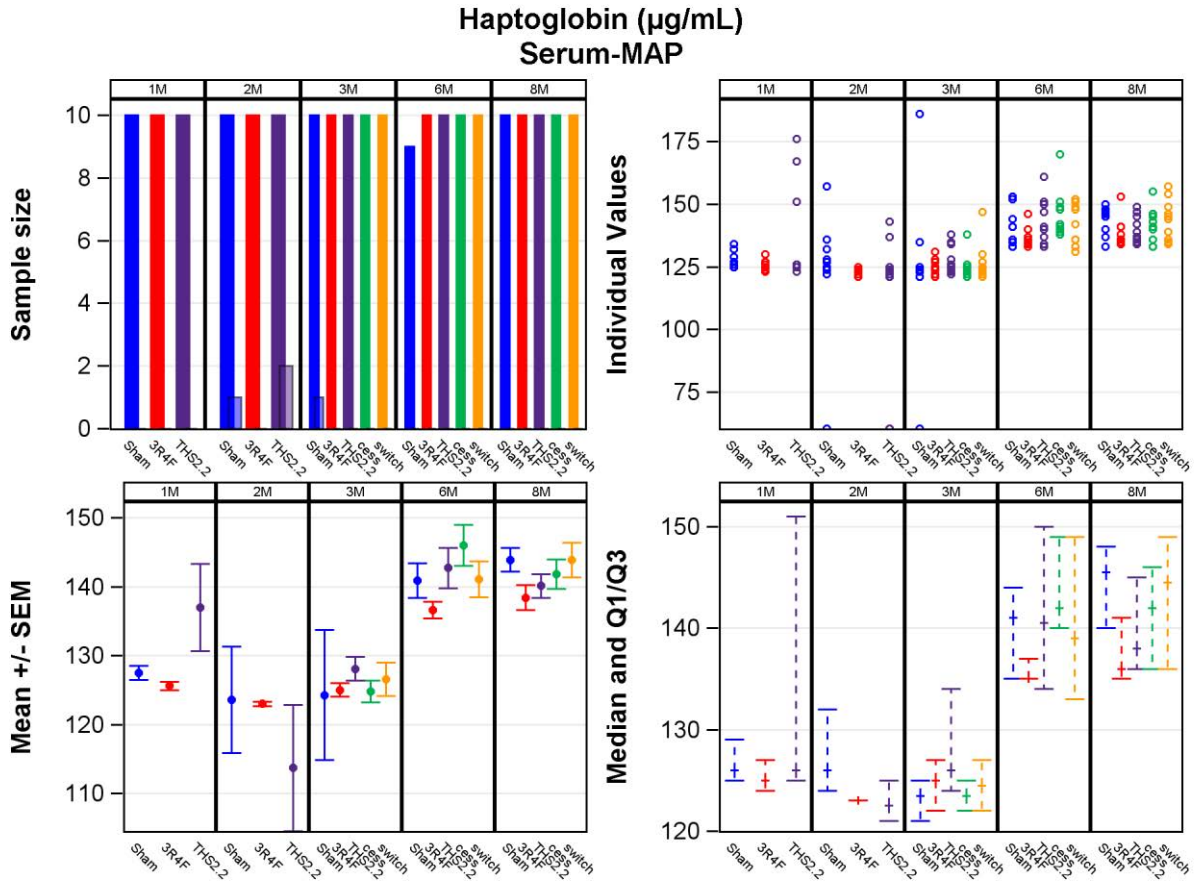
Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
Serum-MAP

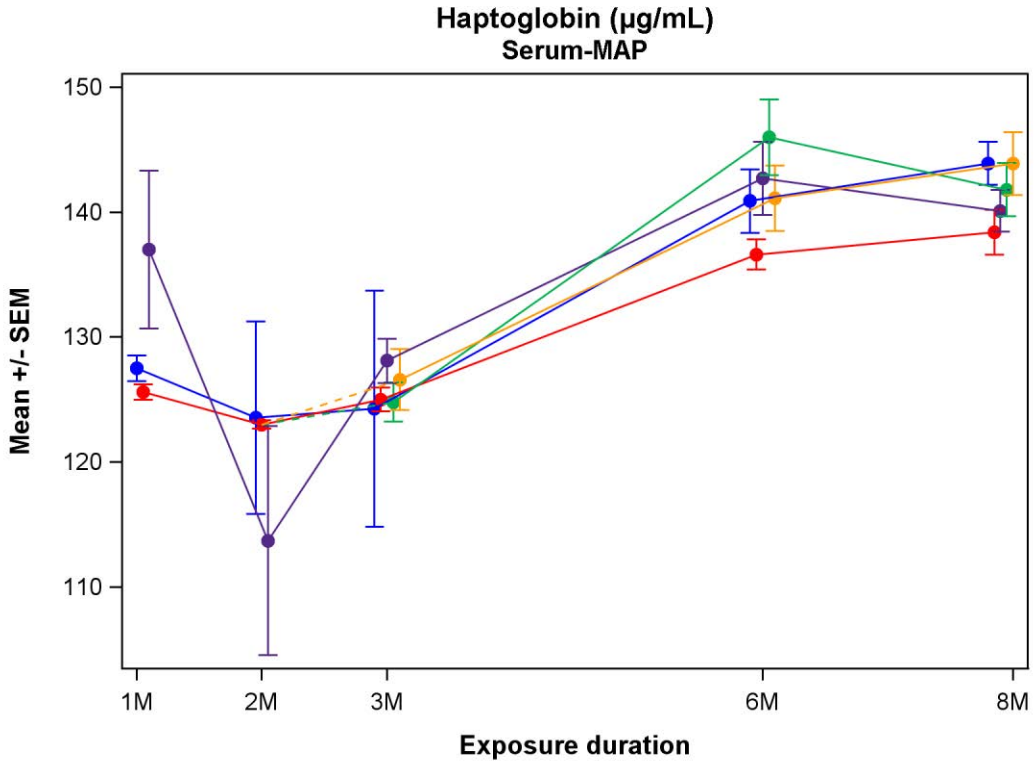
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.03	6	0.01	0.01	0.01	0.03	0.04	0.02	0.01	0.00	46.73			
	3R4F	10	0.03	3	0.01	0.01	0.04	0.05	0.06	0.04	0.02	0.01	50.06	(-)		
	THS2.2	10	0.03	4	0.01	0.01	0.03	0.04	0.16	0.04	0.04	0.01	106.41	(-)	-	
2M	Sham	10	0.03	4	0.01	0.01	0.03	0.05	0.11	0.04	0.03	0.01	76.95			
	3R4F	10	0.03	2	0.01	0.04	0.06	0.08	0.09	0.06	0.03	0.01	50.27	-		
	THS2.2	10	0.03	5	0.01	0.01	0.02	0.03	0.04	0.02	0.01	0.00	44.46	(-)	++	
3M	Sham	10	0.07	2	0.04	0.07	0.09	0.10	0.18	0.09	0.04	0.01	48.03			
	3R4F	10	0.07	0	0.09	0.12	0.16	0.22	0.26	0.17	0.06	0.02	35.71	**		
	THS2.2	10	0.07	1	0.04	0.09	0.11	0.14	0.14	0.11	0.03	0.01	31.90	-	*	
	cess	10	0.07	4	0.04	0.04	0.10	0.12	0.14	0.09	0.04	0.01	52.54	-	++	
	switch	10	0.07	3	0.04	0.04	0.10	0.13	0.19	0.10	0.05	0.02	53.78	-	*	(-)
6M	Sham	9	0.07	3	0.04	0.04	0.12	0.14	0.24	0.11	0.07	0.02	66.92			
	3R4F	10	0.07	2	0.04	0.10	0.14	0.20	0.23	0.14	0.07	0.02	49.51	-		
	THS2.2	10	0.07	4	0.04	0.04	0.09	0.11	0.13	0.08	0.04	0.01	49.33	(-)	*	
	cess	10	0.07	4	0.04	0.04	0.08	0.09	0.11	0.07	0.03	0.01	44.42	(-)	*	
	switch	10	0.07	2	0.04	0.07	0.14	0.21	0.21	0.13	0.07	0.02	55.53	-	-	(-)
8M	Sham	10	0.07	4	0.04	0.04	0.07	0.11	0.16	0.08	0.04	0.01	56.14			
	3R4F	10	0.07	3	0.04	0.04	0.18	0.22	0.27	0.15	0.09	0.03	58.00	*		
	THS2.2	10	0.07	6	0.04	0.04	0.04	0.09	0.09	0.06	0.03	0.01	49.02	(-)	+	
	cess	10	0.07	5	0.04	0.04	0.05	0.08	0.13	0.06	0.03	0.01	53.02	(-)	*	
	switch	10	0.07	3	0.04	0.04	0.09	0.13	0.15	0.09	0.04	0.01	49.60	-	(-)	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Growth-Regulated Alpha Protein (KC/GRO) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.01	-0.03	-0.00	0.0159	0.0449	0.0608	(-)
	Sham	THS2.2	-0.02	-0.05	0.01	0.0007	0.2101	0.3229	(-)
	3R4F	THS2.2	-0.00	-0.04	0.03	0.0507	0.7760	0.5573	-
2M	Sham	3R4F	-0.02	-0.04	0.01	0.5452	0.2701	0.2079	-
	Sham	THS2.2	0.02	-0.01	0.04	0.0072	0.1481	0.2622	(-)
	3R4F	THS2.2	0.03	0.01	0.05	0.0484	0.0066	0.0060	++
3M	Sham	3R4F	-0.08	-0.13	-0.03	0.2267	0.0047	0.0046	**
	Sham	THS2.2	-0.01	-0.05	0.02	0.8907	0.4727	0.3057	-
	Sham	cess	0.01	-0.03	0.05	0.1971	0.6729	0.8953	-
	Sham	switch	-0.01	-0.05	0.04	0.1515	0.7827	0.6677	-
	3R4F	THS2.2	0.07	0.02	0.11	0.4317	0.0106	0.0168	*
	3R4F	cess	0.09	0.04	0.14	0.0195	0.0022	0.0044	++
	3R4F	switch	0.07	0.02	0.13	0.1585	0.0119	0.0204	*
	cess	switch	-0.01	-0.06	0.03	0.0246	0.5114	0.6915	(-)
6M	Sham	3R4F	-0.02	-0.09	0.05	0.4536	0.4875	0.4571	-
	Sham	THS2.2	0.04	-0.03	0.10	0.0255	0.2296	0.2827	(-)
	Sham	cess	0.04	-0.02	0.10	0.0242	0.1304	0.2303	(-)
	Sham	switch	-0.02	-0.09	0.05	0.1164	0.5481	0.4341	-
	3R4F	THS2.2	0.06	0.01	0.11	0.1191	0.0306	0.0215	*
	3R4F	cess	0.07	0.02	0.12	0.1260	0.0130	0.0113	*
	3R4F	switch	0.00	-0.06	0.07	0.0696	0.9425	1.0000	-
	cess	switch	-0.06	-0.12	-0.01	0.0123	0.0245	0.0831	(-)
8M	Sham	3R4F	-0.07	-0.14	-0.01	0.1688	0.0332	0.0580	*
	Sham	THS2.2	0.02	-0.01	0.05	0.0045	0.2237	0.2789	(-)
	Sham	cess	0.01	-0.02	0.05	0.0073	0.4447	0.5443	(-)
	Sham	switch	-0.01	-0.05	0.03	0.1336	0.5515	0.5124	-
	3R4F	THS2.2	0.09	0.03	0.16	0.0234	0.0080	0.0208	+
	3R4F	cess	0.09	0.02	0.15	0.1463	0.0128	0.0291	*
	3R4F	switch	0.06	-0.01	0.13	0.0323	0.0681	0.0757	(-)
	cess	switch	-0.03	-0.06	0.01	0.1353	0.1657	0.1505	-


Haptoglobin (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Haptoglobin (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Haptoglobin (µg/mL)
Serum-MAP

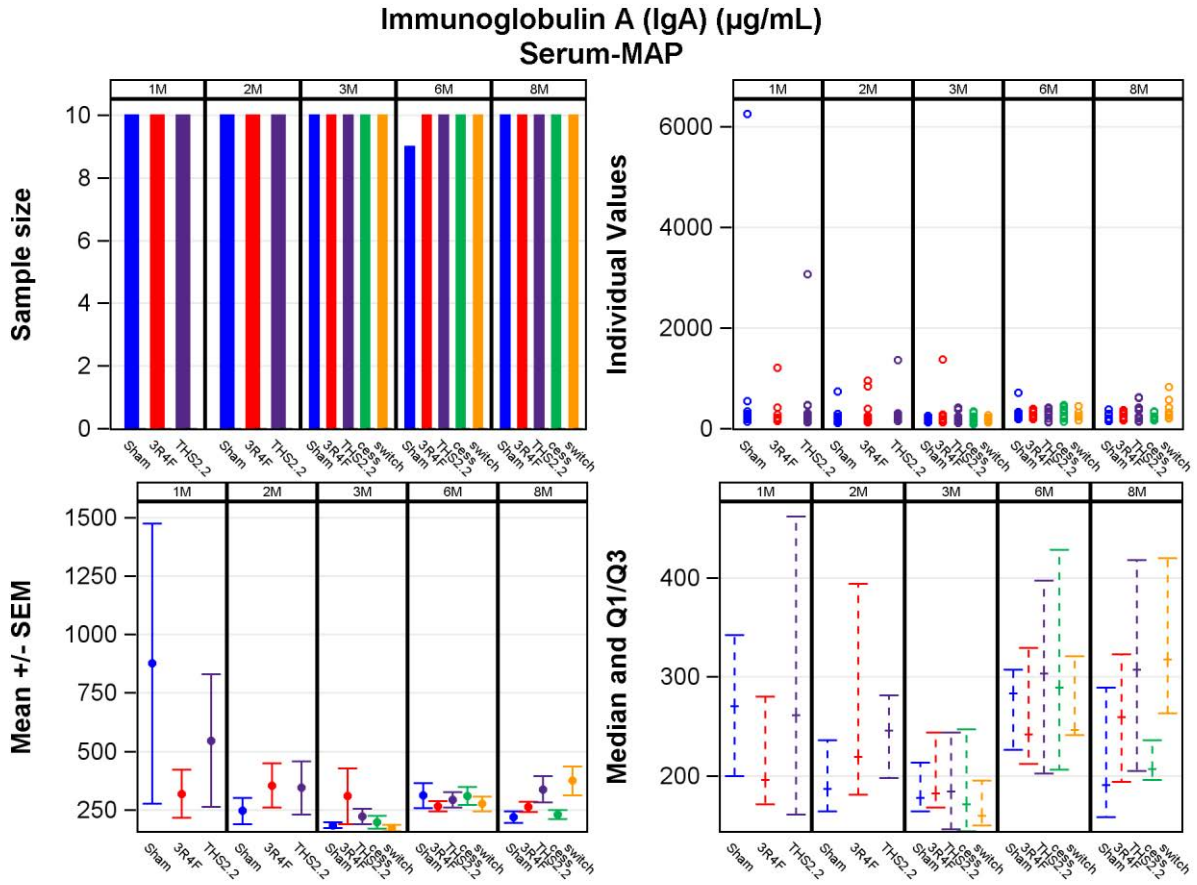
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	121.00	0	125.00	125.00	126.00	129.00	134.00	127.50	3.17	1.00	2.49			
	3R4F	10	121.00	0	123.00	124.00	125.00	127.00	130.00	125.60	2.01	0.64	1.60	(-)		
	THS2.2	10	121.00	0	123.00	125.00	126.00	151.00	176.00	137.00	20.02	6.33	14.61	(-)	(-)	
2M	Sham	10	121.00	1	60.50	124.00	126.00	132.00	157.00	123.55	24.40	7.72	19.75			
	3R4F	10	121.00	0	121.00	123.00	123.00	123.00	125.00	123.00	1.05	0.33	0.86	+		
	THS2.2	10	121.00	2	60.50	121.00	122.50	125.00	143.00	113.70	28.98	9.16	25.49	(-)	(-)	
3M	Sham	10	121.00	1	60.50	121.00	123.50	125.00	186.00	124.25	29.85	9.44	24.02			
	3R4F	10	121.00	0	121.00	122.00	125.00	127.00	131.00	125.00	3.06	0.97	2.44	-		
	THS2.2	10	121.00	0	122.00	124.00	126.00	134.00	138.00	128.10	5.57	1.76	4.35	-	-	
	cess	10	121.00	0	121.00	122.00	123.50	125.00	138.00	124.80	4.92	1.55	3.94	(-)	(-)	
	switch	10	121.00	0	121.00	122.00	124.50	127.00	147.00	126.60	7.65	2.42	6.04	(-)	(-)	(-)
6M	Sham	9	130.00	0	133.00	135.00	141.00	144.00	153.00	140.89	7.61	2.54	5.40			
	3R4F	10	130.00	0	133.00	135.00	135.00	137.00	146.00	136.60	3.81	1.20	2.79	(-)		
	THS2.2	10	130.00	0	133.00	134.00	140.50	150.00	161.00	142.70	9.32	2.95	6.53	-	(-)	
	cess	10	130.00	0	138.00	140.00	142.00	149.00	170.00	146.00	9.55	3.02	6.54	(-)	+++	
	switch	10	130.00	0	131.00	133.00	139.00	149.00	152.00	141.10	8.25	2.61	5.85	(-)	(-)	-
8M	Sham	10	130.00	0	133.00	140.00	145.50	148.00	150.00	143.90	5.47	1.73	3.80			
	3R4F	10	130.00	0	134.00	135.00	136.00	141.00	153.00	138.40	5.70	1.80	4.12	*		
	THS2.2	10	130.00	0	134.00	136.00	138.00	145.00	149.00	140.10	5.32	1.68	3.80	-	(-)	
	cess	10	130.00	0	133.00	136.00	142.00	146.00	155.00	141.80	6.78	2.14	4.78	-	(-)	
	switch	10	130.00	0	134.00	136.00	144.50	149.00	157.00	143.90	7.95	2.51	5.53	-	-	-

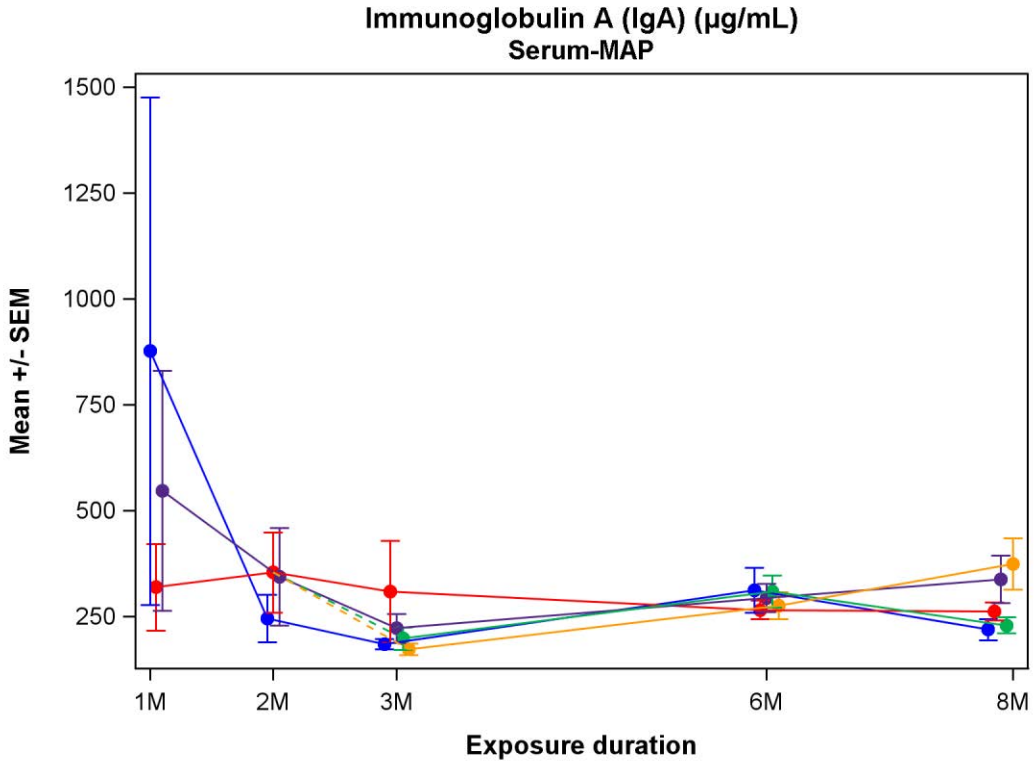
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Haptoglobin (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	1.90	-0.63	4.43	0.0114	0.1301	0.1222	(-)
	Sham	THS2.2	-9.50	-23.90	4.90	0.0002	0.1709	0.8921	(-)
	3R4F	THS2.2	-11.40	-25.75	2.95	0.0054	0.1062	0.3260	(-)
2M	Sham	3R4F	0.55	-16.91	18.01	0.0032	0.9448	0.0286	+
	Sham	THS2.2	9.85	-15.37	35.07	0.0004	0.4220	0.1773	(-)
	3R4F	THS2.2	9.30	-11.44	30.04	0.0147	0.3369	0.7493	(-)
3M	Sham	3R4F	-0.75	-22.15	20.65	0.0514	0.9387	0.4362	-
	Sham	THS2.2	-3.85	-25.36	17.66	0.1737	0.6972	0.1322	-
	Sham	cess	-0.55	-22.02	20.92	0.0008	0.9553	0.8556	(-)
	Sham	switch	-2.35	-24.01	19.31	0.0012	0.8142	0.5621	(-)
	3R4F	THS2.2	-3.10	-7.41	1.21	0.1157	0.1450	0.2218	-
	3R4F	cess	0.20	-3.70	4.10	0.0125	0.9144	0.5028	(-)
	3R4F	switch	-1.60	-7.28	4.08	0.0150	0.5506	0.9245	(-)
	cess	switch	-1.80	-7.92	4.32	0.0001	0.5405	0.5941	(-)
6M	Sham	3R4F	4.29	-1.86	10.43	0.0140	0.1535	0.2862	(-)
	Sham	THS2.2	-1.81	-10.02	6.40	0.0525	0.6473	0.8898	-
	Sham	cess	-5.11	-13.44	3.21	0.0146	0.2123	0.2590	(-)
	Sham	switch	-0.21	-7.89	7.47	0.0380	0.9544	0.9249	(-)
	3R4F	THS2.2	-6.10	-13.04	0.84	0.0108	0.0797	0.1916	(-)
	3R4F	cess	-9.40	-16.49	-2.31	0.0002	0.0137	0.0009	+++
	3R4F	switch	-4.50	-10.73	1.73	0.0418	0.1420	0.3436	(-)
	cess	switch	4.90	-3.50	13.30	0.0564	0.2356	0.3255	-
8M	Sham	3R4F	5.50	0.25	10.75	0.4560	0.0409	0.0497	*
	Sham	THS2.2	3.80	-1.27	8.87	0.8611	0.1326	0.1439	-
	Sham	cess	2.10	-3.70	7.90	0.4603	0.4560	0.2868	-
	Sham	switch	0.00	-6.47	6.47	0.5617	1.0000	0.8067	-
	3R4F	THS2.2	-1.70	-6.88	3.48	0.0103	0.4994	0.3387	(-)
	3R4F	cess	-3.40	-9.30	2.50	0.0416	0.2409	0.2366	(-)
	3R4F	switch	-5.50	-12.05	1.05	0.0673	0.0941	0.1130	-
	cess	switch	-2.10	-9.05	4.85	0.3044	0.5332	0.5677	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Immunoglobulin A (IgA) (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Immunoglobulin A (IgA) (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Immunoglobulin A (IgA) (µg/mL)
Serum-MAP

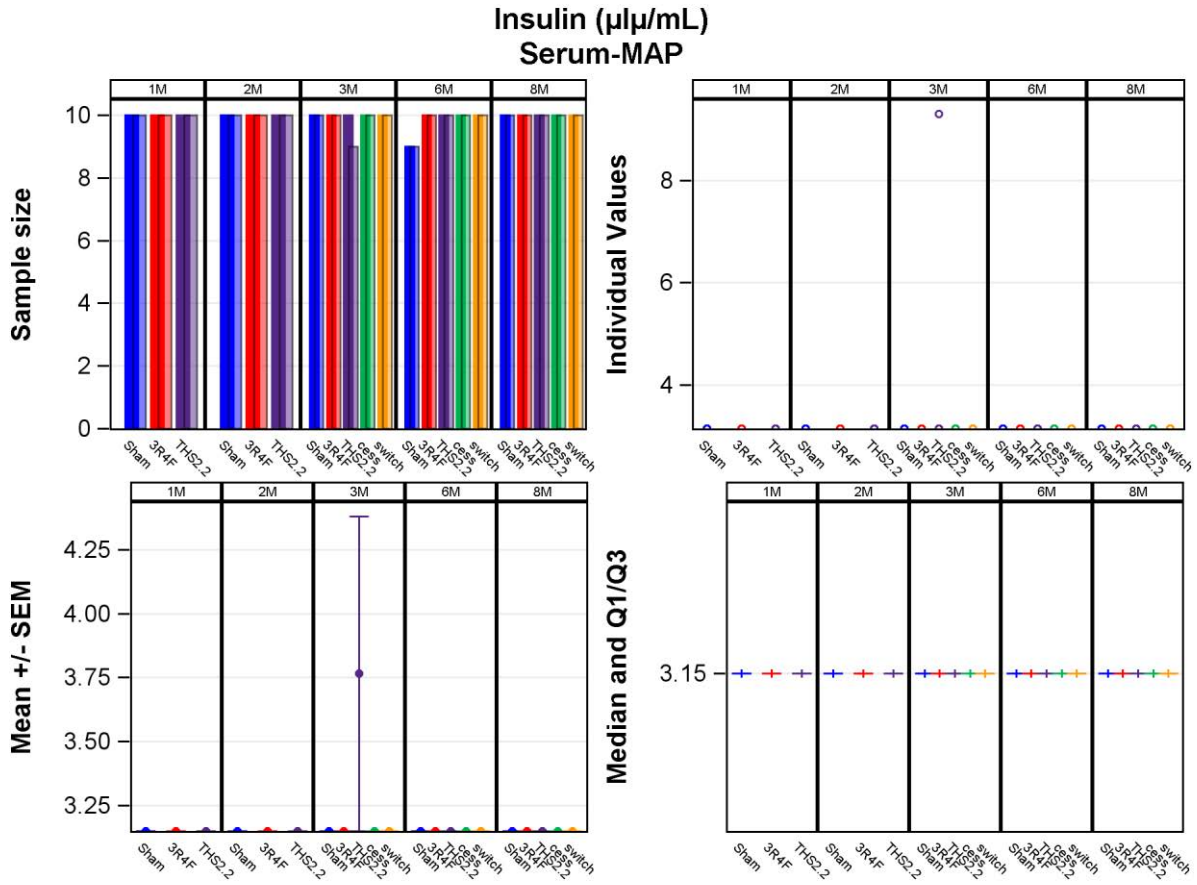
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	19.00	0	138.00	200.00	270.50	342.00	6260.0	876.30	1895.0	599.27	216.26			
	3R4F	10	19.00	0	152.00	171.00	195.50	280.00	1210.0	319.00	322.87	102.10	101.21	(-)		
	THS2.2	10	19.00	0	130.00	161.00	261.50	462.00	3070.0	546.70	895.20	283.09	163.75	(-)	(-)	
2M	Sham	10	19.00	0	117.00	164.00	187.00	236.00	736.00	245.10	179.07	56.63	73.06			
	3R4F	10	19.00	0	133.00	181.00	219.00	394.00	957.00	353.90	298.77	94.48	84.42	(-)		
	THS2.2	10	19.00	0	148.00	198.00	245.50	281.00	1370.0	343.80	363.54	114.96	105.74	(-)	(-)	
3M	Sham	10	19.00	0	129.00	164.00	177.50	213.00	252.00	184.40	38.70	12.24	20.98			
	3R4F	10	19.00	0	126.00	168.00	182.00	244.00	1380.0	308.10	379.27	119.94	123.10	(-)		
	THS2.2	10	19.00	0	111.00	146.00	184.00	244.00	427.00	221.70	106.06	33.54	47.84	-	(-)	
	cess	10	19.00	0	89.00	144.00	171.00	247.00	343.00	197.50	84.26	26.64	42.66	-	(-)	
	switch	10	19.00	0	125.00	150.00	159.50	195.00	266.00	172.10	42.75	13.52	24.84	-	(-)	-
6M	Sham	9	19.00	0	195.00	226.00	283.00	307.00	720.00	311.67	160.52	53.51	51.51			
	3R4F	10	19.00	0	194.00	212.00	242.00	329.00	393.00	265.30	69.25	21.90	26.10	(-)		
	THS2.2	10	19.00	0	129.00	202.00	303.50	397.00	415.00	293.30	105.92	33.50	36.11	-	-	
	cess	10	19.00	0	136.00	206.00	289.00	428.00	477.00	309.30	119.59	37.82	38.66	-	-	
	switch	10	19.00	0	161.00	241.00	246.00	321.00	446.00	276.10	100.60	31.81	36.44	(-)	(-)	-
8M	Sham	10	19.00	0	152.00	158.00	190.50	289.00	382.00	218.80	77.32	24.45	35.34			
	3R4F	10	19.00	0	170.00	194.00	259.00	323.00	370.00	262.00	68.10	21.54	25.99	-		
	THS2.2	10	19.00	0	141.00	205.00	307.00	418.00	619.00	337.20	177.41	56.10	52.61	(-)	-	
	cess	10	19.00	0	160.00	196.00	207.00	236.00	345.00	228.90	60.76	19.21	26.54	(-)	-	
	switch	10	19.00	0	205.00	263.00	317.50	420.00	829.00	374.10	192.47	60.86	51.45	++	-	+

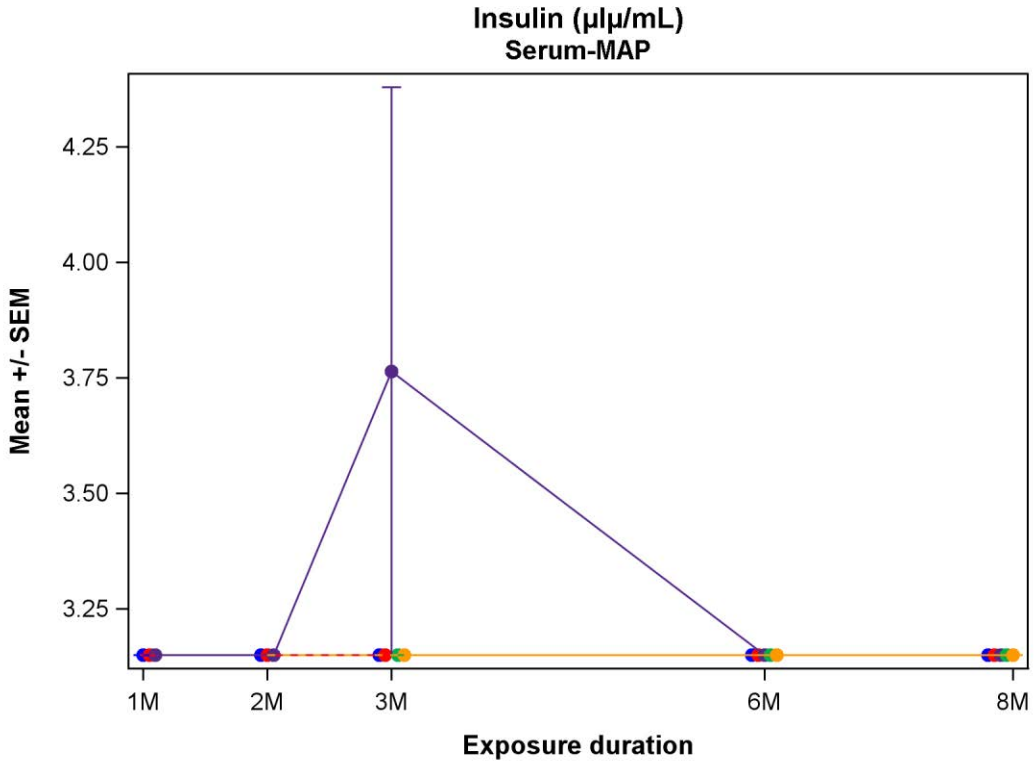
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Immunoglobulin A (IgA) (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	557.30	-806.5	1921.1	0.0001	0.3819	0.2162	(-)
	Sham	THS2.2	329.60	-1104	1763.4	0.0001	0.6274	0.7209	(-)
	3R4F	THS2.2	-227.7	-887.9	432.50	0.0001	0.4647	0.6647	(-)
2M	Sham	3R4F	-108.8	-344.0	126.36	0.0001	0.3392	0.3909	(-)
	Sham	THS2.2	-98.70	-375.3	177.88	0.0001	0.4548	0.1377	(-)
	3R4F	THS2.2	10.10	-303.4	323.56	0.0001	0.9467	0.6967	(-)
3M	Sham	3R4F	-123.7	-395.6	148.18	0.0015	0.3311	0.6321	(-)
	Sham	THS2.2	-37.30	-115.6	40.98	0.0774	0.3178	0.8166	-
	Sham	cess	-13.10	-76.63	50.43	0.1976	0.6626	0.9706	-
	Sham	switch	12.30	-26.03	50.63	0.2495	0.5086	0.3677	-
	3R4F	THS2.2	86.40	-189.6	362.45	0.0001	0.5030	0.8102	(-)
	3R4F	cess	110.60	-163.6	384.78	0.0009	0.3894	0.6469	(-)
	3R4F	switch	136.00	-136.0	408.00	0.0001	0.2883	0.2077	(-)
	cess	switch	25.40	-38.98	89.78	0.1113	0.4102	0.6924	-
6M	Sham	3R4F	46.37	-81.42	174.15	0.0036	0.4401	0.6768	(-)
	Sham	THS2.2	18.37	-117.4	154.10	0.3218	0.7755	0.7772	-
	Sham	cess	2.37	-137.5	142.25	0.1091	0.9717	0.7418	-
	Sham	switch	35.57	-98.72	169.85	0.0024	0.5774	0.8605	(-)
	3R4F	THS2.2	-28.00	-113.1	57.06	0.5954	0.4945	0.4356	-
	3R4F	cess	-44.00	-137.5	49.47	0.1204	0.3306	0.4983	-
	3R4F	switch	-10.80	-92.69	71.09	0.0129	0.7833	0.8405	(-)
	cess	switch	33.20	-70.84	137.24	0.1570	0.5105	0.6665	-
8M	Sham	3R4F	-43.20	-111.7	25.33	0.1066	0.2017	0.1386	-
	Sham	THS2.2	-118.4	-251.4	14.58	0.0253	0.0764	0.1062	(-)
	Sham	cess	-10.10	-75.69	55.49	0.0043	0.7493	0.3375	(-)
	Sham	switch	-155.3	-298.4	-12.16	0.0011	0.0358	0.0068	++
	3R4F	THS2.2	-75.20	-206.6	56.24	0.0706	0.2355	0.4334	-
	3R4F	cess	33.10	-27.59	93.79	0.1421	0.2666	0.4843	-
	3R4F	switch	-112.1	-253.9	29.66	0.1467	0.1099	0.1939	-
	cess	switch	-145.2	-286.0	-4.36	0.0025	0.0444	0.0169	+

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Insulin (µlµ/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Insulin (µlµ/mL)
Serum-MAP
Mean +/- SEM
4.25
4.00
3.75
3.50
3.25
1M
2M
3M
6M
8M
Exposure duration

Insulin (µlµ/mL)
Serum-MAP

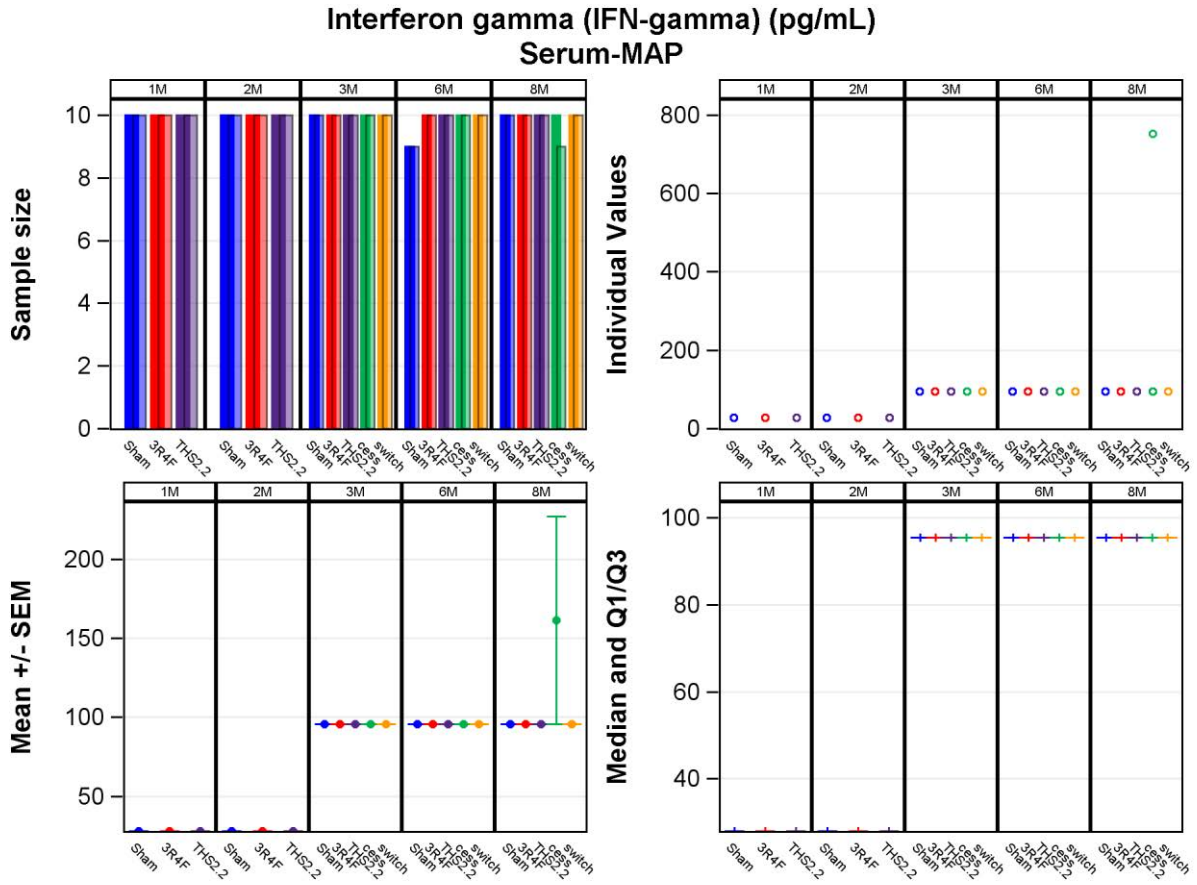
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00			
	3R4F	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00			
	3R4F	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00			
	3R4F	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.30	9	3.15	3.15	3.15	3.15	9.30	3.77	1.94	0.62	51.65	n.a.	n.a.	
	cess	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	6.30	9	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00			
	3R4F	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00			
	3R4F	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.		
	THS2.2	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	6.30	10	3.15	3.15	3.15	3.15	3.15	3.15	0.00	0.00	0.00	n.a.	n.a.	n.a.

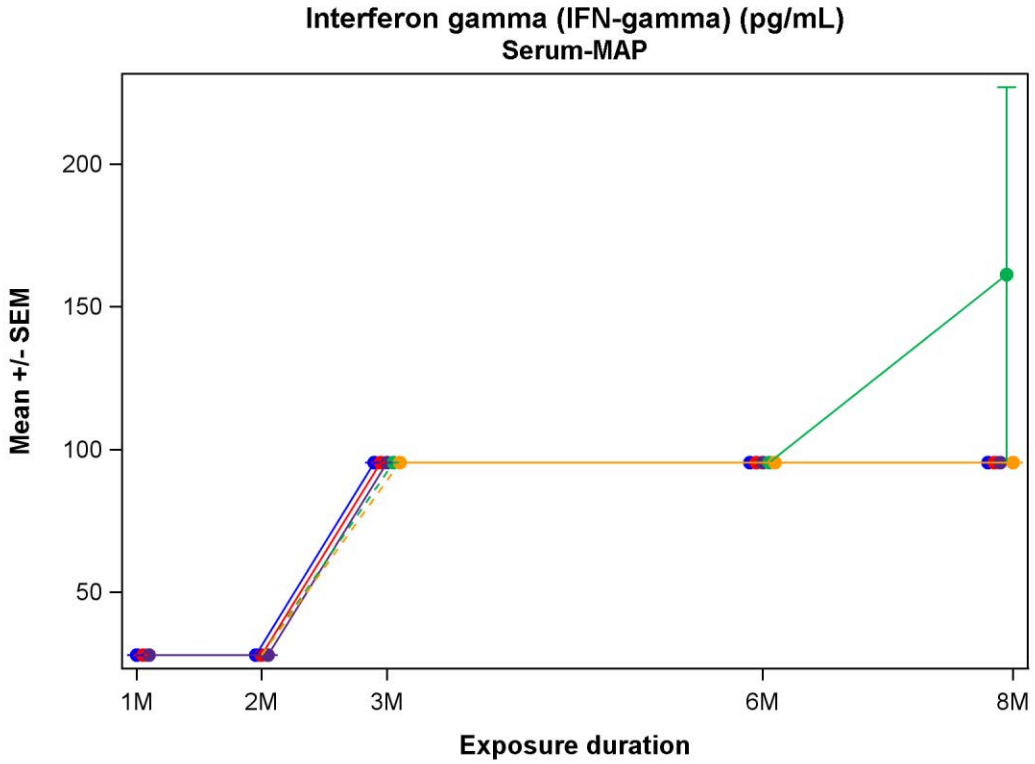
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Insulin (µlµ/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-0.61	-2.01	0.78	.	0.3434	1.0000	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	-0.61	-2.01	0.78	.	0.3434	1.0000	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interferon gamma (IFN-gamma) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interferon gamma (IFN-gamma) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interferon gamma (IFN-gamma) (pg/mL)
Serum-MAP

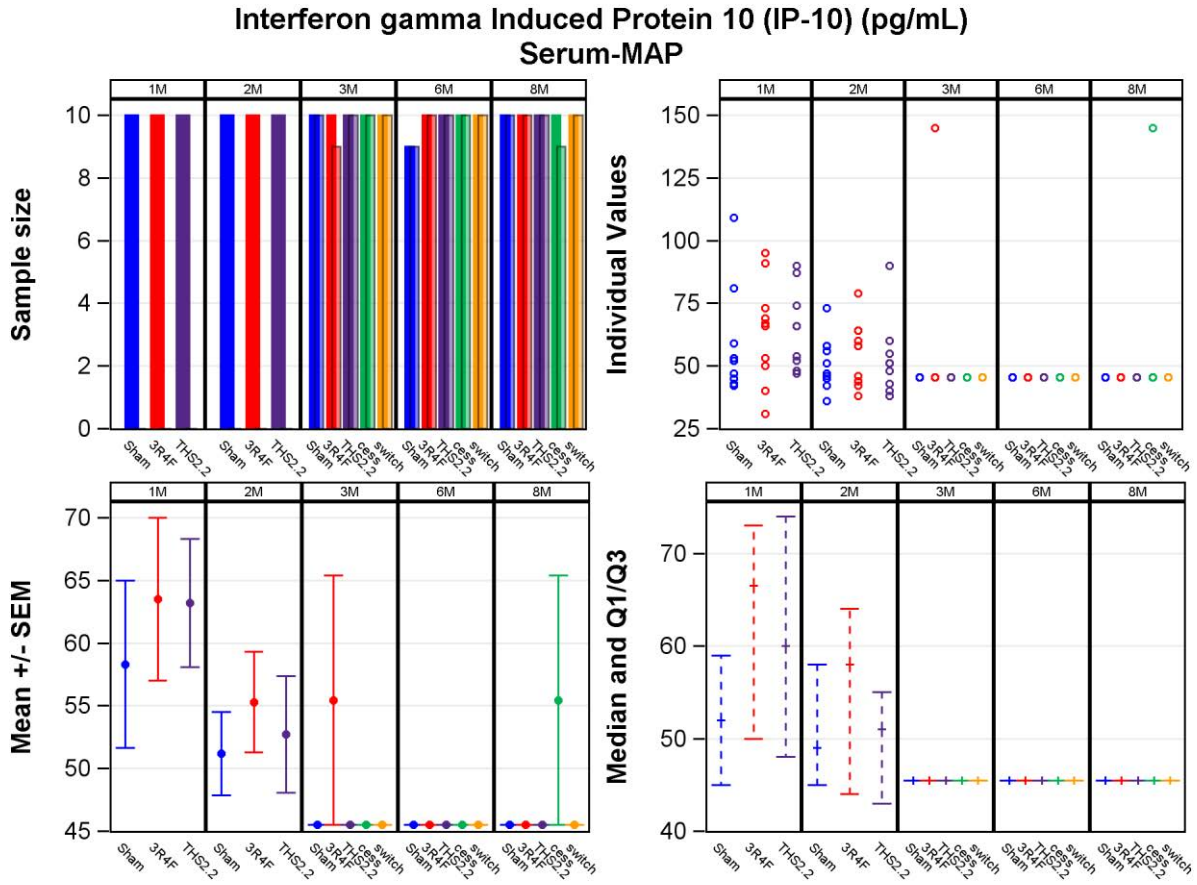
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00			
	3R4F	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00			
	3R4F	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	56.00	10	28.00	28.00	28.00	28.00	28.00	28.00	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00			
	3R4F	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	191.00	9	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00			
	3R4F	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00			
	3R4F	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	191.00	9	95.50	95.50	95.50	95.50	753.00	161.25	207.92	65.75	128.94	(-)	(-)	
	switch	10	191.00	10	95.50	95.50	95.50	95.50	95.50	95.50	0.00	0.00	0.00	n.a.	n.a.	(-)

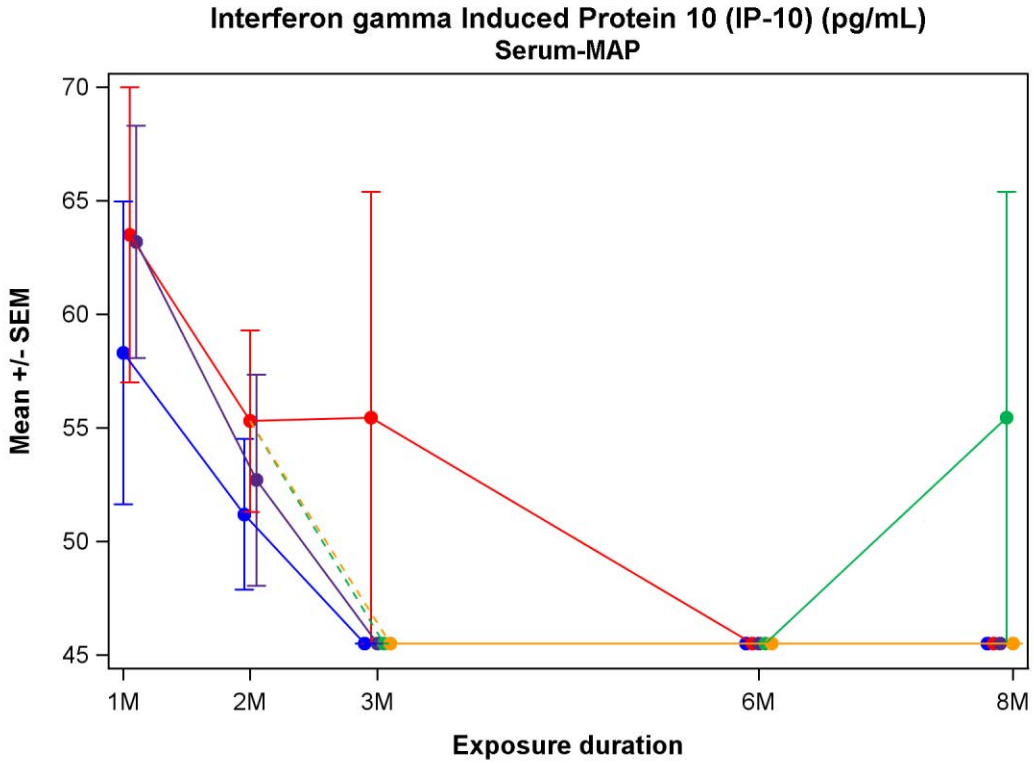
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interferon gamma (IFN-gamma) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-65.75	-214.5	82.99	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-65.75	-214.5	82.99	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	65.75	-82.99	214.49	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
Serum-MAP

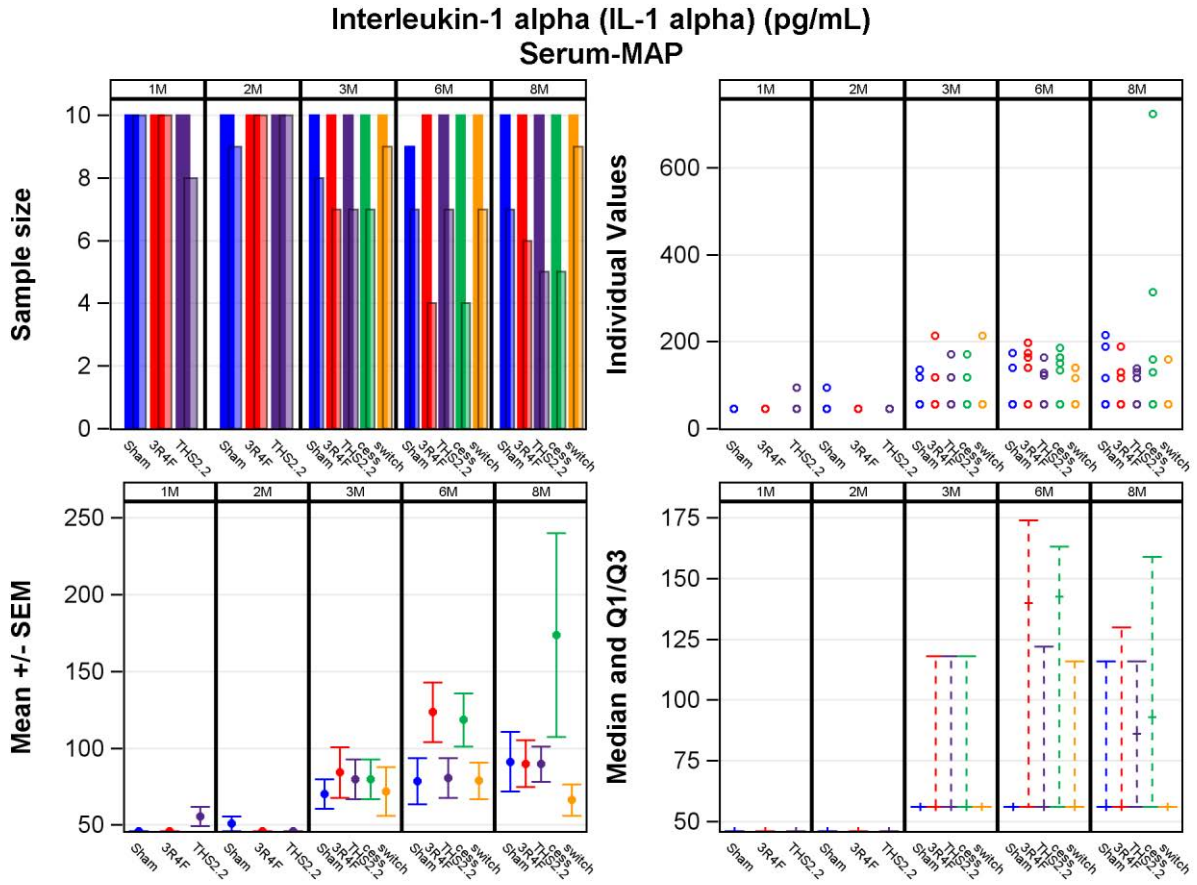
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	13.00	0	42.00	45.00	52.00	59.00	109.00	58.30	21.08	6.67	36.15			
	3R4F	10	13.00	0	31.00	50.00	66.50	73.00	95.00	63.50	20.52	6.49	32.31	-		
	THS2.2	10	13.00	0	47.00	48.00	60.00	74.00	90.00	63.20	16.16	5.11	25.58	(-)	-	
2M	Sham	10	13.00	0	36.00	45.00	49.00	58.00	73.00	51.20	10.49	3.32	20.48			
	3R4F	10	13.00	0	38.00	44.00	58.00	64.00	79.00	55.30	12.65	4.00	22.87	-		
	THS2.2	10	13.00	0	38.00	43.00	51.00	55.00	90.00	52.70	14.73	4.66	27.95	(-)	-	
3M	Sham	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00			
	3R4F	10	91.00	9	45.50	45.50	45.50	45.50	145.00	55.45	31.46	9.95	56.74	(-)		
	THS2.2	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	(-)	
	cess	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	(-)	
	switch	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	(-)	n.a.
6M	Sham	9	91.00	9	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00			
	3R4F	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00			
	3R4F	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	91.00	9	45.50	45.50	45.50	45.50	145.00	55.45	31.46	9.95	56.74	(-)	(-)	
	switch	10	91.00	10	45.50	45.50	45.50	45.50	45.50	45.50	0.00	0.00	0.00	n.a.	n.a.	(-)

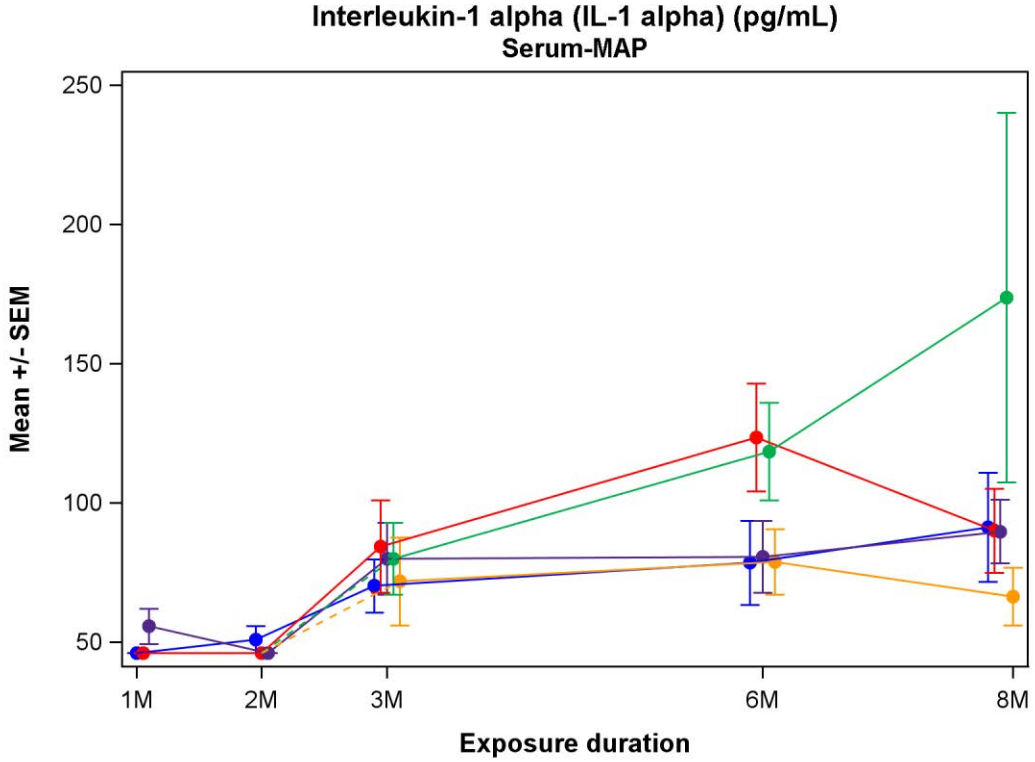
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interferon gamma Induced Protein 10 (IP-10) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-5.20	-24.74	14.34	0.2142	0.5830	0.4390	-
	Sham	THS2.2	-4.90	-22.63	12.83	0.0085	0.5674	0.2526	(-)
	3R4F	THS2.2	0.30	-17.12	17.72	0.2116	0.9714	0.7791	-
2M	Sham	3R4F	-4.10	-15.04	6.84	0.3123	0.4407	0.4296	-
	Sham	THS2.2	-1.50	-13.60	10.60	0.0352	0.7963	0.9872	(-)
	3R4F	THS2.2	2.60	-10.32	15.52	0.0864	0.6771	0.4769	-
3M	Sham	3R4F	-9.95	-32.46	12.56	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	9.95	-12.56	32.46	0.0001	0.3434	1.0000	(-)
	3R4F	cess	9.95	-12.56	32.46	0.0001	0.3434	1.0000	(-)
	3R4F	switch	9.95	-12.56	32.46	0.0001	0.3434	1.0000	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-9.95	-32.46	12.56	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-9.95	-32.46	12.56	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	9.95	-12.56	32.46	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-1 alpha (IL-1 alpha) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-1 alpha (IL-1 alpha) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

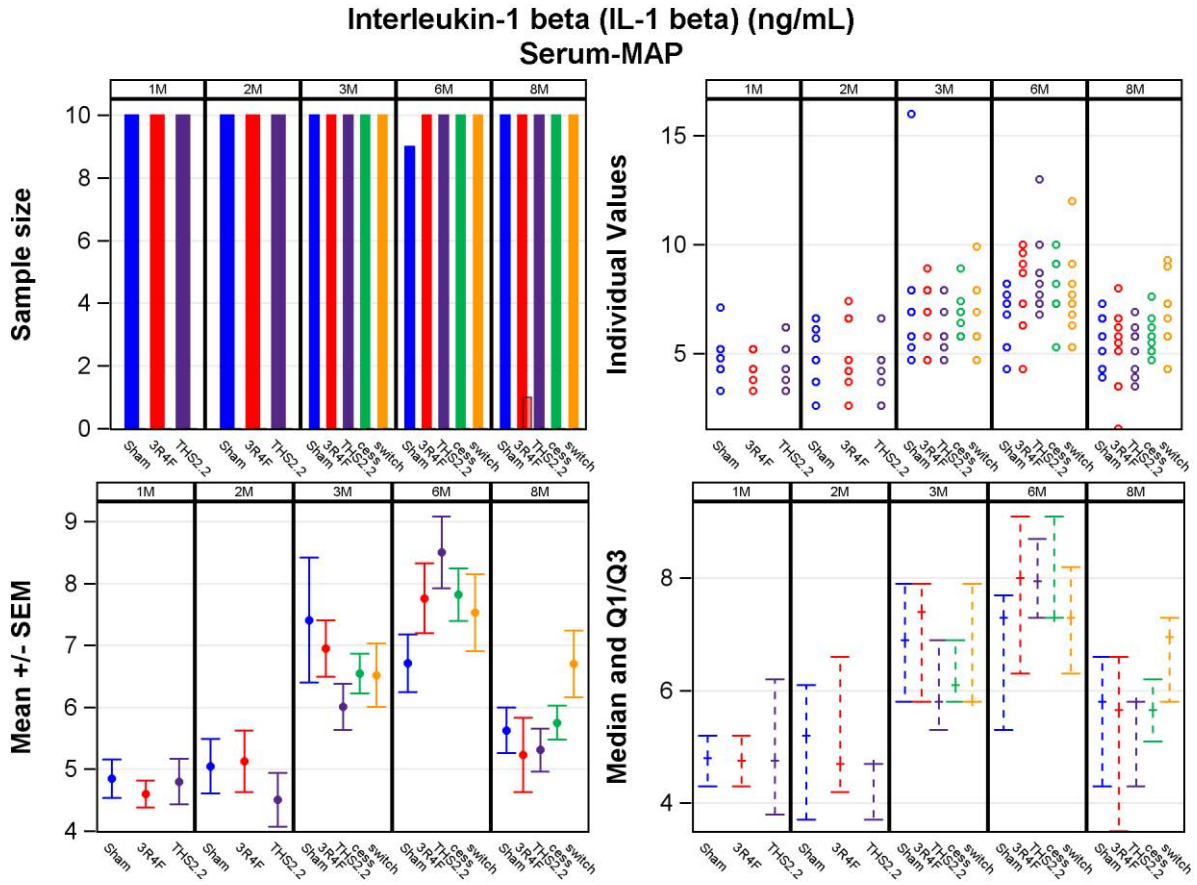
Interleukin-1 alpha (IL-1 alpha) (pg/mL)
Serum-MAP

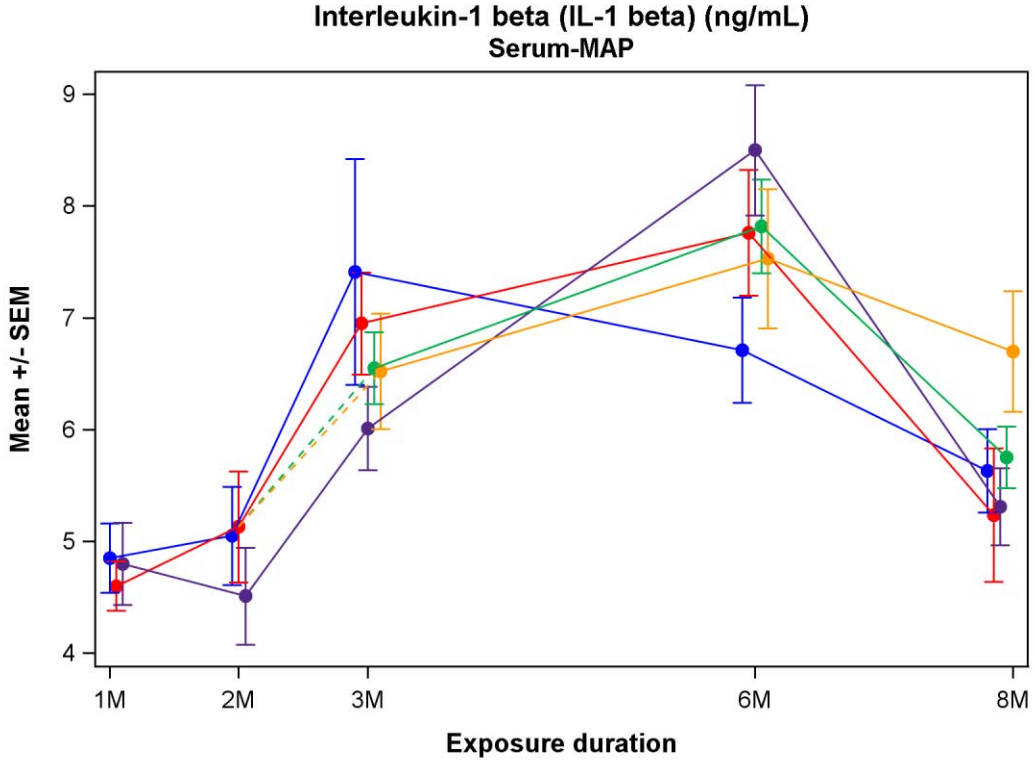
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	92.00	10	46.00	46.00	46.00	46.00	46.00	46.00	0.00	0.00	0.00			
	3R4F	10	92.00	10	46.00	46.00	46.00	46.00	46.00	46.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	92.00	8	46.00	46.00	46.00	46.00	94.00	55.60	20.24	6.40	36.40	(-)	(-)	
2M	Sham	10	92.00	9	46.00	46.00	46.00	46.00	94.00	50.80	15.18	4.80	29.88			
	3R4F	10	92.00	10	46.00	46.00	46.00	46.00	46.00	46.00	0.00	0.00	0.00	(-)		
	THS2.2	10	92.00	10	46.00	46.00	46.00	46.00	46.00	46.00	0.00	0.00	0.00	(-)	n.a.	
3M	Sham	10	112.00	8	56.00	56.00	56.00	56.00	136.00	70.20	30.24	9.56	43.07			
	3R4F	10	112.00	7	56.00	56.00	56.00	118.00	214.00	84.20	52.39	16.57	62.22	(-)		
	THS2.2	10	112.00	7	56.00	56.00	56.00	118.00	171.00	79.90	41.10	13.00	51.44	(-)	(-)	
	cess	10	112.00	7	56.00	56.00	56.00	118.00	171.00	79.90	41.10	13.00	51.44	(-)	(-)	
	switch	10	112.00	9	56.00	56.00	56.00	56.00	214.00	71.80	49.96	15.80	69.59	(-)	(-)	(-)
6M	Sham	9	112.00	7	56.00	56.00	56.00	56.00	174.00	78.44	45.34	15.11	57.80			
	3R4F	10	112.00	4	56.00	56.00	140.00	174.00	197.00	123.50	61.18	19.35	49.54	(-)		
	THS2.2	10	112.00	7	56.00	56.00	56.00	122.00	163.00	80.50	40.81	12.90	50.69	(-)	(-)	
	cess	10	112.00	4	56.00	56.00	142.50	163.00	186.00	118.40	55.20	17.45	46.62	(-)	(-)	
	switch	10	112.00	7	56.00	56.00	56.00	116.00	140.00	78.80	37.29	11.79	47.32	(-)	(-)	(-)
8M	Sham	10	112.00	7	56.00	56.00	56.00	116.00	216.00	91.20	61.67	19.50	67.63			
	3R4F	10	112.00	6	56.00	56.00	56.00	130.00	188.00	90.00	47.63	15.06	52.92	(-)		
	THS2.2	10	112.00	5	56.00	56.00	86.00	116.00	138.00	89.60	36.07	11.41	40.26	(-)	(-)	
	cess	10	112.00	5	56.00	56.00	93.00	159.00	724.00	173.70	209.71	66.32	120.73	(-)	(-)	
	switch	10	112.00	9	56.00	56.00	56.00	56.00	159.00	66.30	32.57	10.30	49.13	(-)	(-)	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-1 alpha (IL-1 alpha) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-9.60	-24.08	4.88	0.0001	0.1679	0.4733	(-)
	3R4F	THS2.2	-9.60	-24.08	4.88	0.0001	0.1679	0.4676	(-)
2M	Sham	3R4F	4.80	-6.06	15.66	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	4.80	-6.06	15.66	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-14.00	-54.92	26.92	0.0001	0.4760	0.7215	(-)
	Sham	THS2.2	-9.70	-43.81	24.41	0.0001	0.5559	0.7192	(-)
	Sham	cess	-9.70	-43.81	24.41	0.0001	0.5559	0.7206	(-)
	Sham	switch	-1.60	-41.01	37.81	0.0001	0.9321	1.0000	(-)
	3R4F	THS2.2	4.30	-40.12	48.72	0.0001	0.8406	1.0000	(-)
	3R4F	cess	4.30	-40.12	48.72	0.0001	0.8406	1.0000	(-)
	3R4F	switch	12.40	-35.70	60.50	0.0001	0.5947	0.5875	(-)
	cess	switch	8.10	-35.00	51.20	0.0001	0.6970	0.5858	(-)
6M	Sham	3R4F	-45.06	-96.98	6.87	0.0285	0.0846	0.1063	(-)
	Sham	THS2.2	-2.06	-44.13	40.02	0.0001	0.9189	0.9632	(-)
	Sham	cess	-39.96	-88.69	8.78	0.0331	0.1018	0.1338	(-)
	Sham	switch	-0.36	-41.08	40.37	0.0001	0.9854	1.0000	(-)
	3R4F	THS2.2	43.00	-6.38	92.38	0.0150	0.0834	0.0728	(-)
	3R4F	cess	5.10	-49.68	59.88	0.0007	0.8470	0.7356	(-)
	3R4F	switch	44.70	-3.63	93.03	0.0091	0.0674	0.0828	(-)
	cess	switch	39.60	-5.10	84.30	0.0096	0.0787	0.0720	(-)
8M	Sham	3R4F	1.20	-50.81	53.21	0.0001	0.9617	0.8634	(-)
	Sham	THS2.2	1.60	-46.70	49.90	0.0026	0.9445	0.6242	(-)
	Sham	cess	-82.50	-235.4	70.45	0.0001	0.2588	0.3521	(-)
	Sham	switch	24.90	-22.52	72.32	0.0001	0.2784	0.3327	(-)
	3R4F	THS2.2	0.40	-39.50	40.30	0.0016	0.9834	0.9312	(-)
	3R4F	cess	-83.70	-235.4	67.98	0.0002	0.2468	0.4156	(-)
	3R4F	switch	23.70	-15.00	62.40	0.0001	0.2125	0.2578	(-)
	cess	switch	107.40	-43.36	258.16	0.0001	0.1424	0.0951	(-)


Interleukin-1 beta (IL-1 beta) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-1 beta (IL-1 beta) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-1 beta (IL-1 beta) (ng/mL)
Serum-MAP

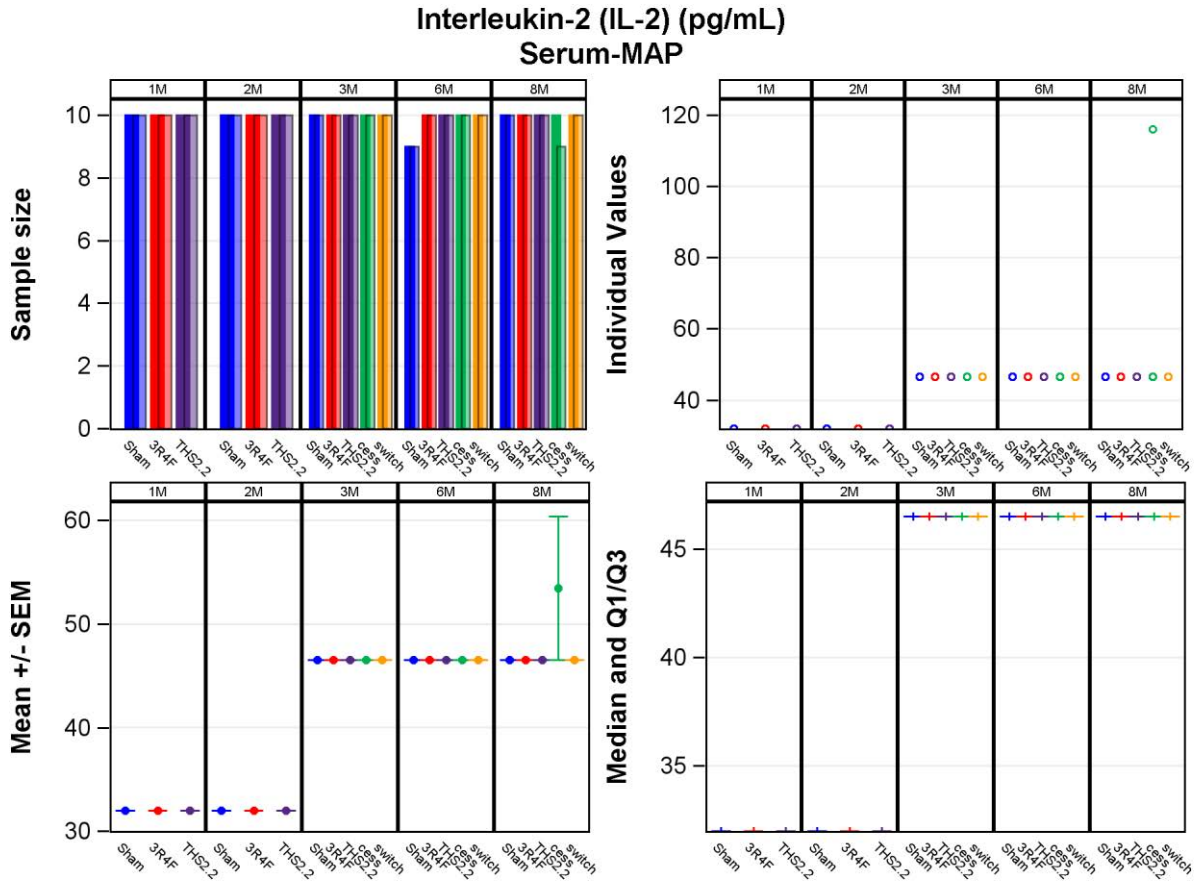
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.40	0	3.30	4.30	4.80	5.20	7.10	4.85	0.99	0.31	20.32			
	3R4F	10	2.40	0	3.30	4.30	4.75	5.20	5.20	4.60	0.70	0.22	15.20	-		
	THS2.2	10	2.40	0	3.30	3.80	4.75	6.20	6.20	4.80	1.16	0.37	24.26	-	(-)	
2M	Sham	10	2.40	0	2.60	3.70	5.20	6.10	6.60	5.05	1.39	0.44	27.47			
	3R4F	10	2.40	0	2.60	4.20	4.70	6.60	7.40	5.13	1.57	0.50	30.60	-		
	THS2.2	10	2.40	0	2.60	3.70	4.70	4.70	6.60	4.51	1.37	0.43	30.41	-	-	
3M	Sham	10	2.40	0	4.70	5.80	6.90	7.90	16.00	7.41	3.20	1.01	43.15			
	3R4F	10	2.40	0	4.70	5.80	7.40	7.90	8.90	6.95	1.45	0.46	20.83	-		
	THS2.2	10	2.40	0	4.70	5.30	5.80	6.90	7.90	6.01	1.18	0.37	19.62	(-)	-	
	cess	10	2.40	0	5.80	5.80	6.10	6.90	8.90	6.55	1.02	0.32	15.54	(-)	-	
	switch	10	2.40	0	4.70	5.80	5.80	7.90	9.90	6.52	1.64	0.52	25.09	(-)	-	(-)
6M	Sham	9	2.40	0	4.30	5.30	7.30	7.70	8.20	6.71	1.41	0.47	21.01			
	3R4F	10	2.40	0	4.30	6.30	8.00	9.10	10.00	7.76	1.78	0.56	22.98	-		
	THS2.2	10	2.40	0	6.80	7.30	7.95	8.70	13.00	8.50	1.84	0.58	21.66	*	-	
	cess	10	2.40	0	5.30	7.30	7.30	9.10	10.00	7.82	1.33	0.42	16.98	-	-	
	switch	10	2.40	0	5.30	6.30	7.30	8.20	12.00	7.53	1.97	0.62	26.20	-	-	-
8M	Sham	10	3.10	0	3.90	4.30	5.80	6.60	7.30	5.63	1.18	0.37	20.92			
	3R4F	10	3.10	1	1.55	3.50	5.65	6.60	8.00	5.24	1.89	0.60	36.19	-		
	THS2.2	10	3.10	0	3.50	4.30	5.80	5.80	6.90	5.31	1.09	0.34	20.45	-	-	
	cess	10	3.10	0	4.70	5.10	5.65	6.20	7.60	5.75	0.87	0.27	15.10	-	-	
	switch	10	3.10	0	4.30	5.80	6.95	7.30	9.30	6.70	1.71	0.54	25.50	-	-	-

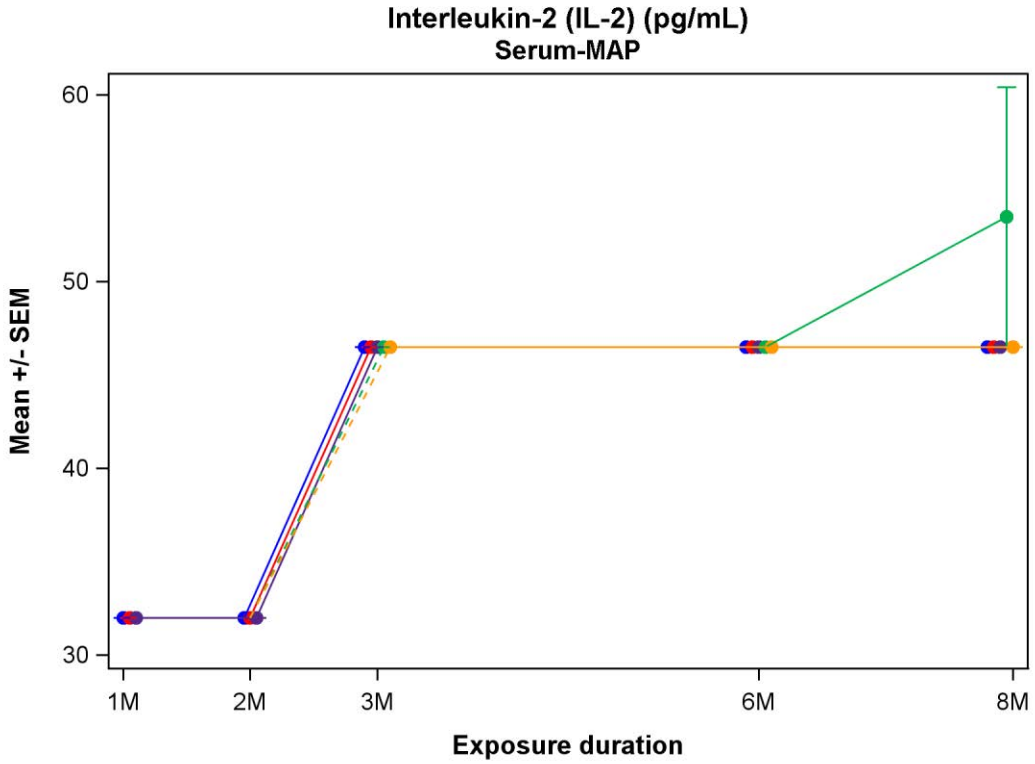
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-1 beta (IL-1 beta) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.25	-0.56	1.06	0.4497	0.5222	0.8548	-
	Sham	THS2.2	0.05	-0.97	1.07	0.4722	0.9186	0.9554	-
	3R4F	THS2.2	-0.20	-1.12	0.72	0.0474	0.6482	0.7460	(-)
2M	Sham	3R4F	-0.08	-1.47	1.31	0.1439	0.9052	0.8031	-
	Sham	THS2.2	0.54	-0.76	1.84	0.5802	0.3929	0.4728	-
	3R4F	THS2.2	0.62	-0.77	2.01	0.2793	0.3596	0.4815	-
3M	Sham	3R4F	0.46	-1.95	2.87	0.1834	0.6856	0.6514	-
	Sham	THS2.2	1.40	-0.96	3.76	0.0032	0.2196	0.2557	(-)
	Sham	cess	0.86	-1.48	3.20	0.0002	0.4352	0.7749	(-)
	Sham	switch	0.89	-1.56	3.34	0.0029	0.4469	0.6450	(-)
	3R4F	THS2.2	0.94	-0.30	2.18	0.3688	0.1295	0.1575	-
	3R4F	cess	0.40	-0.79	1.59	0.3245	0.4850	0.3668	-
	3R4F	switch	0.43	-1.02	1.88	0.6105	0.5415	0.5168	-
	cess	switch	0.03	-1.27	1.33	0.0113	0.9614	0.7242	(-)
6M	Sham	3R4F	-1.05	-2.60	0.50	0.1221	0.1715	0.1904	-
	Sham	THS2.2	-1.79	-3.37	-0.21	0.6184	0.0290	0.0490	*
	Sham	cess	-1.11	-2.44	0.22	0.5119	0.0971	0.1677	-
	Sham	switch	-0.82	-2.47	0.83	0.8298	0.3098	0.5326	-
	3R4F	THS2.2	-0.74	-2.44	0.96	0.5615	0.3734	0.6384	-
	3R4F	cess	-0.06	-1.55	1.43	0.2895	0.9330	0.9886	-
	3R4F	switch	0.23	-1.54	2.00	0.9908	0.7876	0.5896	-
	cess	switch	0.29	-1.31	1.89	0.4375	0.7049	0.4888	-
8M	Sham	3R4F	0.39	-1.11	1.90	0.3031	0.5838	0.6329	-
	Sham	THS2.2	0.32	-0.74	1.38	0.1193	0.5355	0.5140	-
	Sham	cess	-0.12	-1.10	0.86	0.5693	0.7986	0.9550	-
	Sham	switch	-1.07	-2.46	0.32	0.2116	0.1226	0.1367	-
	3R4F	THS2.2	-0.07	-1.55	1.40	0.1484	0.9150	0.9559	-
	3R4F	cess	-0.51	-1.94	0.91	0.9742	0.4490	0.8619	-
	3R4F	switch	-1.46	-3.16	0.23	0.5663	0.0863	0.0998	-
	cess	switch	-0.95	-2.26	0.36	0.5397	0.1404	0.1872	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-2 (IL-2) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-2 (IL-2) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

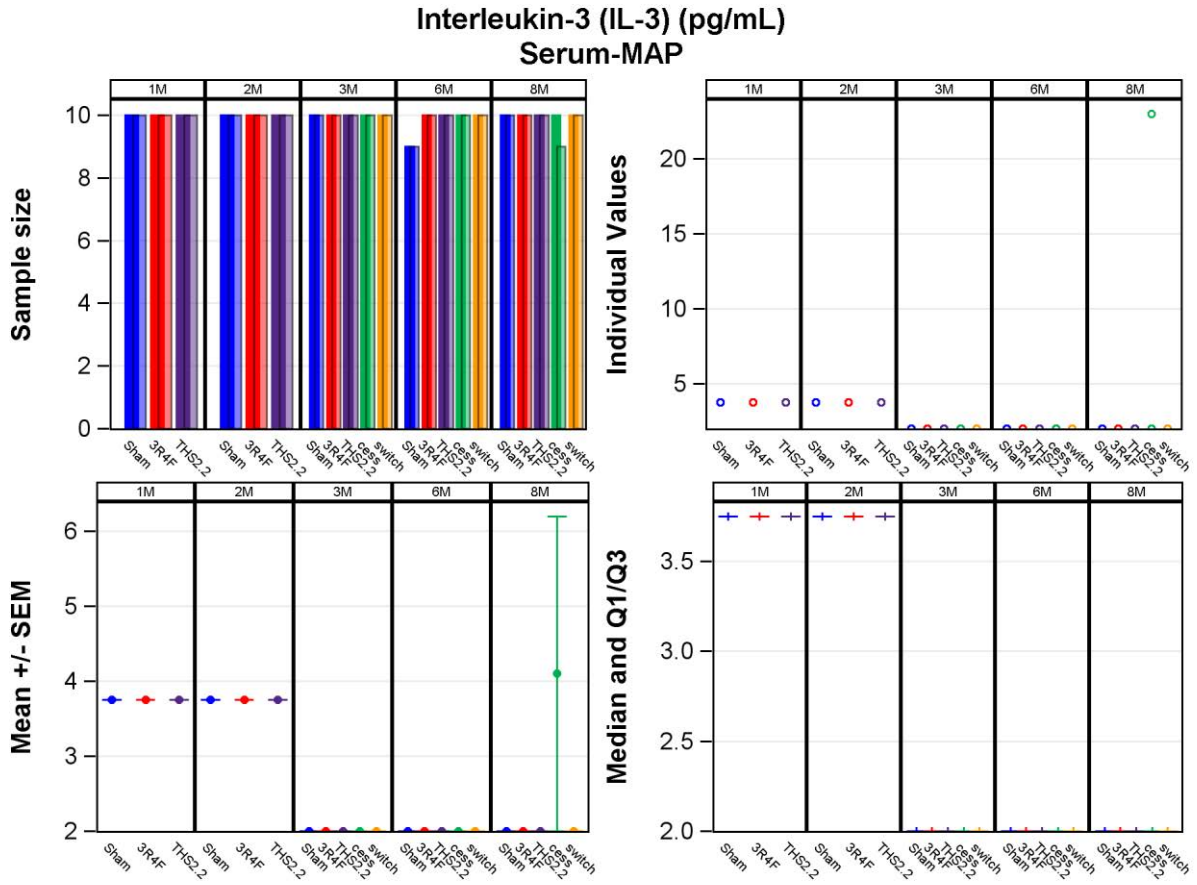
Interleukin-2 (IL-2) (pg/mL)
Serum-MAP

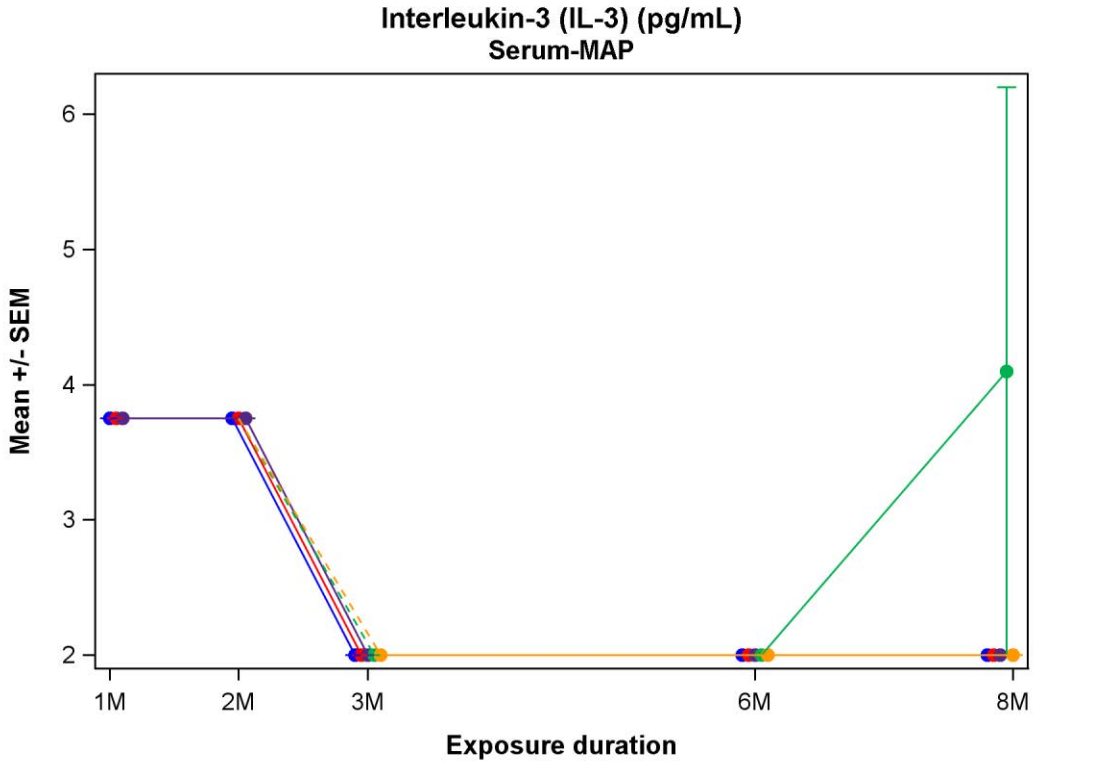
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00			
	3R4F	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00			
	3R4F	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	64.00	10	32.00	32.00	32.00	32.00	32.00	32.00	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00			
	3R4F	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	93.00	9	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00			
	3R4F	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00			
	3R4F	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	93.00	9	46.50	46.50	46.50	46.50	116.00	53.45	21.98	6.95	41.12	(-)	(-)	
	switch	10	93.00	10	46.50	46.50	46.50	46.50	46.50	46.50	0.00	0.00	0.00	n.a.	n.a.	(-)

Interleukin-2 (IL-2) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-6.95	-22.67	8.77	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-6.95	-22.67	8.77	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	6.95	-8.77	22.67	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-3 (IL-3) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-3 (IL-3) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

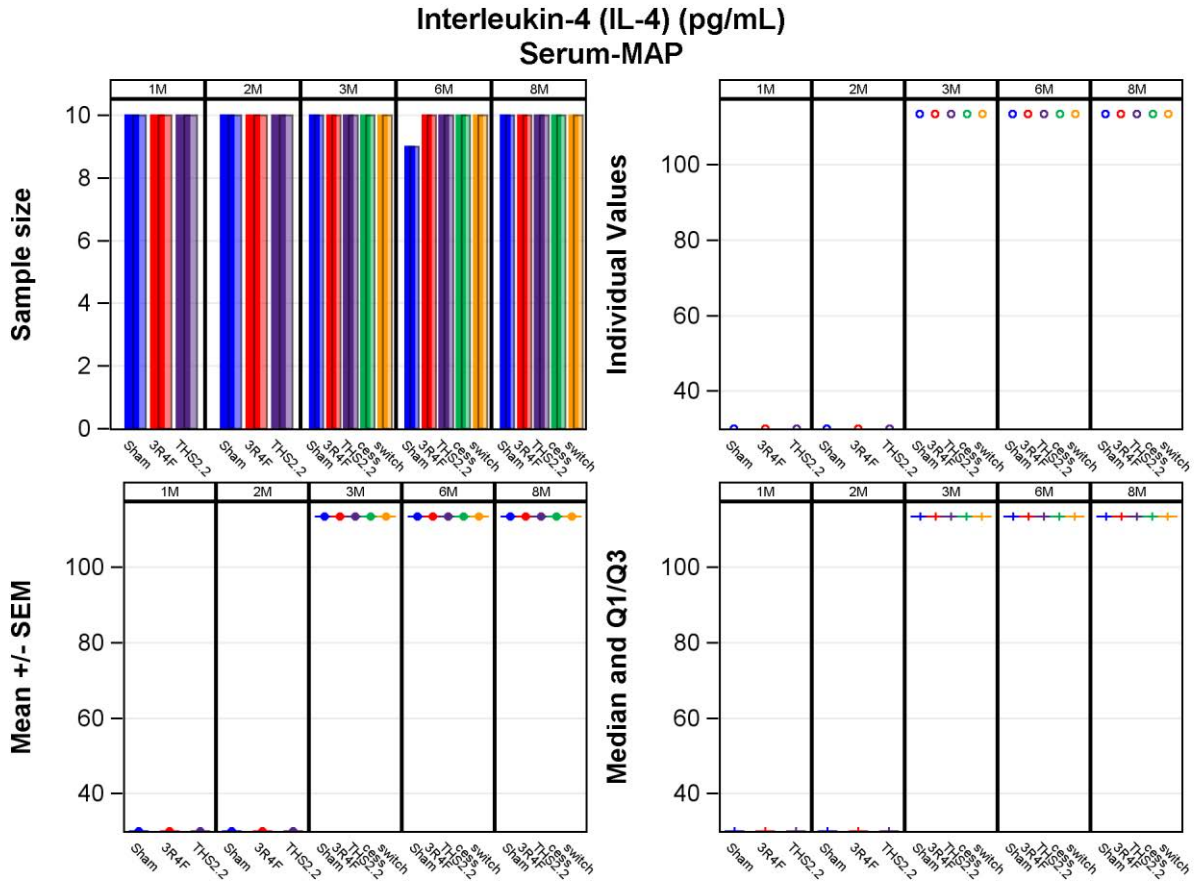
Interleukin-3 (IL-3) (pg/mL)
Serum-MAP

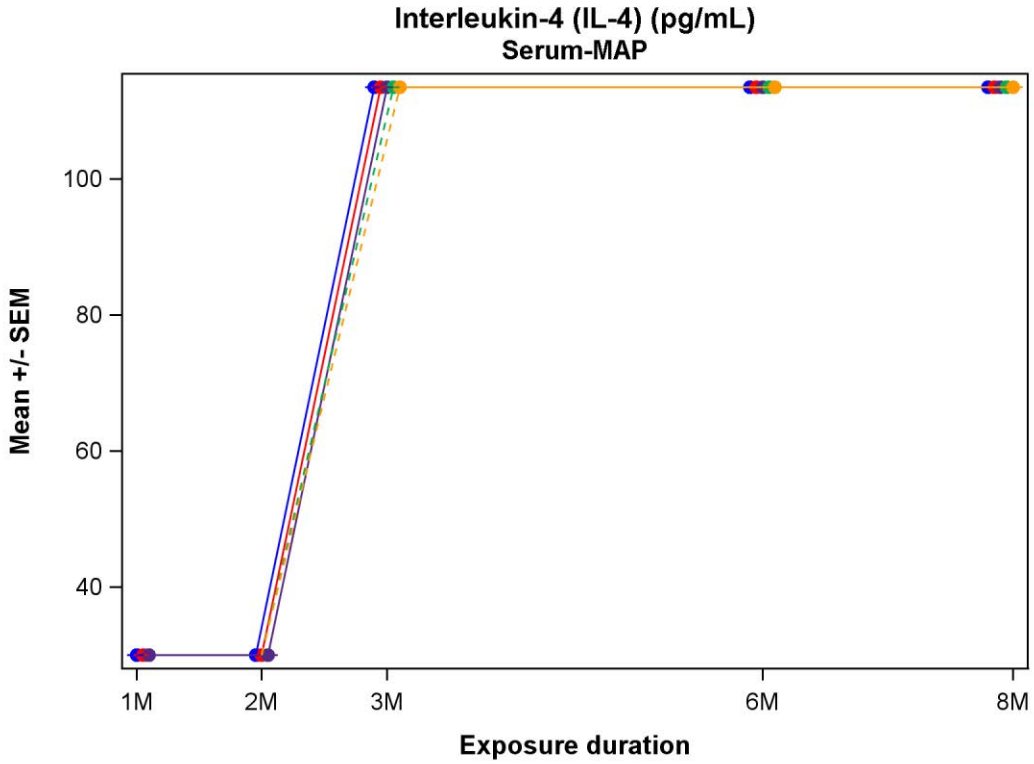
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00			
	3R4F	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00	n.a.		
	THS2.2	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00			
	3R4F	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00	n.a.		
	THS2.2	10	7.50	10	3.75	3.75	3.75	3.75	3.75	3.75	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00			
	3R4F	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	4.00	9	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00			
	3R4F	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00			
	3R4F	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	4.00	9	2.00	2.00	2.00	2.00	23.00	4.10	6.64	2.10	161.97	(-)	(-)	
	switch	10	4.00	10	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	n.a.	n.a.	(-)

Interleukin-3 (IL-3) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-2.10	-6.85	2.65	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-2.10	-6.85	2.65	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	2.10	-2.65	6.85	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-4 (IL-4) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-4 (IL-4) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

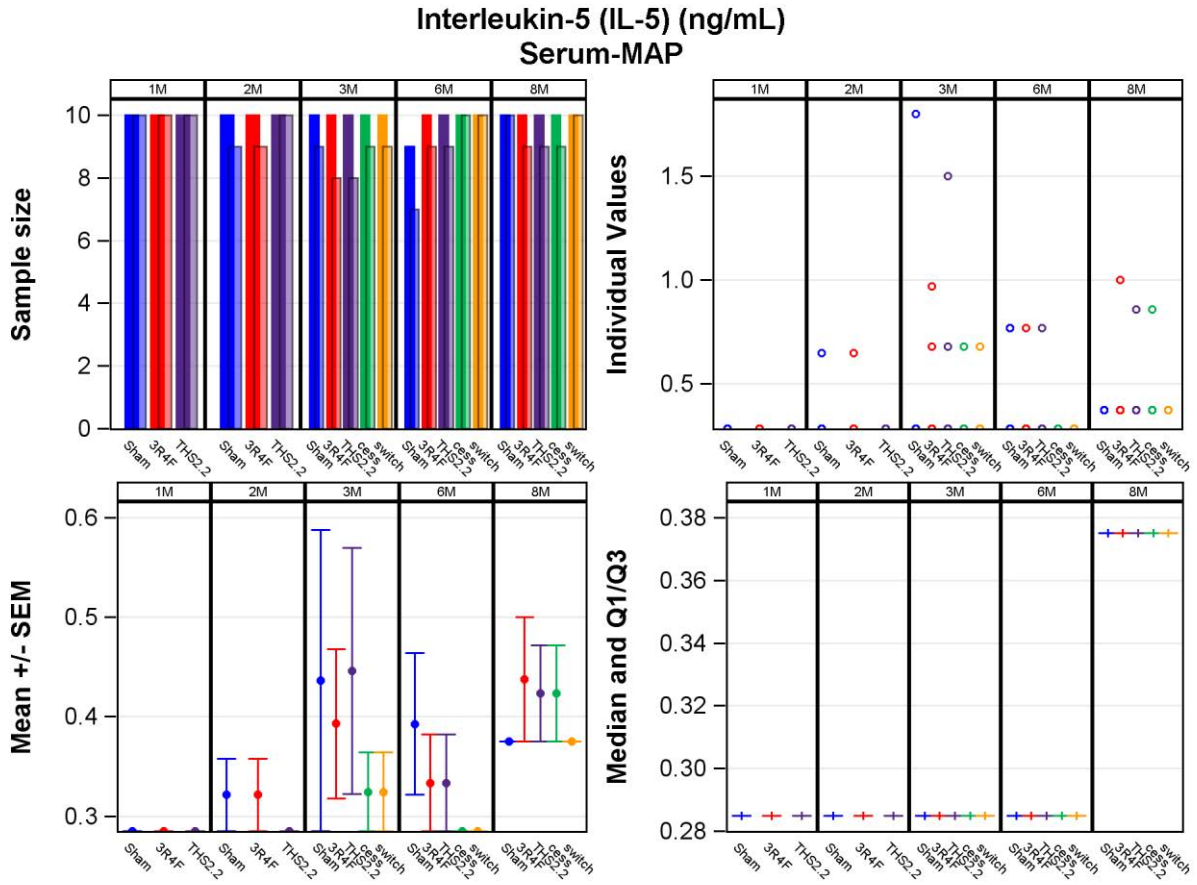
Interleukin-4 (IL-4) (pg/mL)
Serum-MAP

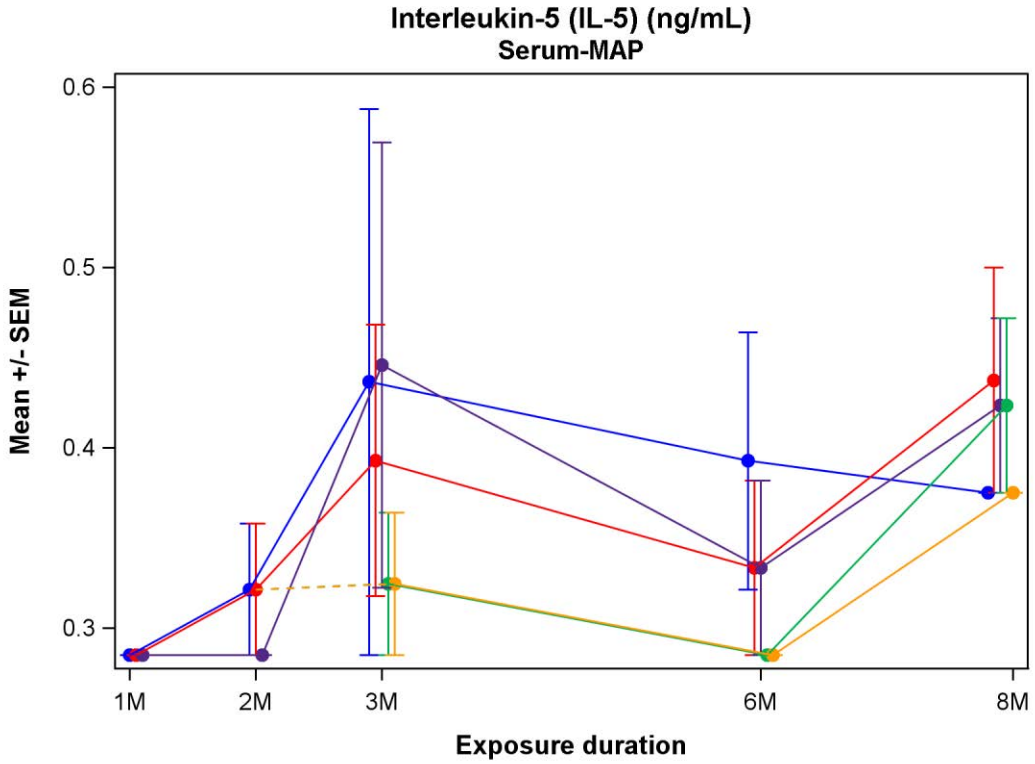
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00			
	3R4F	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00			
	3R4F	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	60.00	10	30.00	30.00	30.00	30.00	30.00	30.00	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00			
	3R4F	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	227.00	9	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00			
	3R4F	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00			
	3R4F	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.		
	THS2.2	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	227.00	10	113.50	113.50	113.50	113.50	113.50	113.50	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-4 (IL-4) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-5 (IL-5) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

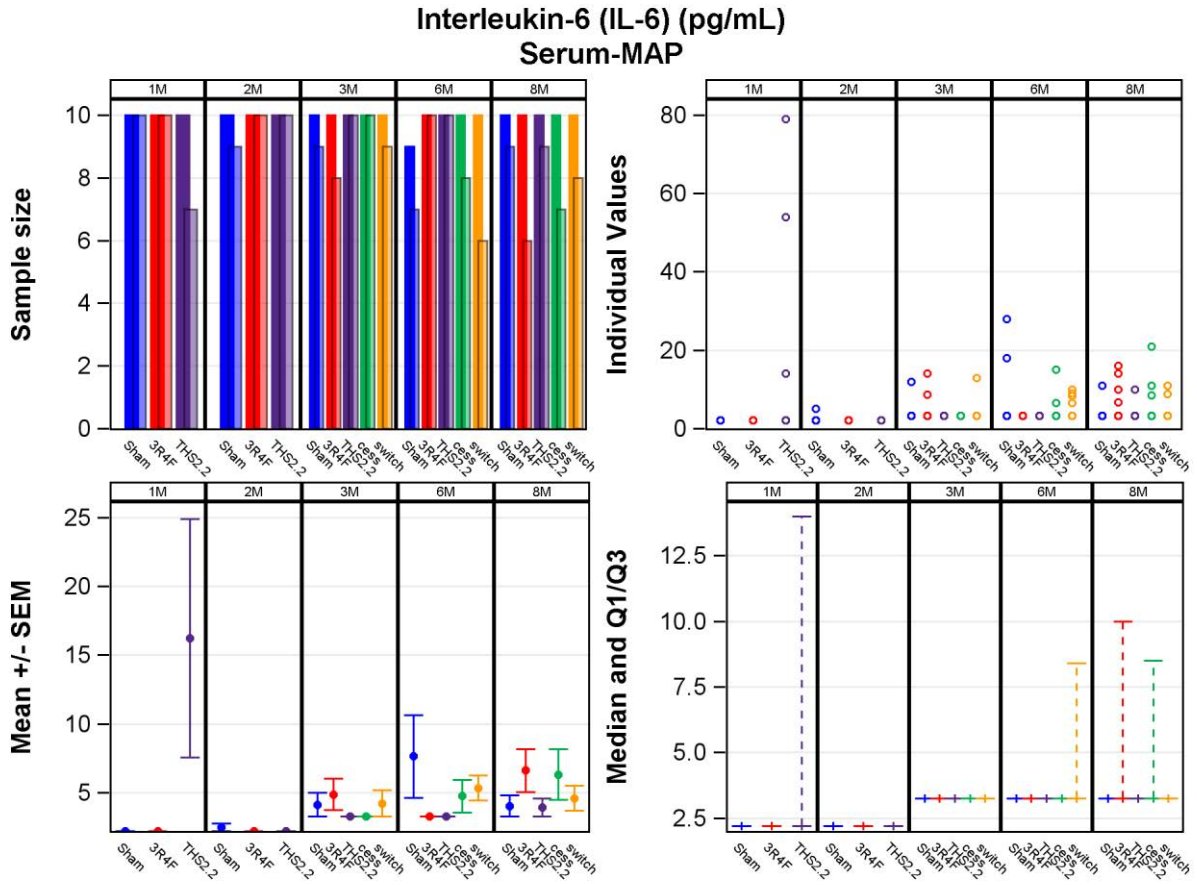

Interleukin-5 (IL-5) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

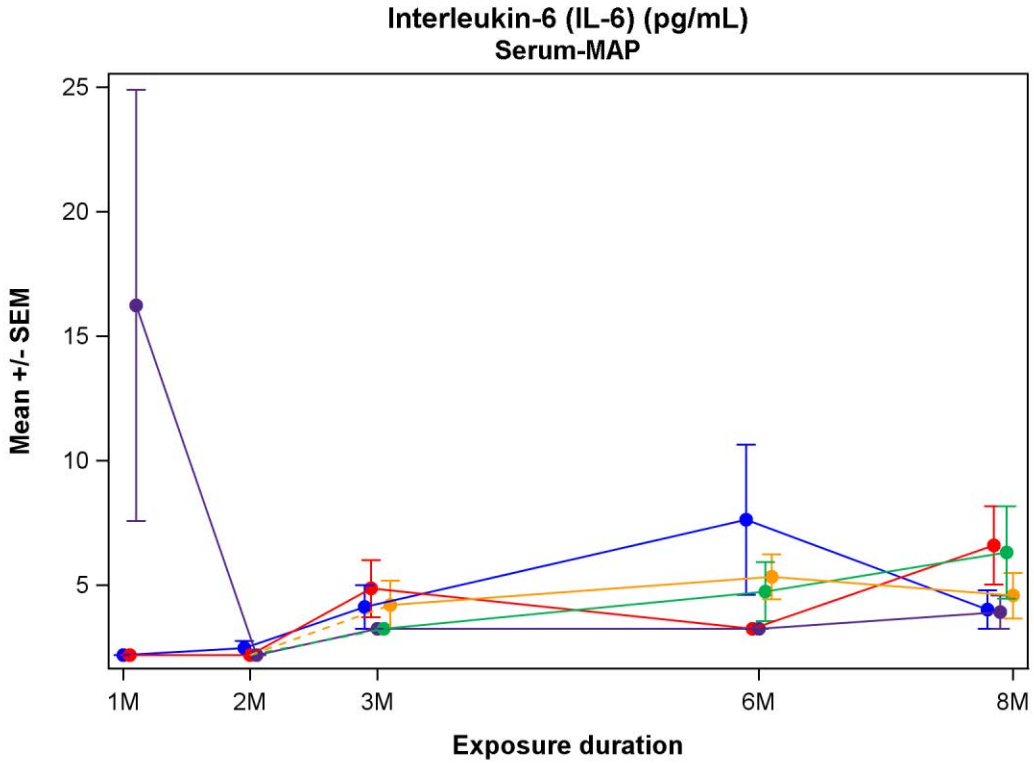
Interleukin-5 (IL-5) (ng/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00			
	3R4F	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.57	9	0.29	0.29	0.29	0.29	0.65	0.32	0.12	0.04	35.90			
	3R4F	10	0.57	9	0.29	0.29	0.29	0.29	0.65	0.32	0.12	0.04	35.90	(-)		
	THS2.2	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.57	9	0.29	0.29	0.29	0.29	1.80	0.44	0.48	0.15	109.76			
	3R4F	10	0.57	8	0.29	0.29	0.29	0.29	0.97	0.39	0.24	0.08	60.49	(-)		
	THS2.2	10	0.57	8	0.29	0.29	0.29	0.29	1.50	0.45	0.39	0.12	87.58	(-)	(-)	
	cess	10	0.57	9	0.29	0.29	0.29	0.29	0.68	0.32	0.12	0.04	38.49	(-)	(-)	
	switch	10	0.57	9	0.29	0.29	0.29	0.29	0.68	0.32	0.12	0.04	38.49	(-)	(-)	(-)
6M	Sham	9	0.57	7	0.29	0.29	0.29	0.29	0.77	0.39	0.21	0.07	54.45			
	3R4F	10	0.57	9	0.29	0.29	0.29	0.29	0.77	0.33	0.15	0.05	45.99	(-)		
	THS2.2	10	0.57	9	0.29	0.29	0.29	0.29	0.77	0.33	0.15	0.05	45.99	(-)	(-)	
	cess	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.57	10	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.75	10	0.38	0.38	0.38	0.38	0.38	0.38	0.00	0.00	0.00			
	3R4F	10	0.75	9	0.38	0.38	0.38	0.38	1.00	0.44	0.20	0.06	45.18	(-)		
	THS2.2	10	0.75	9	0.38	0.38	0.38	0.38	0.86	0.42	0.15	0.05	36.21	(-)	(-)	
	cess	10	0.75	9	0.38	0.38	0.38	0.38	0.86	0.42	0.15	0.05	36.21	(-)	(-)	
	switch	10	0.75	10	0.38	0.38	0.38	0.38	0.38	0.38	0.00	0.00	0.00	n.a.	(-)	(-)

Interleukin-5 (IL-5) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	-0.11	0.11	0.0001	1.0000	1.0000	(-)
	Sham	THS2.2	0.04	-0.05	0.12	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.04	-0.05	0.12	.	0.3434	1.0000	n.a.
3M	Sham	3R4F	0.04	-0.32	0.41	0.0001	0.8010	1.0000	(-)
	Sham	THS2.2	-0.01	-0.42	0.40	0.0001	0.9618	1.0000	(-)
	Sham	cess	0.11	-0.24	0.46	0.0001	0.4904	1.0000	(-)
	Sham	switch	0.11	-0.24	0.46	0.0001	0.4904	1.0000	(-)
	3R4F	THS2.2	-0.05	-0.36	0.26	0.0001	0.7191	1.0000	(-)
	3R4F	cess	0.07	-0.11	0.25	0.0001	0.4337	0.7350	(-)
	3R4F	switch	0.07	-0.11	0.25	0.0001	0.4337	0.7342	(-)
	cess	switch	0.00	-0.12	0.12	0.0001	1.0000	1.0000	(-)
6M	Sham	3R4F	0.06	-0.13	0.24	0.0001	0.5027	0.5836	(-)
	Sham	THS2.2	0.06	-0.13	0.24	0.0001	0.5027	0.5739	(-)
	Sham	cess	0.11	-0.06	0.27	.	0.1690	0.2128	n.a.
	Sham	switch	0.11	-0.06	0.27	.	0.1690	0.2099	n.a.
	3R4F	THS2.2	0.00	-0.14	0.14	0.0001	1.0000	1.0000	(-)
	3R4F	cess	0.05	-0.06	0.16	.	0.3434	1.0000	n.a.
	3R4F	switch	0.05	-0.06	0.16	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	-0.06	-0.20	0.08	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	-0.05	-0.16	0.06	0.0001	0.3434	1.0000	(-)
	Sham	cess	-0.05	-0.16	0.06	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.01	-0.15	0.18	0.0001	0.8616	1.0000	(-)
	3R4F	cess	0.01	-0.15	0.18	0.0001	0.8616	1.0000	(-)
	3R4F	switch	0.06	-0.08	0.20	0.0001	0.3434	1.0000	(-)
	cess	switch	0.05	-0.06	0.16	0.0001	0.3434	1.0000	(-)


Interleukin-6 (IL-6) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

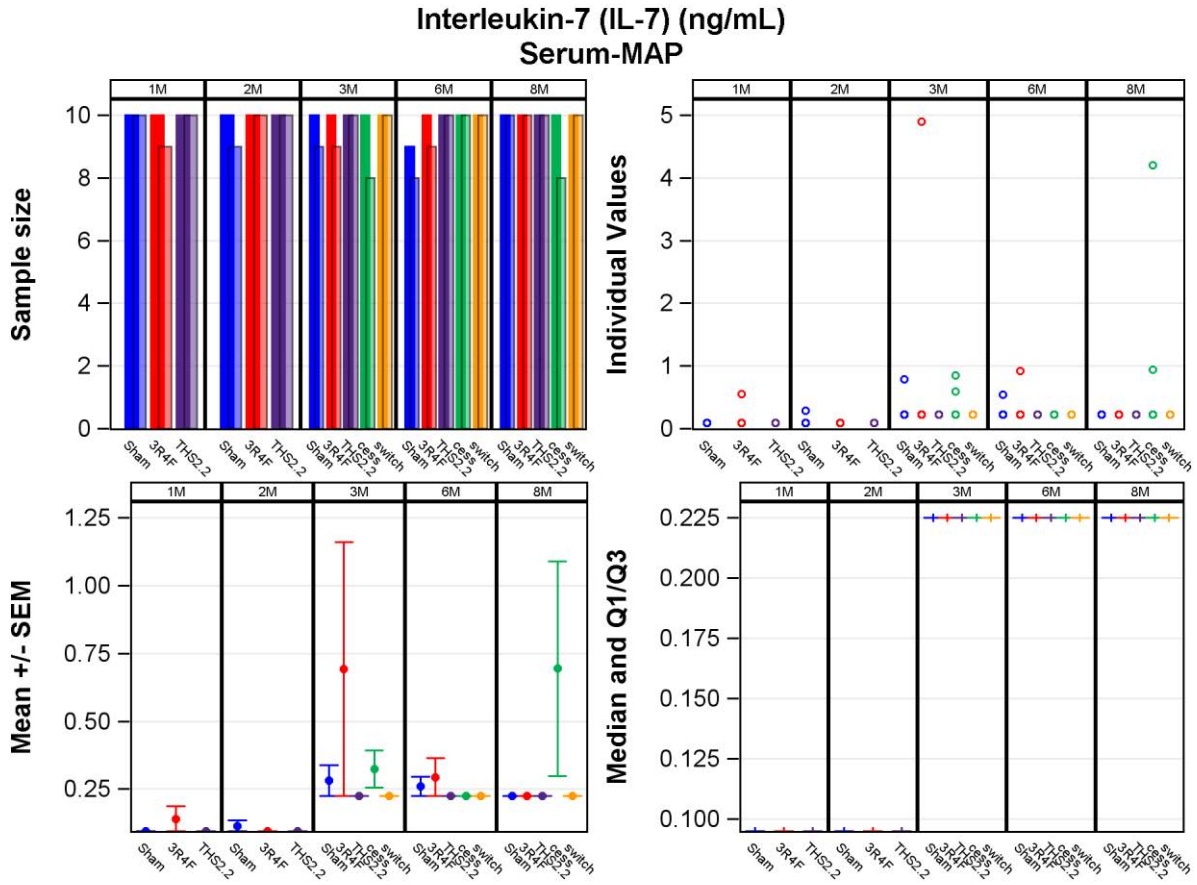

Interleukin-6 (IL-6) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

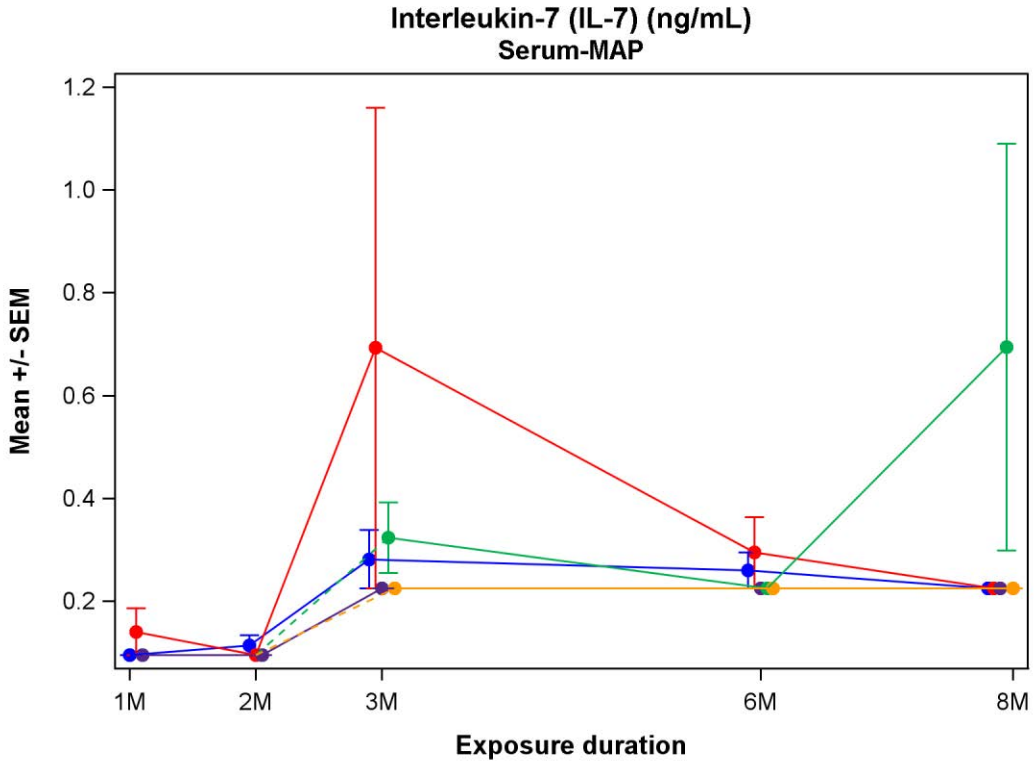
Interleukin-6 (IL-6) (pg/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00			
	3R4F	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.		
	THS2.2	10	4.40	7	2.20	2.20	2.20	14.00	79.00	16.24	27.39	8.66	168.63	n.a.	n.a.	
2M	Sham	10	4.40	9	2.20	2.20	2.20	2.20	5.00	2.48	0.89	0.28	35.70			
	3R4F	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.		
	THS2.2	10	4.40	10	2.20	2.20	2.20	2.20	2.20	2.20	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	6.50	9	3.25	3.25	3.25	3.25	12.00	4.13	2.77	0.88	67.08			
	3R4F	10	6.50	8	3.25	3.25	3.25	3.25	14.00	4.87	3.64	1.15	74.67	(-)		
	THS2.2	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	(-)	(-)	
	cess	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	(-)	(-)	
	switch	10	6.50	9	3.25	3.25	3.25	3.25	13.00	4.23	3.08	0.98	72.98	(-)	(-)	(-)
6M	Sham	9	6.50	7	3.25	3.25	3.25	3.25	28.00	7.64	9.06	3.02	118.61			
	3R4F	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	(-)		
	THS2.2	10	6.50	10	3.25	3.25	3.25	3.25	3.25	3.25	0.00	0.00	0.00	(-)	n.a.	
	cess	10	6.50	8	3.25	3.25	3.25	3.25	15.00	4.75	3.74	1.18	78.81	(-)	(-)	
	switch	10	6.50	6	3.25	3.25	3.25	8.40	10.00	5.34	2.83	0.89	52.98	(-)	(-)	(-)
8M	Sham	10	6.50	9	3.25	3.25	3.25	3.25	11.00	4.03	2.45	0.78	60.89			
	3R4F	10	6.50	6	3.25	3.25	3.25	10.00	16.00	6.62	4.97	1.57	75.03	(-)		
	THS2.2	10	6.50	9	3.25	3.25	3.25	3.25	10.00	3.93	2.13	0.68	54.38	(-)	(-)	
	cess	10	6.50	7	3.25	3.25	3.25	8.50	21.00	6.33	5.85	1.85	92.51	(-)	(-)	
	switch	10	6.50	8	3.25	3.25	3.25	3.25	11.00	4.59	2.87	0.91	62.48	(-)	(-)	(-)

Interleukin-6 (IL-6) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-14.04	-33.63	5.55	.	0.1394	0.2120	n.a.
	3R4F	THS2.2	-14.04	-33.63	5.55	.	0.1394	0.2155	n.a.
2M	Sham	3R4F	0.28	-0.35	0.91	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.28	-0.35	0.91	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.75	-3.80	2.31	0.0001	0.6129	0.7416	(-)
	Sham	THS2.2	0.88	-1.10	2.85	0.0001	0.3434	1.0000	(-)
	Sham	cess	0.88	-1.10	2.85	0.0001	0.3434	1.0000	(-)
	Sham	switch	-0.10	-2.85	2.65	0.0001	0.9400	1.0000	(-)
	3R4F	THS2.2	1.62	-0.98	4.22	0.0001	0.1925	0.4774	(-)
	3R4F	cess	1.62	-0.98	4.22	0.0001	0.1925	0.4687	(-)
	3R4F	switch	0.65	-2.53	3.82	0.0001	0.6740	0.7352	(-)
	cess	switch	-0.97	-3.18	1.23	0.0001	0.3434	1.0000	(-)
6M	Sham	3R4F	4.39	-2.58	11.35	0.0001	0.1842	0.2094	(-)
	Sham	THS2.2	4.39	-2.58	11.35	0.0001	0.1842	0.2046	(-)
	Sham	cess	2.89	-4.30	10.08	0.0001	0.3933	0.6508	(-)
	Sham	switch	2.30	-4.78	9.38	0.0002	0.4833	0.7111	(-)
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-1.50	-4.18	1.18	0.0001	0.2369	0.4706	(-)
	3R4F	switch	-2.09	-4.11	-0.07	0.0016	0.0443	0.0820	(-)
	cess	switch	-0.59	-3.72	2.54	0.0002	0.6959	0.4590	(-)
8M	Sham	3R4F	-2.60	-6.37	1.18	0.0001	0.1620	0.1947	(-)
	Sham	THS2.2	0.10	-2.06	2.26	0.0001	0.9236	1.0000	(-)
	Sham	cess	-2.30	-6.67	2.07	0.0001	0.2738	0.4600	(-)
	Sham	switch	-0.56	-3.08	1.95	0.0001	0.6416	1.0000	(-)
	3R4F	THS2.2	2.70	-1.02	6.41	0.0001	0.1405	0.1943	(-)
	3R4F	cess	0.30	-4.81	5.40	0.0001	0.9046	0.7972	(-)
	3R4F	switch	2.03	-1.85	5.91	0.0001	0.2813	0.3348	(-)
	cess	switch	1.73	-2.71	6.18	0.0001	0.4149	0.6486	(-)


Interleukin-7 (IL-7) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

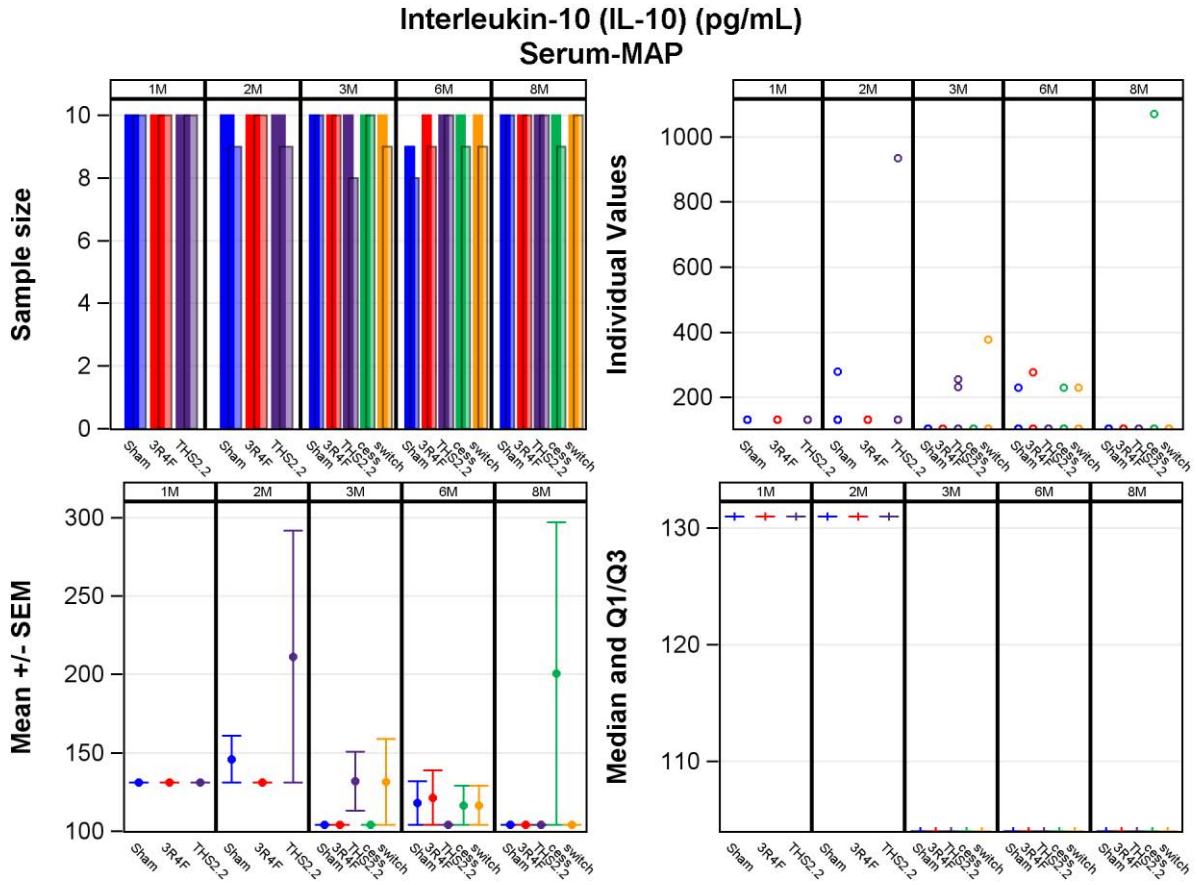

Interleukin-7 (IL-7) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

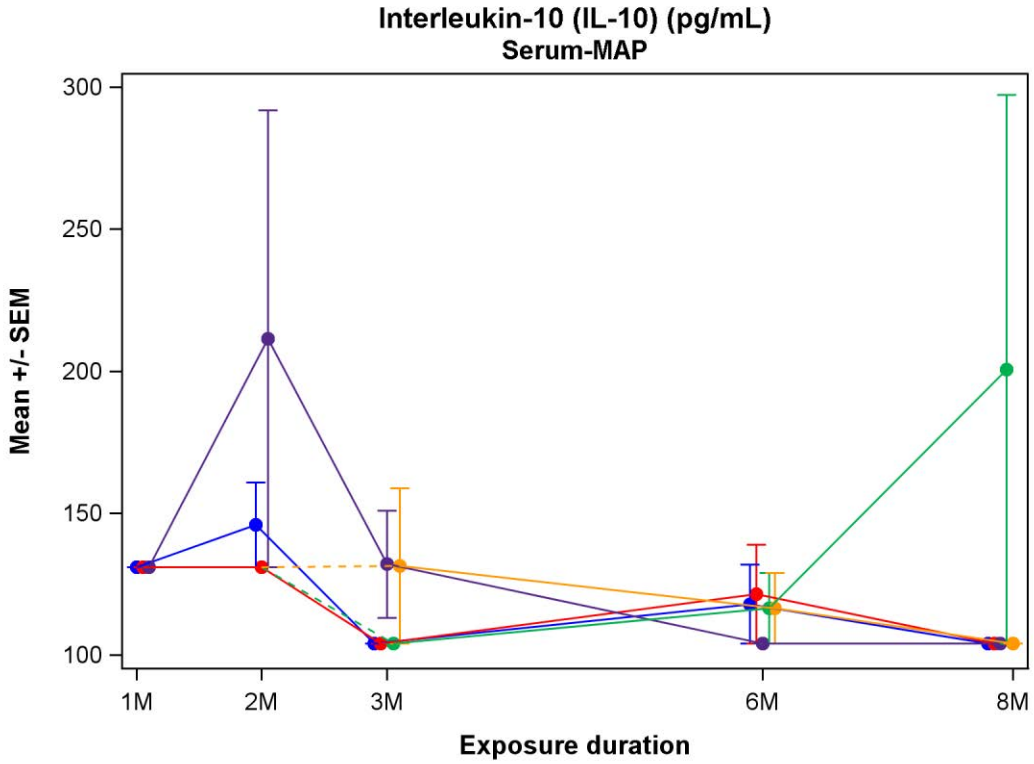
Interleukin-7 (IL-7) (ng/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.19	10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00			
	3R4F	10	0.19	9	0.10	0.10	0.10	0.10	0.55	0.14	0.14	0.05	102.41	n.a.		
	THS2.2	10	0.19	10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.19	9	0.10	0.10	0.10	0.10	0.29	0.11	0.06	0.02	53.86			
	3R4F	10	0.19	10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.19	10	0.10	0.10	0.10	0.10	0.10	0.10	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.45	9	0.23	0.23	0.23	0.23	0.79	0.28	0.18	0.06	63.47			
	3R4F	10	0.45	9	0.23	0.23	0.23	0.23	4.90	0.69	1.48	0.47	213.48	(-)		
	THS2.2	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.45	8	0.23	0.23	0.23	0.23	0.85	0.32	0.22	0.07	67.14	(-)	(-)	
	switch	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.45	8	0.23	0.23	0.23	0.23	0.54	0.26	0.11	0.04	40.38			
	3R4F	10	0.45	9	0.23	0.23	0.23	0.23	0.92	0.29	0.22	0.07	74.63	(-)		
	THS2.2	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00			
	3R4F	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.45	8	0.23	0.23	0.23	0.23	4.20	0.69	1.25	0.40	180.43	n.a.	n.a.	
	switch	10	0.45	10	0.23	0.23	0.23	0.23	0.23	0.23	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-7 (IL-7) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.05	-0.15	0.06	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.05	-0.06	0.15	.	0.3434	1.0000	n.a.
2M	Sham	3R4F	0.02	-0.02	0.06	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.02	-0.02	0.06	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.41	-1.47	0.65	0.0001	0.4048	1.0000	(-)
	Sham	THS2.2	0.06	-0.07	0.18	.	0.3434	1.0000	n.a.
	Sham	cess	-0.04	-0.23	0.15	0.0001	0.6390	0.7396	(-)
	Sham	switch	0.06	-0.07	0.18	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.47	-0.59	1.53	.	0.3434	1.0000	n.a.
	3R4F	cess	0.37	-0.69	1.43	0.0001	0.4547	1.0000	(-)
	3R4F	switch	0.47	-0.59	1.53	.	0.3434	1.0000	n.a.
	cess	switch	0.10	-0.06	0.25	.	0.1839	0.4768	n.a.
6M	Sham	3R4F	-0.03	-0.20	0.13	0.0001	0.6647	1.0000	(-)
	Sham	THS2.2	0.04	-0.05	0.12	.	0.3466	0.4688	n.a.
	Sham	cess	0.04	-0.05	0.12	.	0.3466	0.4717	n.a.
	Sham	switch	0.04	-0.05	0.12	.	0.3466	0.4713	n.a.
	3R4F	THS2.2	0.07	-0.09	0.23	.	0.3434	1.0000	n.a.
	3R4F	cess	0.07	-0.09	0.23	.	0.3434	1.0000	n.a.
	3R4F	switch	0.07	-0.09	0.23	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.47	-1.36	0.43	.	0.2666	0.4884	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.47	-1.36	0.43	.	0.2666	0.4751	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.47	-0.43	1.36	.	0.2666	0.4730	n.a.


Interleukin-10 (IL-10) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-10 (IL-10) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-10 (IL-10) (pg/mL)
Serum-MAP

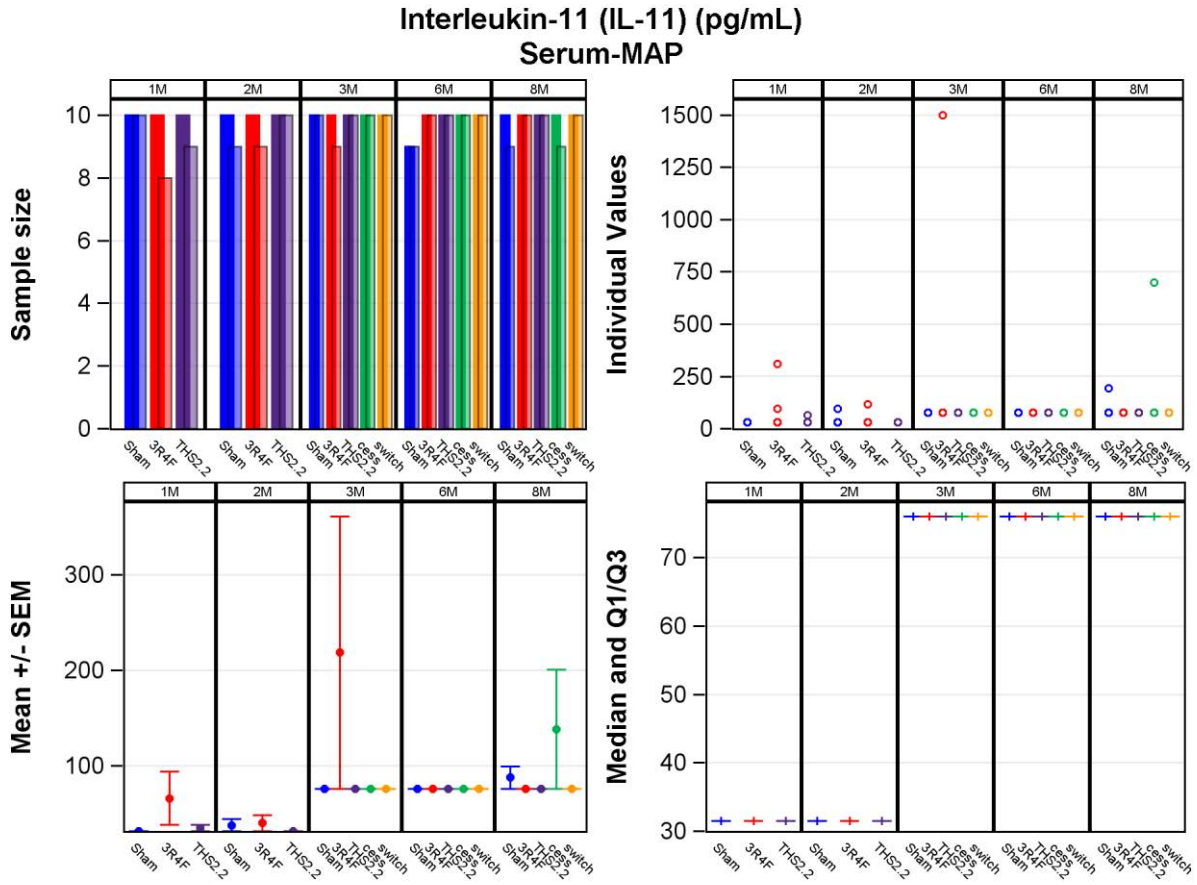
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	262.00	10	131.00	131.00	131.00	131.00	131.00	131.00	0.00	0.00	0.00			
	3R4F	10	262.00	10	131.00	131.00	131.00	131.00	131.00	131.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	262.00	10	131.00	131.00	131.00	131.00	131.00	131.00	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	262.00	9	131.00	131.00	131.00	131.00	280.00	145.90	47.12	14.90	32.29			
	3R4F	10	262.00	10	131.00	131.00	131.00	131.00	131.00	131.00	0.00	0.00	0.00	(-)		
	THS2.2	10	262.00	9	131.00	131.00	131.00	131.00	935.00	211.40	254.25	80.40	120.27	(-)	(-)	
3M	Sham	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00			
	3R4F	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	208.00	8	104.00	104.00	104.00	104.00	256.00	132.00	59.30	18.75	44.92	(-)	(-)	
	cess	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	208.00	9	104.00	104.00	104.00	104.00	378.00	131.40	86.65	27.40	65.94	(-)	(-)	(-)
6M	Sham	9	208.00	8	104.00	104.00	104.00	104.00	229.00	117.89	41.67	13.89	35.34			
	3R4F	10	208.00	9	104.00	104.00	104.00	104.00	278.00	121.40	55.02	17.40	45.32	(-)		
	THS2.2	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	(-)	(-)	
	cess	10	208.00	9	104.00	104.00	104.00	104.00	229.00	116.50	39.53	12.50	33.93	(-)	(-)	
	switch	10	208.00	9	104.00	104.00	104.00	104.00	229.00	116.50	39.53	12.50	33.93	(-)	(-)	(-)
8M	Sham	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00			
	3R4F	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	208.00	9	104.00	104.00	104.00	104.00	1070.0	200.60	305.48	96.60	152.28	(-)	(-)	
	switch	10	208.00	10	104.00	104.00	104.00	104.00	104.00	104.00	0.00	0.00	0.00	n.a.	n.a.	(-)

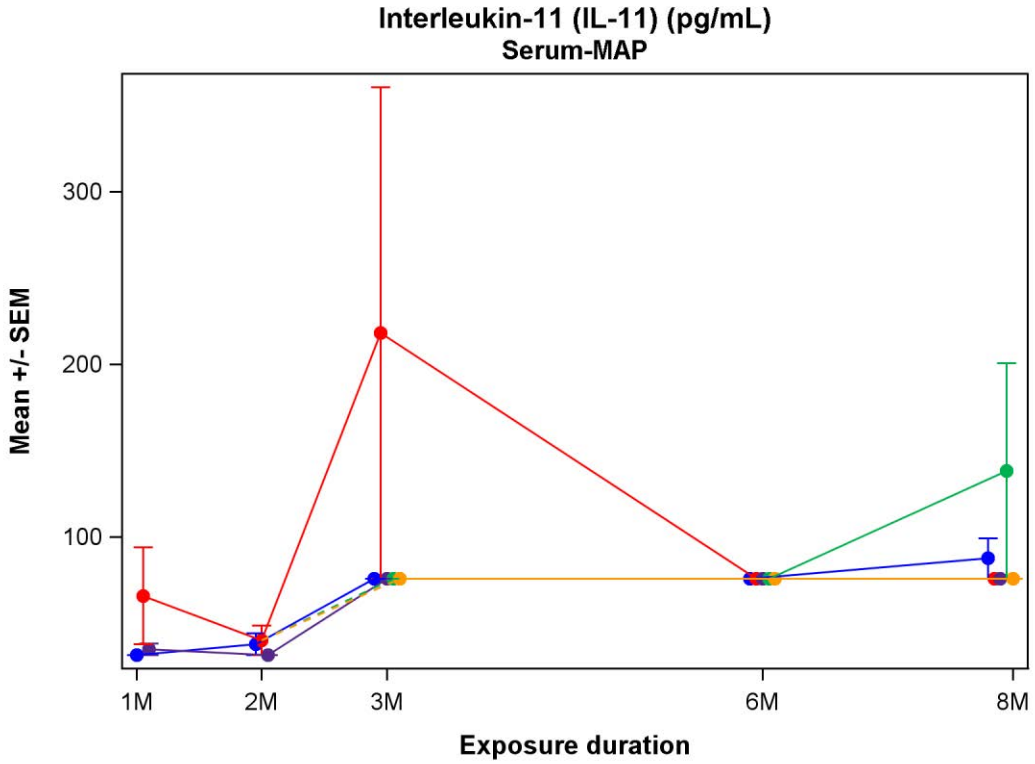
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-10 (IL-10) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	14.90	-18.81	48.61	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	-65.50	-248.7	117.68	0.0001	0.4424	1.0000	(-)
	3R4F	THS2.2	-80.40	-262.3	101.48	0.0001	0.3434	1.0000	(-)
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-28.00	-70.42	14.42	0.0001	0.1696	0.4708	(-)
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	-27.40	-89.38	34.58	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	-28.00	-70.42	14.42	0.0001	0.1696	0.4758	(-)
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	-27.40	-89.38	34.58	0.0001	0.3434	1.0000	(-)
	cess	switch	-27.40	-89.38	34.58	0.0001	0.3434	1.0000	(-)
6M	Sham	3R4F	-3.51	-50.58	43.56	0.0001	0.8766	1.0000	(-)
	Sham	THS2.2	13.89	-18.14	45.92	0.0001	0.3466	0.4644	(-)
	Sham	cess	1.39	-38.12	40.89	0.0001	0.9416	1.0000	(-)
	Sham	switch	1.39	-38.12	40.89	0.0001	0.9416	1.0000	(-)
	3R4F	THS2.2	17.40	-21.96	56.76	0.0001	0.3434	1.0000	(-)
	3R4F	cess	4.90	-40.44	50.24	0.0001	0.8219	1.0000	(-)
	3R4F	switch	4.90	-40.44	50.24	0.0001	0.8219	1.0000	(-)
	cess	switch	0.00	-37.14	37.14	0.0001	1.0000	1.0000	(-)
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-96.60	-315.1	121.92	0.0001	0.3434	1.0000	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-96.60	-315.1	121.92	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	96.60	-121.9	315.12	0.0001	0.3434	1.0000	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-11 (IL-11) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-11 (IL-11) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

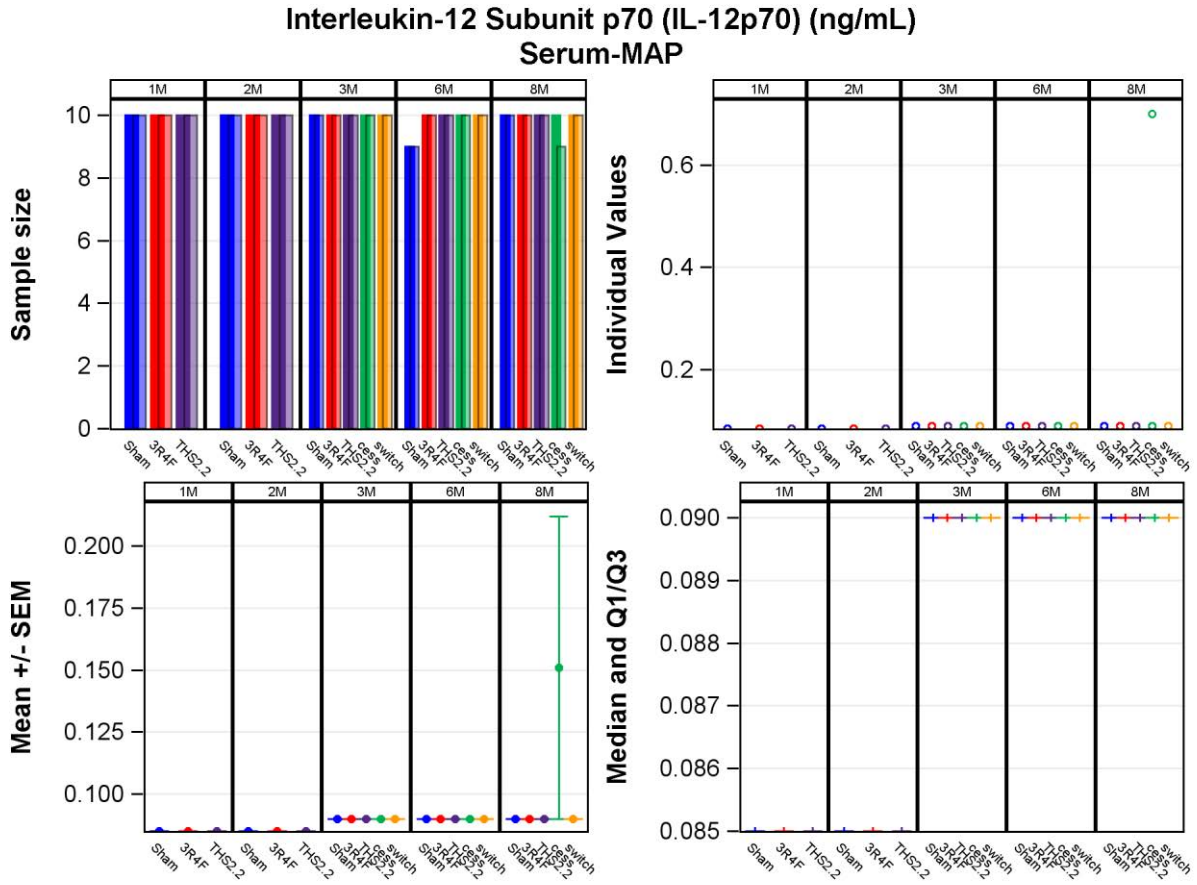
Interleukin-11 (IL-11) (pg/mL)
Serum-MAP

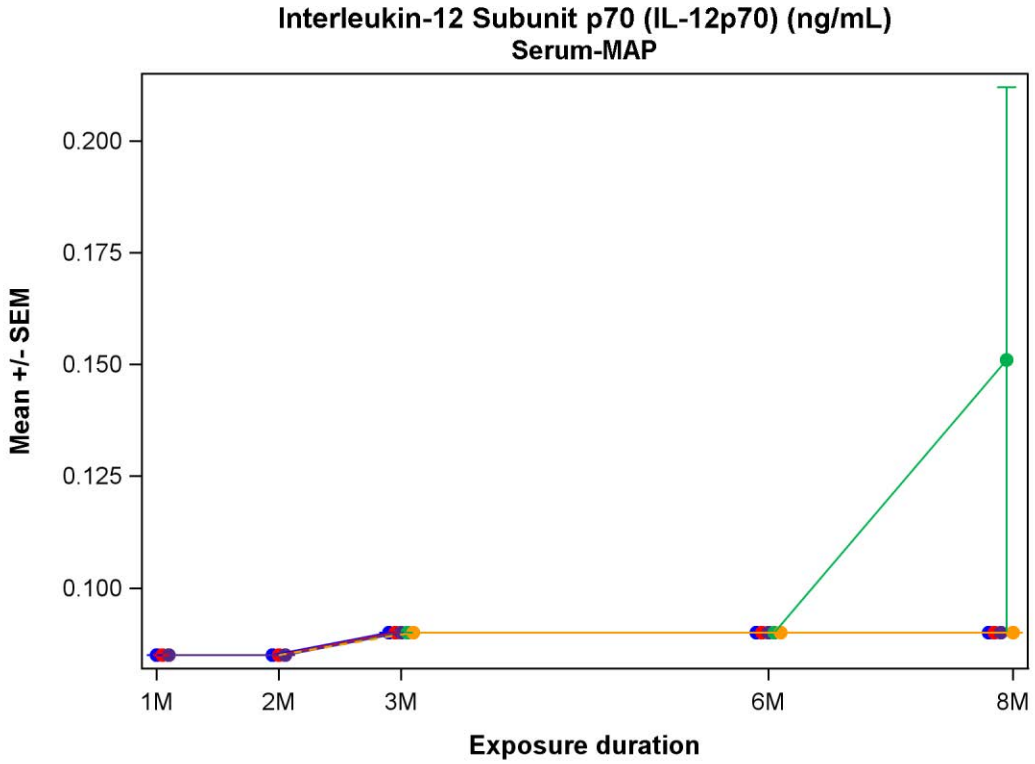
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	63.00	10	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00			
	3R4F	10	63.00	8	31.50	31.50	31.50	31.50	311.00	65.90	88.47	27.98	134.25	(-)		
	THS2.2	10	63.00	9	31.50	31.50	31.50	31.50	65.00	34.85	10.59	3.35	30.40	(-)	(-)	
2M	Sham	10	63.00	9	31.50	31.50	31.50	31.50	95.00	37.85	20.08	6.35	53.05			
	3R4F	10	63.00	9	31.50	31.50	31.50	31.50	117.00	40.05	27.04	8.55	67.51	(-)		
	THS2.2	10	63.00	10	31.50	31.50	31.50	31.50	31.50	31.50	0.00	0.00	0.00	(-)	(-)	
3M	Sham	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00			
	3R4F	10	152.00	9	76.00	76.00	76.00	76.00	1500.0	218.40	450.31	142.40	206.19	(-)		
	THS2.2	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	(-)	
	cess	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	(-)	
	switch	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	(-)	n.a.
6M	Sham	9	152.00	9	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00			
	3R4F	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.		
	THS2.2	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	152.00	9	76.00	76.00	76.00	76.00	192.00	87.60	36.68	11.60	41.87			
	3R4F	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	(-)		
	THS2.2	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	(-)	n.a.	
	cess	10	152.00	9	76.00	76.00	76.00	76.00	700.00	138.40	197.33	62.40	142.58	(-)	(-)	
	switch	10	152.00	10	76.00	76.00	76.00	76.00	76.00	76.00	0.00	0.00	0.00	(-)	n.a.	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-11 (IL-11) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-34.40	-97.69	28.89	0.0001	0.2500	0.4758	(-)
	Sham	THS2.2	-3.35	-10.93	4.23	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	31.05	-32.42	94.52	0.0001	0.2983	0.4743	(-)
2M	Sham	3R4F	-2.20	-24.71	20.31	0.0001	0.8389	1.0000	(-)
	Sham	THS2.2	6.35	-8.01	20.71	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	8.55	-10.79	27.89	0.0001	0.3434	1.0000	(-)
3M	Sham	3R4F	-142.4	-464.5	179.73	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	142.40	-179.7	464.53	0.0001	0.3434	1.0000	(-)
	3R4F	cess	142.40	-179.7	464.53	0.0001	0.3434	1.0000	(-)
	3R4F	switch	142.40	-179.7	464.53	0.0001	0.3434	1.0000	(-)
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	11.60	-14.64	37.84	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	11.60	-14.64	37.84	0.0001	0.3434	1.0000	(-)
	Sham	cess	-50.80	-193.0	91.38	0.0001	0.4428	1.0000	(-)
	Sham	switch	11.60	-14.64	37.84	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-62.40	-203.6	78.76	0.0001	0.3434	1.0000	(-)
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	62.40	-78.76	203.56	0.0001	0.3434	1.0000	(-)


Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

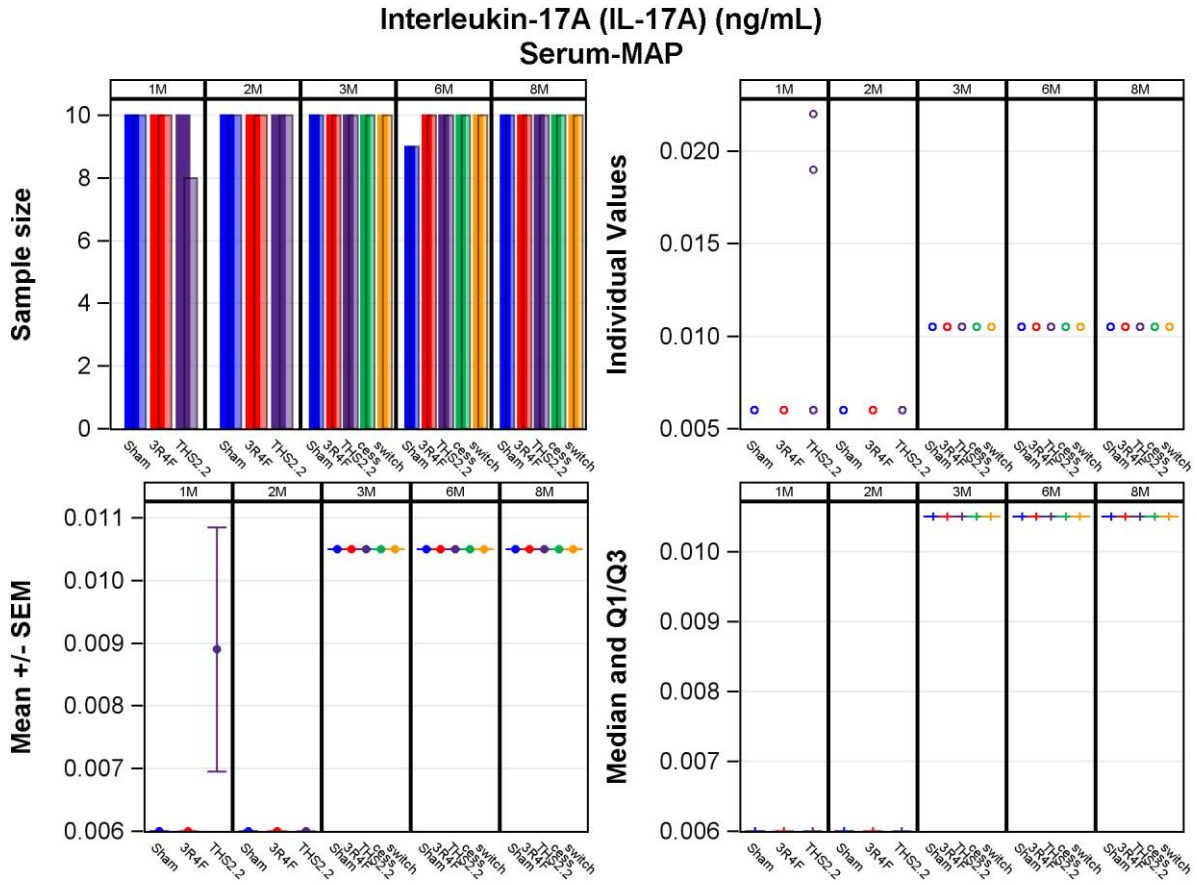

Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
Serum-MAP
Mean +/- SEM
0.200
0.175
0.150
0.125
0.100
1M
2M
3M
6M
8M
Exposure duration

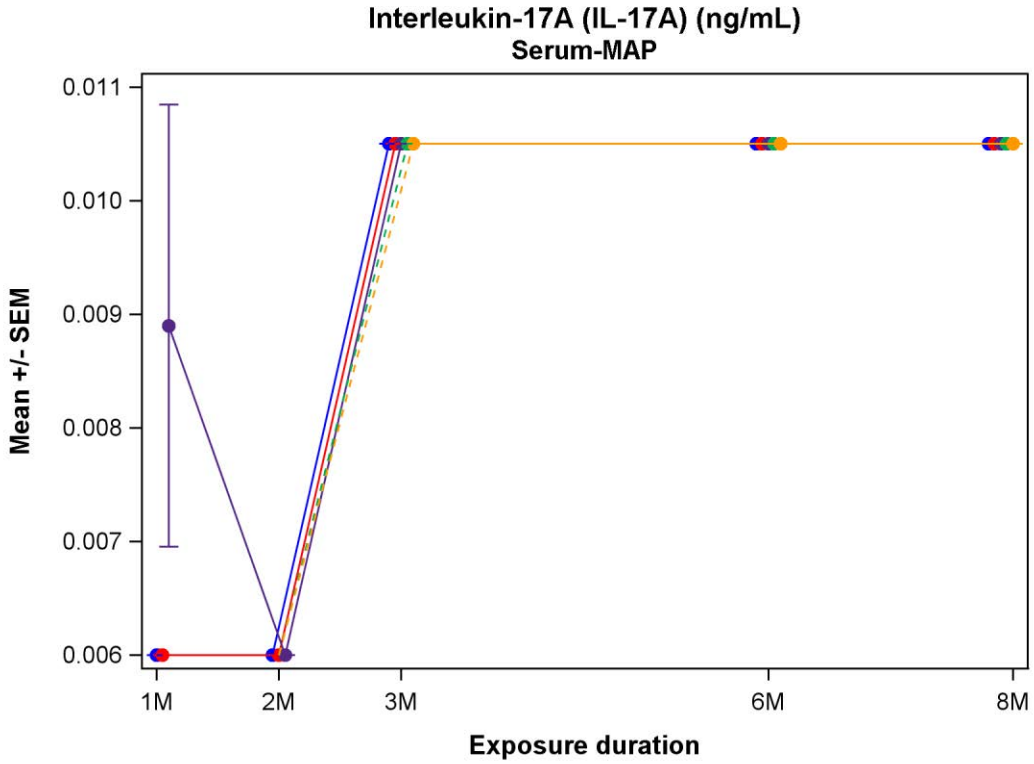
Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.18	9	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.18	9	0.09	0.09	0.09	0.09	0.70	0.15	0.19	0.06	127.75	n.a.	n.a.	
	switch	10	0.18	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	n.a.

Interleukin-12 Subunit p70 (IL-12p70) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.06	-0.20	0.08	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.06	-0.20	0.08	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.06	-0.08	0.20	.	0.3434	1.0000	n.a.


Interleukin-17A (IL-17A) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-17A (IL-17A) (ng/mL)
Serum-MAP
Mean +/- SEM
0.011
0.010
0.009
0.008
0.007
0.006
1M
2M
3M
6M
8M
Exposure duration

Interleukin-17A (IL-17A) (ng/mL)
Serum-MAP

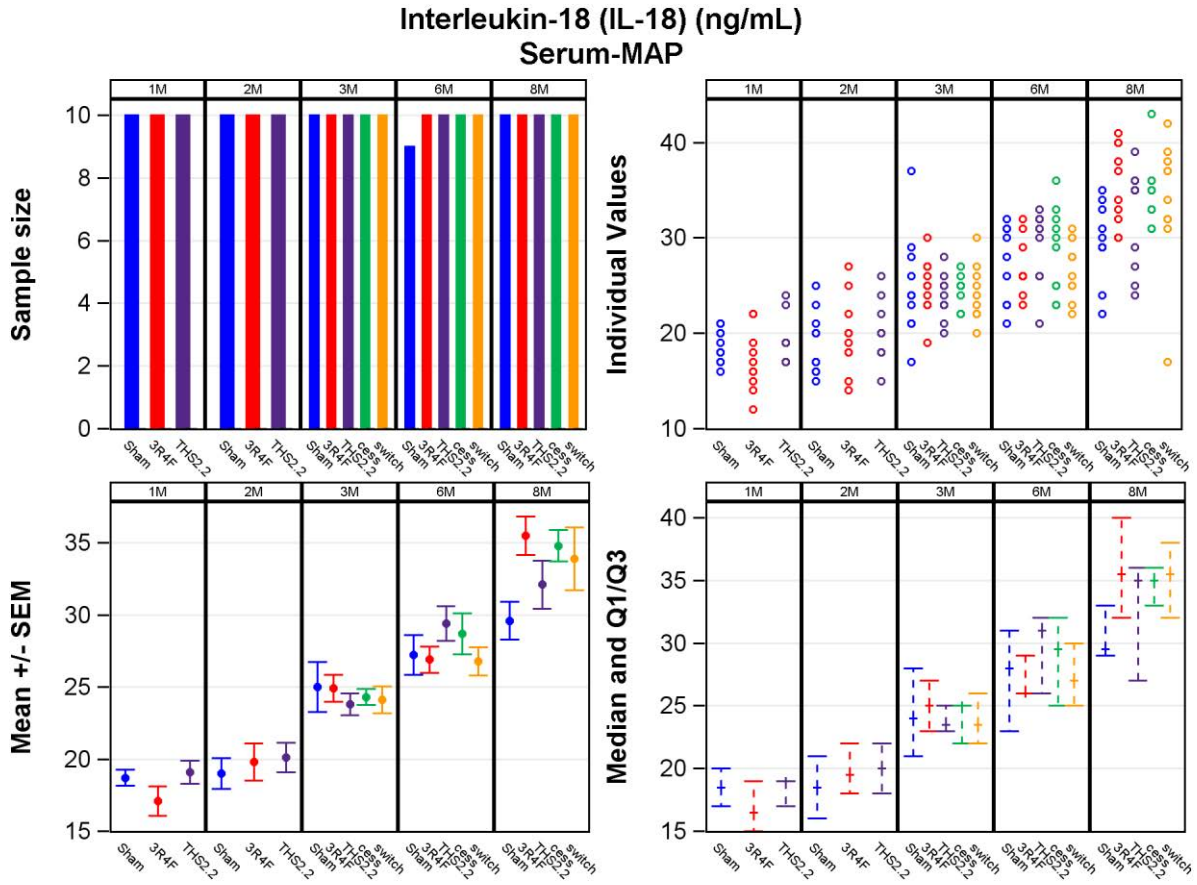
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.01	8	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.00	69.15	n.a.	n.a.	
2M	Sham	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.01	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.02	9	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00			
	3R4F	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.02	10	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	n.a.	n.a.	n.a.

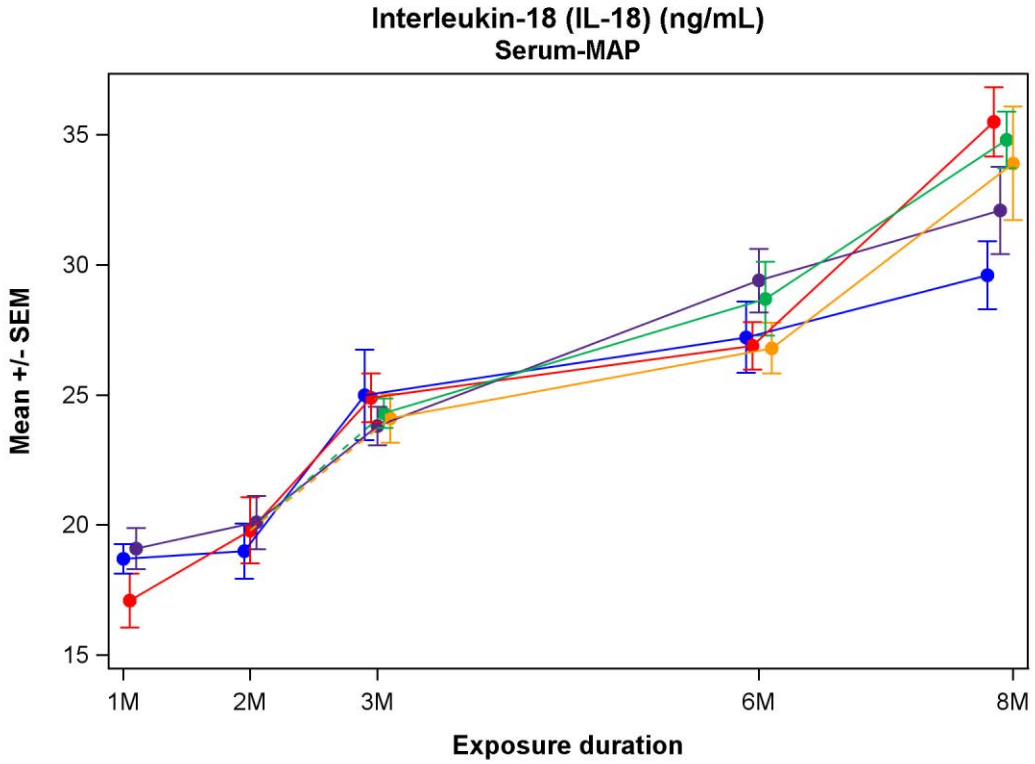
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-17A (IL-17A) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	-0.00	-0.01	0.00	.	0.1704	0.4835	n.a.
	3R4F	THS2.2	-0.00	-0.01	0.00	.	0.1704	0.4711	n.a.
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Interleukin-18 (IL-18) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Interleukin-18 (IL-18) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Interleukin-18 (IL-18) (ng/mL)
Serum-MAP

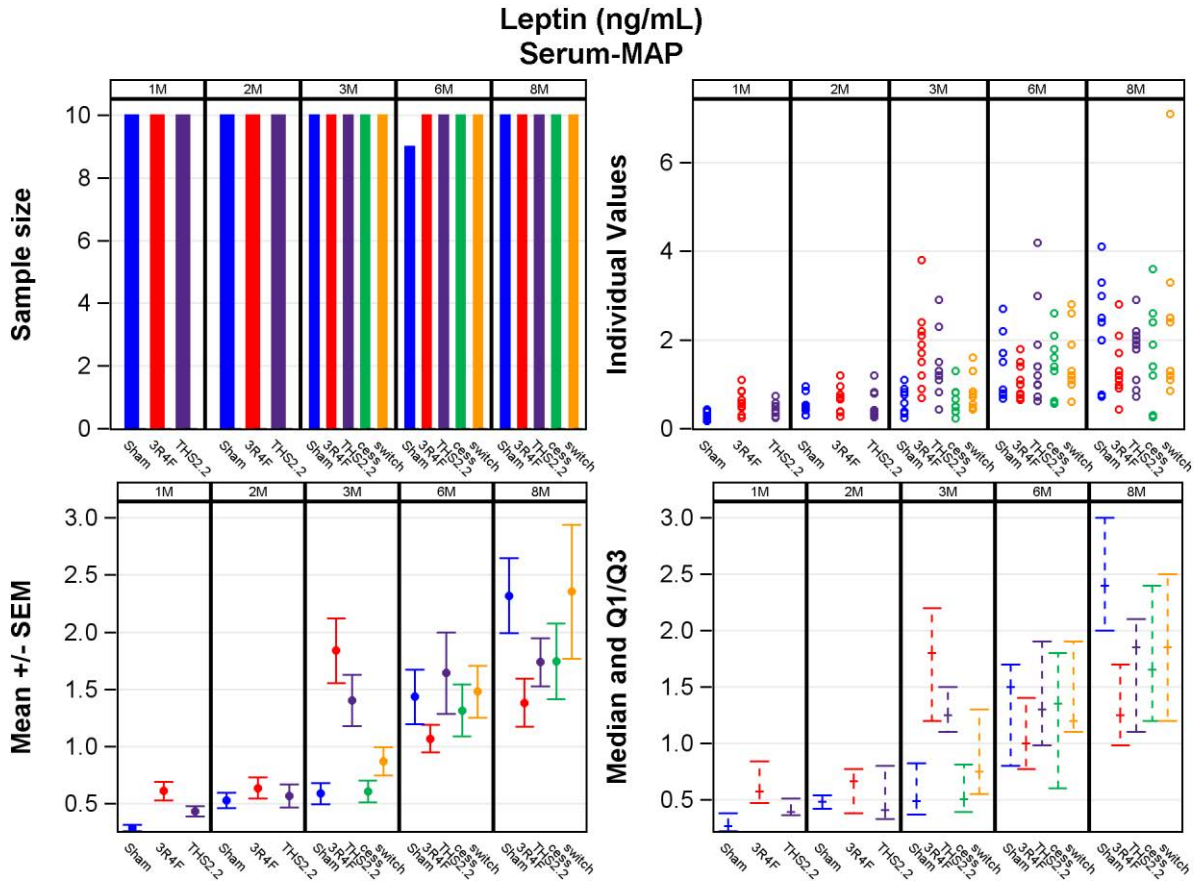
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	9.50	0	16.00	17.00	18.50	20.00	21.00	18.70	1.77	0.56	9.45			
	3R4F	10	9.50	0	12.00	15.00	16.50	19.00	22.00	17.10	3.25	1.03	18.99	-		
	THS2.2	10	9.50	0	17.00	17.00	19.00	19.00	24.00	19.10	2.51	0.80	13.16	-	-	
2M	Sham	10	9.50	0	15.00	16.00	18.50	21.00	25.00	19.00	3.33	1.05	17.54			
	3R4F	10	9.50	0	14.00	18.00	19.50	22.00	27.00	19.80	4.05	1.28	20.45	-		
	THS2.2	10	9.50	0	15.00	18.00	20.00	22.00	26.00	20.10	3.21	1.02	15.98	-	-	
3M	Sham	10	9.50	0	17.00	21.00	24.00	28.00	37.00	25.00	5.50	1.74	21.99			
	3R4F	10	9.50	0	19.00	23.00	25.00	27.00	30.00	24.90	2.96	0.94	11.89	-		
	THS2.2	10	9.50	0	20.00	23.00	23.50	25.00	28.00	23.80	2.35	0.74	9.86	-	-	
	cess	10	9.50	0	22.00	22.00	25.00	25.00	27.00	24.30	1.77	0.56	7.27	-	-	
	switch	10	9.50	0	20.00	22.00	23.50	26.00	30.00	24.10	2.96	0.94	12.29	-	-	-
6M	Sham	9	9.50	0	21.00	23.00	28.00	31.00	32.00	27.22	4.12	1.37	15.12			
	3R4F	10	9.50	0	23.00	26.00	26.00	29.00	32.00	26.90	2.88	0.91	10.72	-		
	THS2.2	10	9.50	0	21.00	26.00	31.00	32.00	33.00	29.40	3.84	1.21	13.05	(-)	-	
	cess	10	9.50	0	23.00	25.00	29.50	32.00	36.00	28.70	4.50	1.42	15.67	-	-	
	switch	10	9.50	0	22.00	25.00	27.00	30.00	31.00	26.80	3.08	0.98	11.51	-	-	-
8M	Sham	10	5.70	0	22.00	29.00	29.50	33.00	35.00	29.60	4.12	1.30	13.90			
	3R4F	10	5.70	0	30.00	32.00	35.50	40.00	41.00	35.50	4.22	1.34	11.90	**		
	THS2.2	10	5.70	0	24.00	27.00	35.00	36.00	39.00	32.10	5.32	1.68	16.58	-	(-)	
	cess	10	5.70	0	31.00	33.00	35.00	36.00	43.00	34.80	3.43	1.08	9.84	**	-	
	switch	10	5.70	0	17.00	32.00	35.50	38.00	42.00	33.90	6.90	2.18	20.36	-	-	-

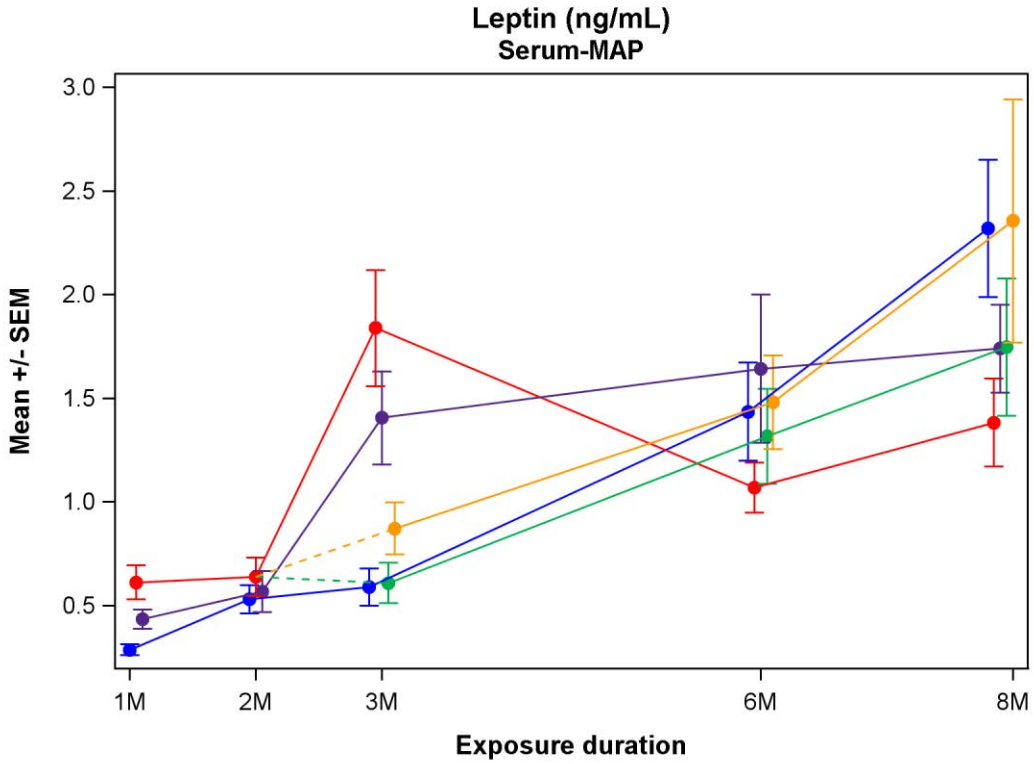
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Interleukin-18 (IL-18) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	1.60	-0.91	4.11	0.3217	0.1928	0.1970	-
	Sham	THS2.2	-0.40	-2.46	1.66	0.1675	0.6860	1.0000	-
	3R4F	THS2.2	-2.00	-4.74	0.74	0.0602	0.1420	0.1009	-
2M	Sham	3R4F	-0.80	-4.29	2.69	0.3409	0.6356	0.7240	-
	Sham	THS2.2	-1.10	-4.18	1.98	0.3107	0.4622	0.4481	-
	3R4F	THS2.2	-0.30	-3.75	3.15	0.3731	0.8565	0.8334	-
3M	Sham	3R4F	0.10	-4.14	4.34	0.7512	0.9603	0.7516	-
	Sham	THS2.2	1.20	-2.91	5.31	0.6144	0.5373	0.7002	-
	Sham	cess	0.70	-3.33	4.73	0.4535	0.7089	0.9221	-
	Sham	switch	0.90	-3.34	5.14	0.1835	0.6556	0.8426	-
	3R4F	THS2.2	1.10	-1.42	3.62	0.8297	0.3701	0.3506	-
	3R4F	cess	0.60	-1.73	2.93	0.6172	0.5904	0.4935	-
	3R4F	switch	0.80	-1.98	3.58	0.8639	0.5533	0.4135	-
	cess	switch	0.20	-2.13	2.53	0.3656	0.8570	0.7376	-
6M	Sham	3R4F	0.32	-3.21	3.85	0.2982	0.8477	0.8758	-
	Sham	THS2.2	-2.18	-6.05	1.70	0.0299	0.2513	0.1826	(-)
	Sham	cess	-1.48	-5.65	2.69	0.1645	0.4649	0.4784	-
	Sham	switch	0.42	-3.17	4.02	0.1295	0.8054	0.6741	-
	3R4F	THS2.2	-2.50	-5.71	0.71	0.8163	0.1182	0.0790	-
	3R4F	cess	-1.80	-5.40	1.80	0.2450	0.3033	0.5351	-
	3R4F	switch	0.10	-2.71	2.91	0.3106	0.9411	0.8673	-
	cess	switch	1.90	-1.76	5.56	0.3435	0.2870	0.3180	-
8M	Sham	3R4F	-5.90	-9.82	-1.98	0.2559	0.0054	0.0093	**
	Sham	THS2.2	-2.50	-6.99	1.99	0.1397	0.2562	0.1965	-
	Sham	cess	-5.20	-8.77	-1.63	0.6471	0.0068	0.0042	**
	Sham	switch	-4.30	-9.73	1.13	0.0602	0.1118	0.0266	-
	3R4F	THS2.2	3.40	-1.13	7.93	0.0355	0.1318	0.1811	(-)
	3R4F	cess	0.70	-2.92	4.32	0.3442	0.6889	0.7832	-
	3R4F	switch	1.60	-3.86	7.06	0.2476	0.5413	0.7764	-
	cess	switch	0.90	-4.36	6.16	0.2874	0.7178	0.7755	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Leptin (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Leptin (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Leptin (ng/mL)
Serum-MAP

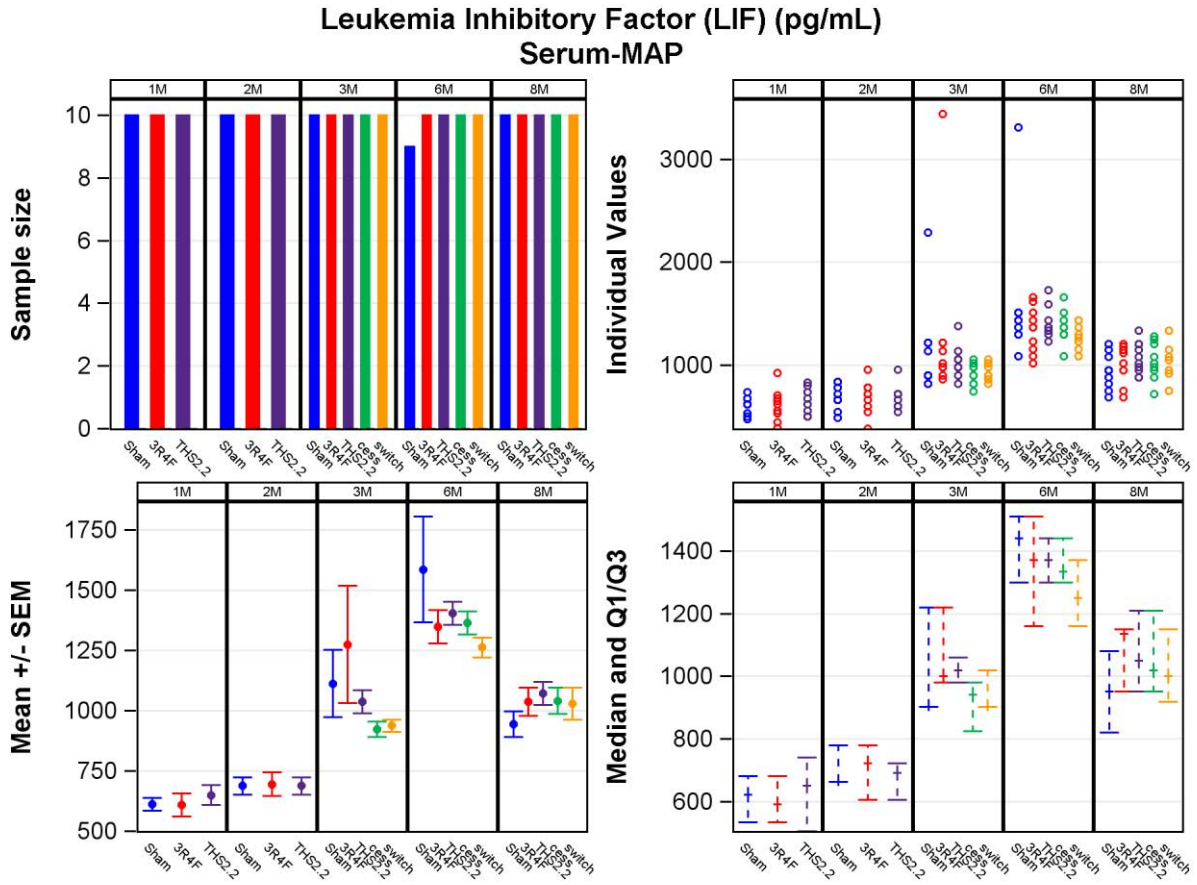
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.05	0	0.18	0.22	0.27	0.38	0.43	0.29	0.08	0.03	29.27			
	3R4F	10	0.05	0	0.24	0.47	0.58	0.84	1.10	0.61	0.26	0.08	42.58	**		
	THS2.2	10	0.05	0	0.25	0.36	0.39	0.51	0.74	0.44	0.15	0.05	33.96	*	-	
2M	Sham	10	0.05	0	0.30	0.42	0.48	0.54	0.96	0.53	0.22	0.07	40.53			
	3R4F	10	0.05	0	0.28	0.38	0.67	0.77	1.20	0.64	0.29	0.09	45.82	-		
	THS2.2	10	0.05	0	0.26	0.33	0.41	0.80	1.20	0.57	0.31	0.10	54.90	(-)	-	
3M	Sham	10	0.05	0	0.25	0.37	0.49	0.82	1.10	0.59	0.29	0.09	48.61			
	3R4F	10	0.05	0	0.69	1.20	1.80	2.20	3.80	1.84	0.89	0.28	48.41	**		
	THS2.2	10	0.05	0	0.43	1.10	1.25	1.50	2.90	1.41	0.71	0.22	50.43	**	-	
	cess	10	0.05	0	0.23	0.39	0.51	0.81	1.30	0.61	0.31	0.10	50.48	-	+++	
	switch	10	0.05	0	0.44	0.55	0.75	1.30	1.60	0.87	0.39	0.12	45.29	(-)	**	-
6M	Sham	9	0.05	0	0.68	0.80	1.50	1.70	2.70	1.44	0.71	0.24	49.67			
	3R4F	10	0.05	0	0.65	0.77	1.00	1.40	1.80	1.07	0.38	0.12	35.88	(-)		
	THS2.2	10	0.05	0	0.62	0.98	1.30	1.90	4.20	1.64	1.13	0.36	68.88	(-)	(-)	
	cess	10	0.05	0	0.56	0.60	1.35	1.80	2.60	1.32	0.72	0.23	54.89	(-)	(-)	
	switch	10	0.05	0	0.61	1.10	1.20	1.90	2.80	1.48	0.72	0.23	48.47	(-)	(-)	-
8M	Sham	10	0.05	0	0.72	2.00	2.40	3.00	4.10	2.32	1.04	0.33	45.01			
	3R4F	10	0.05	0	0.44	0.98	1.25	1.70	2.80	1.38	0.67	0.21	48.36	*		
	THS2.2	10	0.05	0	0.72	1.10	1.85	2.10	2.90	1.74	0.67	0.21	38.31	-	-	
	cess	10	0.05	0	0.26	1.20	1.65	2.40	3.60	1.75	1.05	0.33	59.89	-	-	
	switch	10	0.05	0	0.85	1.20	1.85	2.50	7.10	2.36	1.85	0.59	78.62	-	(-)	-

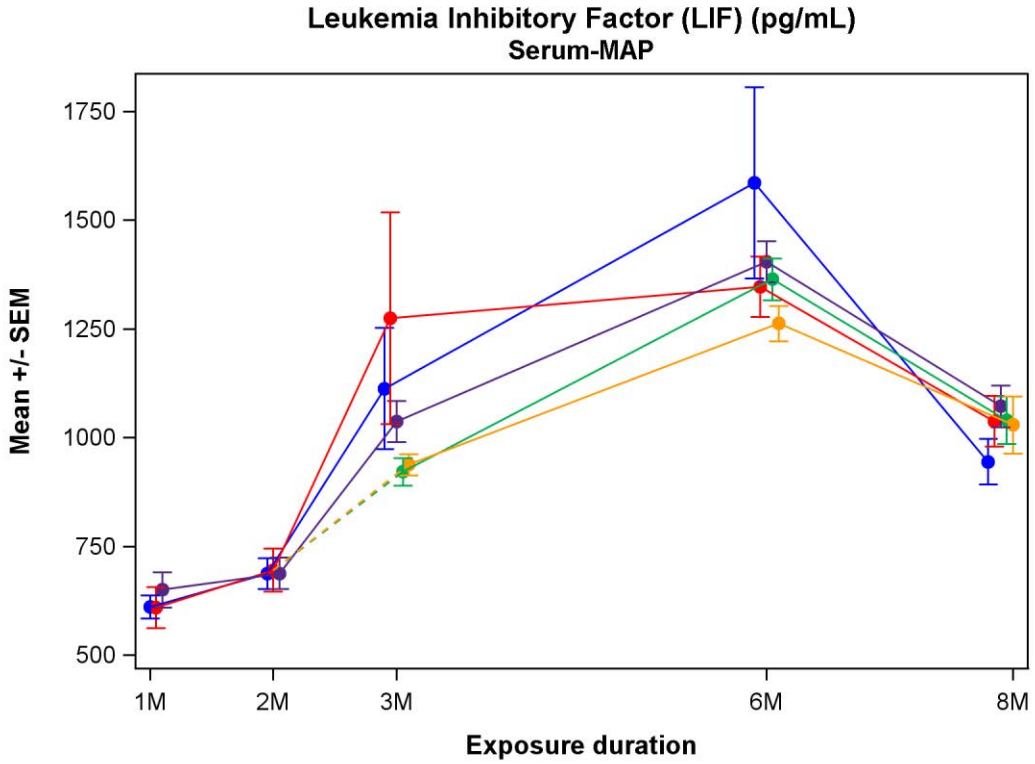
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Leptin (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.32	-0.51	-0.13	0.2815	0.0033	0.0011	**
	Sham	THS2.2	-0.15	-0.26	-0.03	0.1640	0.0159	0.0221	*
	3R4F	THS2.2	0.18	-0.03	0.38	0.3236	0.0824	0.1191	-
2M	Sham	3R4F	-0.11	-0.35	0.13	0.0560	0.3609	0.5974	-
	Sham	THS2.2	-0.04	-0.29	0.22	0.0150	0.7555	0.6518	(-)
	3R4F	THS2.2	0.07	-0.21	0.35	0.0509	0.6115	0.7518	-
3M	Sham	3R4F	-1.25	-1.90	-0.60	0.2288	0.0015	0.0004	**
	Sham	THS2.2	-0.82	-1.34	-0.29	0.1527	0.0056	0.0004	**
	Sham	cess	-0.02	-0.30	0.26	0.0768	0.8820	0.8690	-
	Sham	switch	-0.28	-0.61	0.04	0.0360	0.0848	0.0986	(-)
	3R4F	THS2.2	0.43	-0.33	1.19	0.0729	0.2462	0.2542	-
	3R4F	cess	1.23	0.57	1.88	0.0495	0.0016	0.0003	+++
	3R4F	switch	0.97	0.30	1.63	0.1686	0.0083	0.0056	**
	cess	switch	-0.26	-0.60	0.07	0.0581	0.1149	0.1179	-
6M	Sham	3R4F	0.37	-0.22	0.95	0.0482	0.1959	0.3237	(-)
	Sham	THS2.2	-0.21	-1.12	0.71	0.0277	0.6375	0.9542	(-)
	Sham	cess	0.12	-0.58	0.82	0.0224	0.7214	0.4287	(-)
	Sham	switch	-0.05	-0.74	0.65	0.0475	0.8917	0.8221	(-)
	3R4F	THS2.2	-0.57	-1.40	0.26	0.0143	0.1580	0.3549	(-)
	3R4F	cess	-0.25	-0.80	0.31	0.0445	0.3581	0.8365	(-)
	3R4F	switch	-0.41	-0.96	0.14	0.0247	0.1331	0.1650	(-)
	cess	switch	-0.16	-0.84	0.51	0.0606	0.6146	0.7279	-
8M	Sham	3R4F	0.94	0.10	1.77	0.5244	0.0302	0.0611	*
	Sham	THS2.2	0.58	-0.25	1.41	0.1781	0.1588	0.1114	-
	Sham	cess	0.57	-0.41	1.55	0.3056	0.2368	0.2399	-
	Sham	switch	-0.04	-1.48	1.40	0.1525	0.9580	0.8020	-
	3R4F	THS2.2	-0.36	-0.98	0.27	0.7606	0.2485	0.2700	-
	3R4F	cess	-0.36	-1.20	0.47	0.3838	0.3684	0.3347	-
	3R4F	switch	-0.97	-2.34	0.39	0.0067	0.1460	0.1842	(-)
	cess	switch	-0.61	-2.05	0.83	0.1167	0.3810	0.7555	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Leukemia Inhibitory Factor (LIF) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Leukemia Inhibitory Factor (LIF) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Leukemia Inhibitory Factor (LIF) (pg/mL)
Serum-MAP

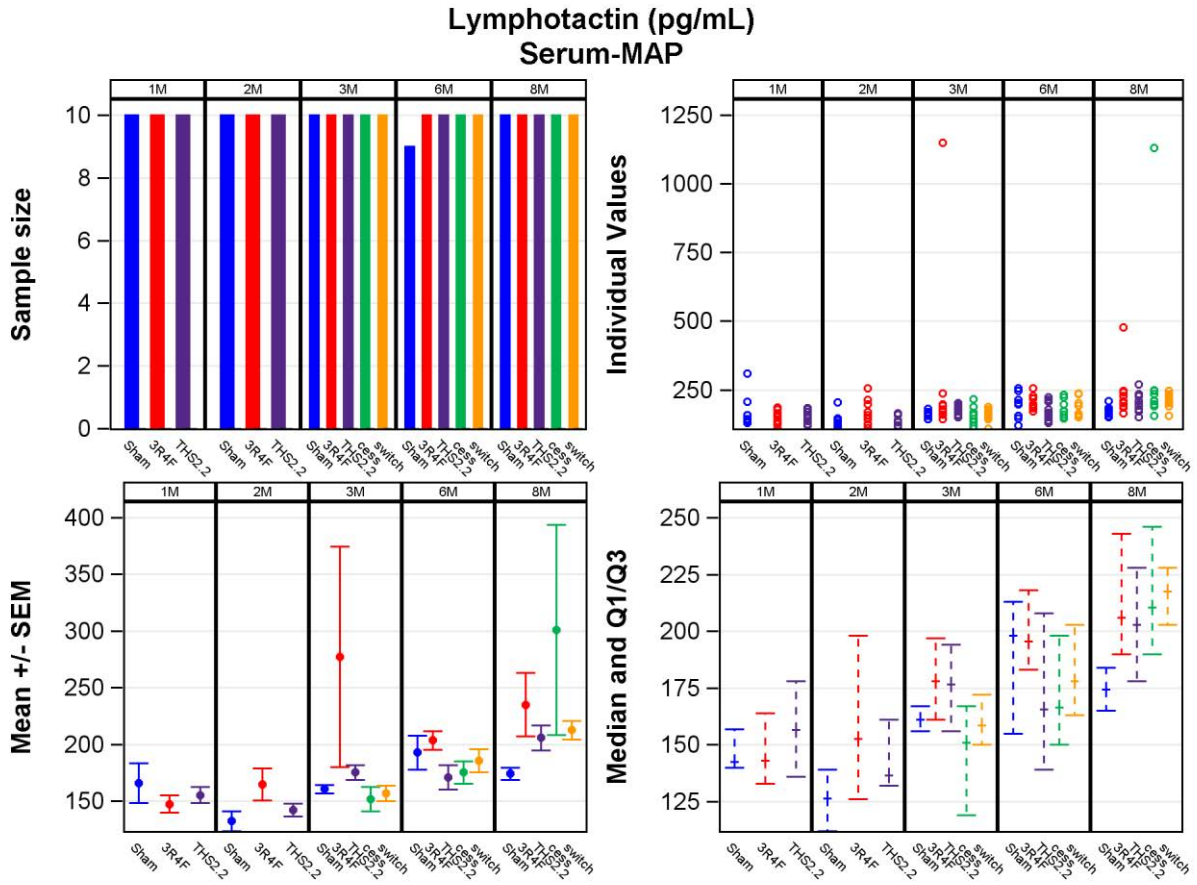
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	313.00	0	477.00	534.00	622.00	681.00	741.00	610.80	83.06	26.27	13.60			
	3R4F	10	313.00	0	393.00	534.00	592.50	681.00	925.00	609.30	148.91	47.09	24.44	-		
	THS2.2	10	313.00	0	506.00	506.00	651.50	741.00	833.00	650.10	126.79	40.09	19.50	-	-	
2M	Sham	10	313.00	0	494.00	663.00	663.00	781.00	840.00	687.80	113.27	35.82	16.47			
	3R4F	10	313.00	0	386.00	606.00	722.00	781.00	961.00	695.20	156.40	49.46	22.50	-		
	THS2.2	10	313.00	0	549.00	606.00	692.50	722.00	961.00	687.90	115.12	36.40	16.73	-	-	
3M	Sham	10	313.00	0	824.00	902.00	902.00	1220.0	2290.0	1112.6	441.47	139.61	39.68			
	3R4F	10	313.00	0	863.00	980.00	1000.0	1220.0	3440.0	1274.5	770.75	243.73	60.47	(-)		
	THS2.2	10	313.00	0	824.00	980.00	1020.0	1060.0	1380.0	1036.6	150.25	47.51	14.49	(-)	(-)	
	cess	10	313.00	0	746.00	824.00	941.00	980.00	1060.0	921.80	99.85	31.57	10.83	-	(-)	
	switch	10	313.00	0	824.00	902.00	902.00	1020.0	1060.0	937.50	77.39	24.47	8.25	(-)	(-)	-
6M	Sham	9	313.00	0	1090.0	1300.0	1440.0	1510.0	3310.0	1585.6	659.79	219.93	41.61			
	3R4F	10	313.00	0	1020.0	1160.0	1370.0	1510.0	1660.0	1347.0	218.69	69.15	16.24	-		
	THS2.2	10	313.00	0	1230.0	1300.0	1370.0	1440.0	1730.0	1404.0	149.68	47.33	10.66	(-)	-	
	cess	10	313.00	0	1090.0	1300.0	1335.0	1440.0	1660.0	1364.0	151.38	47.87	11.10	(-)	-	
	switch	10	313.00	0	1090.0	1160.0	1250.0	1370.0	1440.0	1262.0	128.31	40.57	10.17	+	-	-
8M	Sham	10	308.00	0	689.00	821.00	952.00	1080.0	1210.0	944.70	167.04	52.82	17.68			
	3R4F	10	308.00	0	689.00	952.00	1135.0	1150.0	1210.0	1037.6	183.70	58.09	17.70	-		
	THS2.2	10	308.00	0	886.00	952.00	1050.0	1210.0	1340.0	1071.9	152.73	48.30	14.25	-	-	
	cess	10	308.00	0	722.00	952.00	1020.0	1210.0	1280.0	1040.5	172.76	54.63	16.60	-	-	
	switch	10	308.00	0	755.00	919.00	1001.0	1150.0	1340.0	1029.3	206.89	65.42	20.10	-	-	-

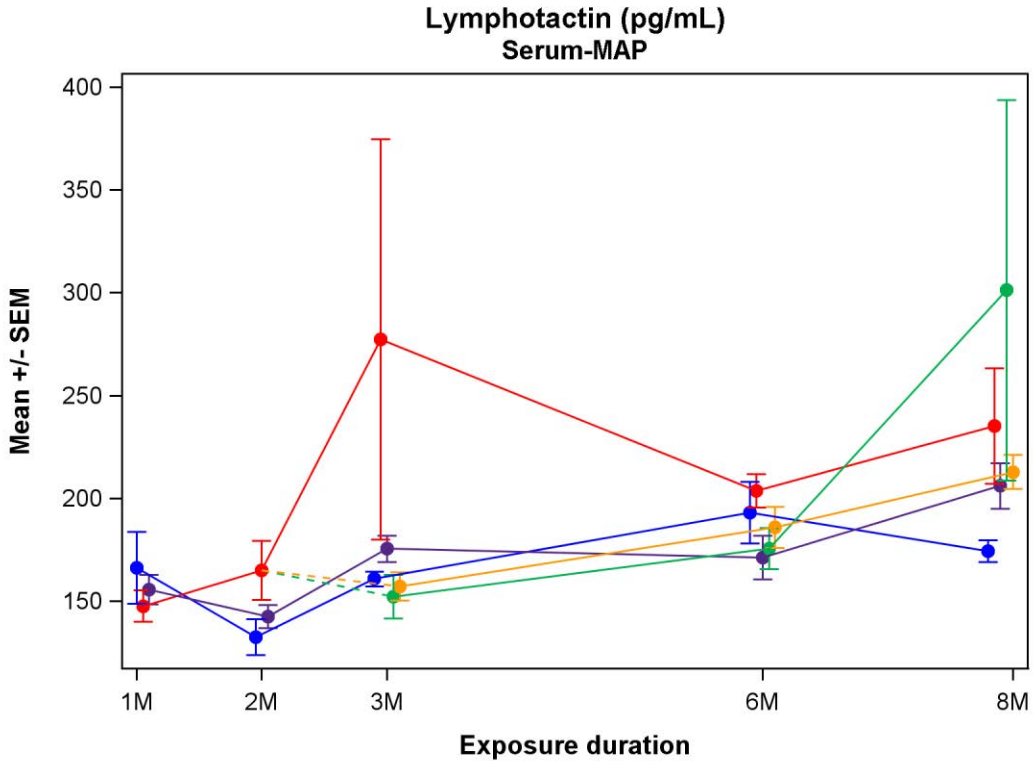
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Leukemia Inhibitory Factor (LIF) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	1.50	-114.1	117.07	0.7118	0.9782	0.8607	-
	Sham	THS2.2	-39.30	-141.2	62.56	0.2397	0.4247	0.4903	-
	3R4F	THS2.2	-40.80	-171.0	89.37	0.5717	0.5180	0.5147	-
2M	Sham	3R4F	-7.40	-136.6	121.79	0.7117	0.9050	0.8338	-
	Sham	THS2.2	-0.10	-107.4	107.20	0.4605	0.9985	0.8590	-
	3R4F	THS2.2	7.30	-122.5	137.14	0.3220	0.9068	0.5591	-
3M	Sham	3R4F	-161.9	-763.0	439.23	0.0001	0.5733	0.3609	(-)
	Sham	THS2.2	76.00	-248.4	400.37	0.0012	0.6164	0.6406	(-)
	Sham	cess	190.80	-128.5	510.07	0.2392	0.2123	0.4655	-
	Sham	switch	175.10	-142.7	492.92	0.0112	0.2462	0.6193	(-)
	3R4F	THS2.2	237.90	-317.9	793.66	0.0002	0.3614	0.7476	(-)
	3R4F	cess	352.70	-200.5	905.93	0.0434	0.1840	0.0616	(-)
	3R4F	switch	337.00	-215.5	889.47	0.0023	0.2015	0.0834	(-)
	cess	switch	-15.70	-100.0	68.60	0.3946	0.6992	0.7876	-
6M	Sham	3R4F	238.56	-278.2	755.34	0.1177	0.3262	0.5563	-
	Sham	THS2.2	181.56	-329.7	692.77	0.0002	0.4411	0.6731	(-)
	Sham	cess	221.56	-289.8	732.87	0.0024	0.3514	0.4533	(-)
	Sham	switch	323.56	-186.5	833.61	0.0272	0.1836	0.0405	+
	3R4F	THS2.2	-57.00	-234.7	120.73	0.5171	0.5062	0.7285	-
	3R4F	cess	-17.00	-195.3	161.28	0.9734	0.8424	0.9585	-
	3R4F	switch	85.00	-86.37	256.37	0.2202	0.3064	0.4052	-
	cess	switch	102.00	-30.09	234.09	0.8132	0.1219	0.1167	-
8M	Sham	3R4F	-92.90	-258.0	72.16	0.4173	0.2523	0.2224	-
	Sham	THS2.2	-127.2	-277.7	23.25	0.5289	0.0926	0.1040	-
	Sham	cess	-95.80	-255.5	63.86	0.6463	0.2235	0.1801	-
	Sham	switch	-84.60	-261.8	92.62	0.3050	0.3283	0.4199	-
	3R4F	THS2.2	-34.30	-193.4	124.79	0.4001	0.6554	0.8692	-
	3R4F	cess	-2.90	-170.5	164.68	0.1842	0.9714	0.9530	-
	3R4F	switch	8.30	-175.7	192.30	0.3603	0.9255	0.7011	-
	cess	switch	11.20	-168.3	190.68	0.4901	0.8970	0.9285	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Lymphotactin (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Lymphotactin (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

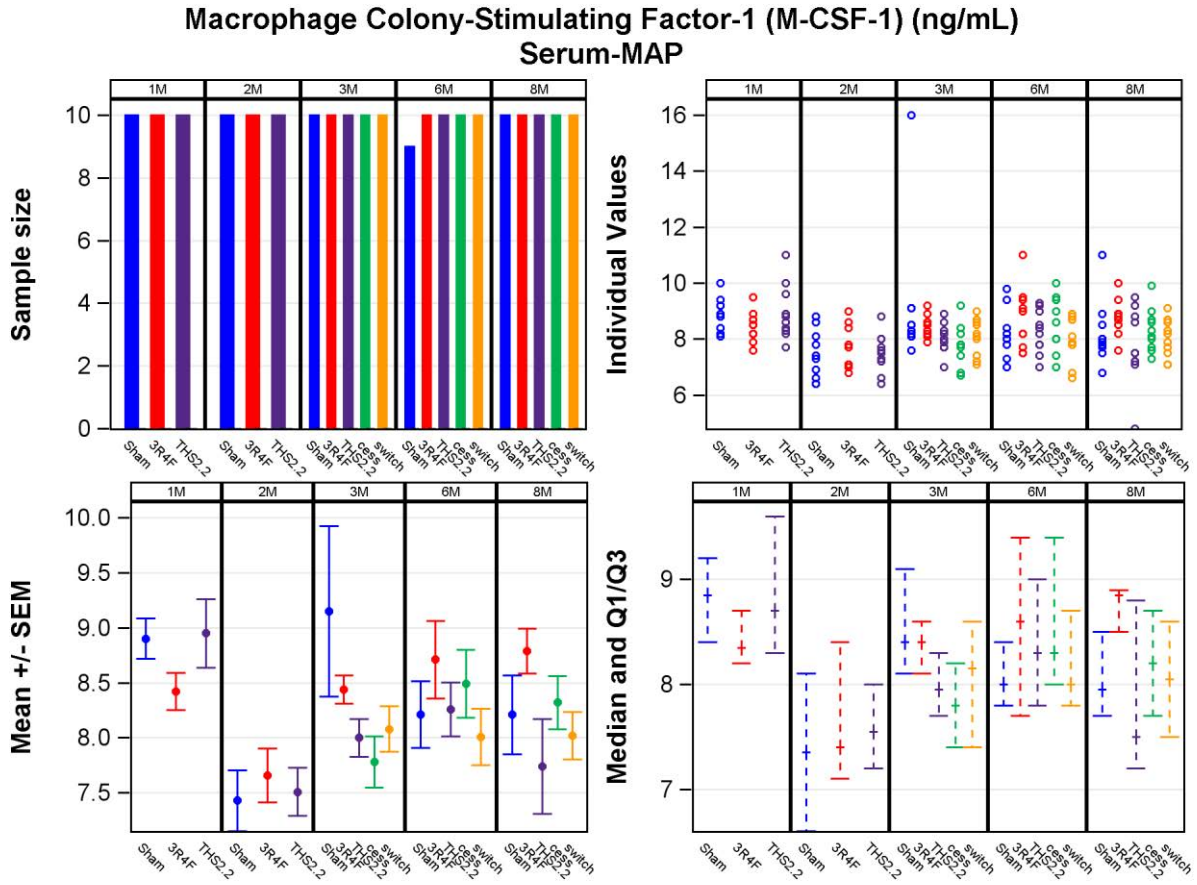
Lymphotactin (pg/mL)
Serum-MAP

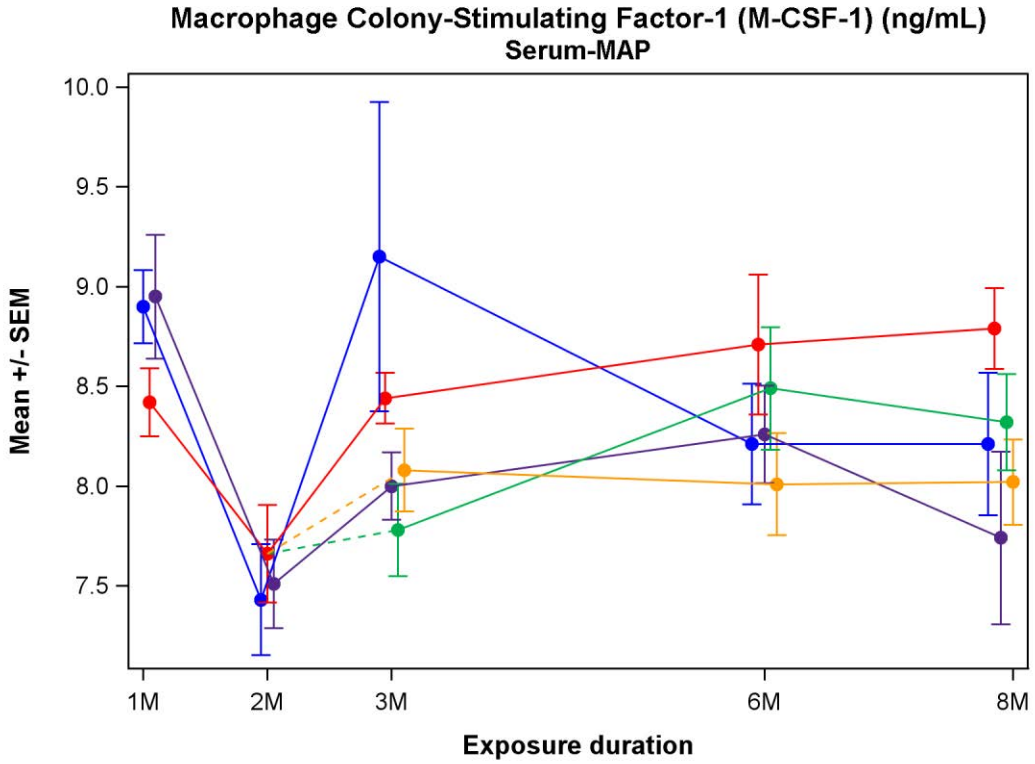
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	27.00	0	131.00	140.00	142.50	157.00	310.00	166.20	54.87	17.35	33.01			
	3R4F	10	27.00	0	109.00	133.00	143.00	164.00	185.00	147.60	23.96	7.58	16.23	(-)		
	THS2.2	10	27.00	0	121.00	136.00	156.50	178.00	183.00	155.60	22.92	7.25	14.73	-	-	
2M	Sham	10	27.00	0	112.00	112.00	126.50	139.00	204.00	132.50	27.77	8.78	20.96			
	3R4F	10	27.00	0	112.00	126.00	152.50	198.00	257.00	165.00	45.42	14.36	27.53	(-)		
	THS2.2	10	27.00	0	117.00	132.00	136.50	161.00	165.00	142.50	17.99	5.69	12.62	-	-	
3M	Sham	10	41.00	0	144.00	156.00	161.00	167.00	181.00	160.80	11.29	3.57	7.02			
	3R4F	10	41.00	0	144.00	161.00	178.00	197.00	1150.0	277.30	307.71	97.31	110.97	+		
	THS2.2	10	41.00	0	150.00	156.00	176.50	194.00	202.00	175.50	20.44	6.46	11.65	-	(-)	
	cess	10	41.00	0	110.00	119.00	151.00	167.00	216.00	152.20	33.86	10.71	22.25	-	+	
	switch	10	41.00	0	110.00	150.00	158.50	172.00	189.00	157.10	21.60	6.83	13.75	-	+	-
6M	Sham	9	41.00	0	121.00	155.00	198.00	213.00	256.00	193.11	44.97	14.99	23.29			
	3R4F	10	41.00	0	173.00	183.00	195.50	218.00	256.00	203.70	25.56	8.08	12.55	-		
	THS2.2	10	41.00	0	131.00	139.00	165.50	208.00	223.00	171.20	33.91	10.72	19.81	-	*	
	cess	10	41.00	0	147.00	150.00	166.50	198.00	232.00	175.50	31.84	10.07	18.14	-	+	
	switch	10	41.00	0	152.00	163.00	178.00	203.00	237.00	185.90	31.58	9.98	16.99	-	(-)	(-)
8M	Sham	10	41.00	0	152.00	165.00	174.50	184.00	209.00	174.40	16.68	5.28	9.56			
	3R4F	10	41.00	0	165.00	190.00	206.00	243.00	477.00	235.10	88.66	28.04	37.71	++		
	THS2.2	10	41.00	0	152.00	178.00	203.00	228.00	270.00	206.10	34.97	11.06	16.97	*	(-)	
	cess	10	41.00	0	155.00	190.00	210.50	246.00	1130.0	301.20	292.62	92.53	97.15	++	(-)	
	switch	10	41.00	0	155.00	203.00	217.50	228.00	246.00	212.80	25.89	8.19	12.17	**	-	(-)

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Lymphotactin (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	18.60	-22.53	59.73	0.0231	0.3448	0.5618	(-)
	Sham	THS2.2	10.60	-30.35	51.55	0.1192	0.5833	0.8136	-
	3R4F	THS2.2	-8.00	-30.03	14.03	0.4935	0.4554	0.5421	-
2M	Sham	3R4F	-32.50	-68.41	3.41	0.0087	0.0728	0.0530	(-)
	Sham	THS2.2	-10.00	-32.25	12.25	0.0874	0.3539	0.1042	-
	3R4F	THS2.2	22.50	-11.24	56.24	0.1538	0.1715	0.3854	-
3M	Sham	3R4F	-116.5	-336.7	103.68	0.0024	0.2620	0.0321	+
	Sham	THS2.2	-14.70	-30.54	1.14	0.5841	0.0664	0.1281	-
	Sham	cess	8.60	-16.25	33.45	0.6050	0.4621	0.4050	-
	Sham	switch	3.70	-12.88	20.28	0.6992	0.6388	0.7434	-
	3R4F	THS2.2	101.80	-118.5	322.11	0.0103	0.3235	0.6197	(-)
	3R4F	cess	125.10	-95.56	345.76	0.0019	0.2325	0.0295	+
	3R4F	switch	120.20	-100.1	340.54	0.0016	0.2488	0.0339	+
	cess	switch	-4.90	-31.93	22.13	0.9987	0.7049	0.6385	-
6M	Sham	3R4F	-10.59	-47.56	26.39	0.8819	0.5454	0.7888	-
	Sham	THS2.2	21.91	-17.41	61.24	0.2640	0.2532	0.3900	-
	Sham	cess	17.61	-21.05	56.28	0.3095	0.3457	0.3946	-
	Sham	switch	7.21	-31.37	45.79	0.1890	0.6948	0.6739	-
	3R4F	THS2.2	32.50	4.13	60.87	0.1417	0.0272	0.0261	*
	3R4F	cess	28.20	0.98	55.42	0.0271	0.0431	0.0463	+
	3R4F	switch	17.80	-9.27	44.87	0.0459	0.1835	0.2120	(-)
	cess	switch	-10.40	-40.19	19.39	0.0062	0.4728	0.2682	(-)
8M	Sham	3R4F	-60.70	-124.6	3.19	0.0070	0.0603	0.0022	++
	Sham	THS2.2	-31.70	-58.19	-5.21	0.5800	0.0227	0.0327	*
	Sham	cess	-126.8	-336.3	82.66	0.0012	0.2043	0.0026	++
	Sham	switch	-38.40	-59.12	-17.68	0.9273	0.0012	0.0013	**
	3R4F	THS2.2	29.00	-36.83	94.83	0.0309	0.3554	0.5874	(-)
	3R4F	cess	-66.10	-279.8	147.59	0.0001	0.5088	0.7802	(-)
	3R4F	switch	22.30	-42.34	86.94	0.0808	0.4620	0.8712	-
	cess	switch	88.40	-121.2	298.05	0.0093	0.3658	0.9528	(-)


Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

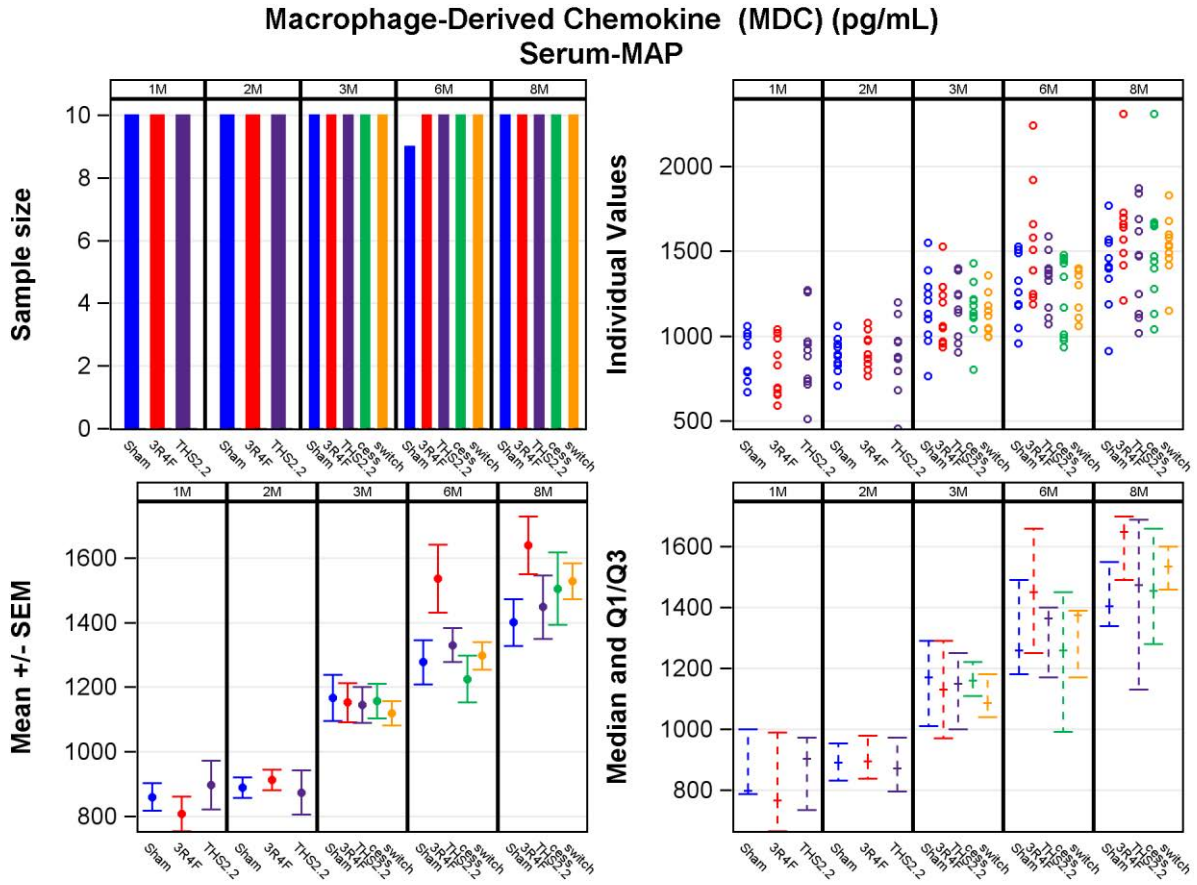
Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
Serum-MAP

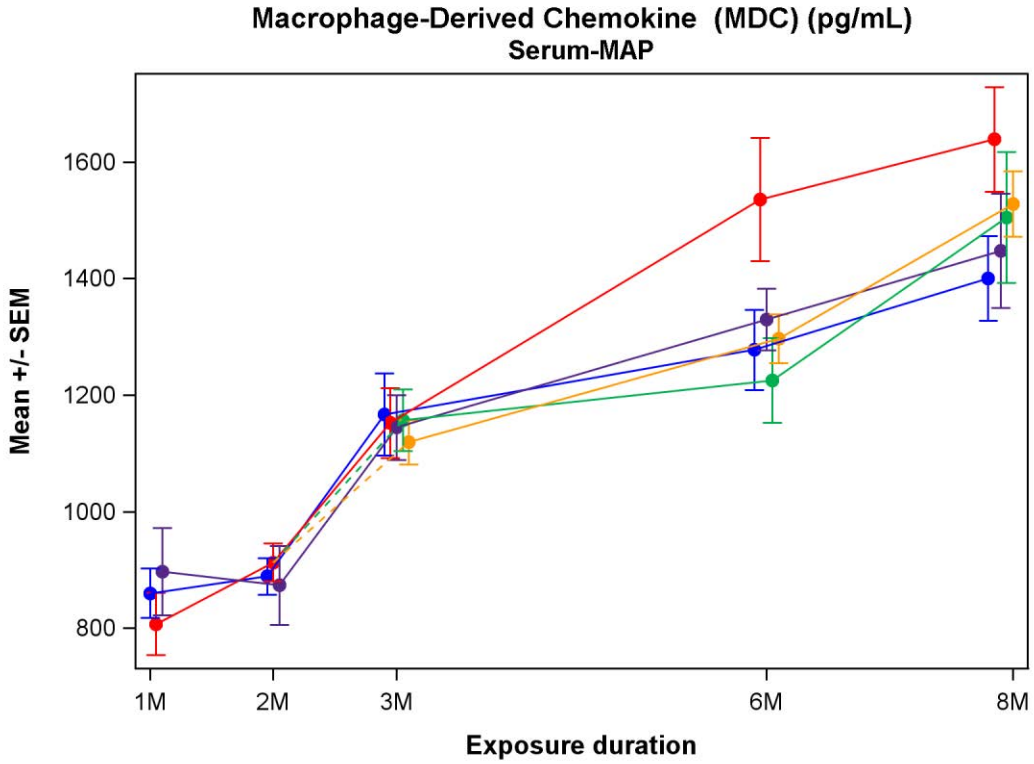
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.04	0	8.10	8.40	8.85	9.20	10.00	8.90	0.58	0.18	6.53			
	3R4F	10	0.04	0	7.60	8.20	8.35	8.70	9.50	8.42	0.53	0.17	6.35	-		
	THS2.2	10	0.04	0	7.70	8.30	8.70	9.60	11.00	8.95	0.98	0.31	11.00	-	-	
2M	Sham	10	0.04	0	6.40	6.60	7.35	8.10	8.80	7.43	0.88	0.28	11.82			
	3R4F	10	0.04	0	6.80	7.10	7.40	8.40	9.00	7.66	0.77	0.24	10.08	-		
	THS2.2	10	0.04	0	6.40	7.20	7.55	8.00	8.80	7.51	0.70	0.22	9.30	-	-	
3M	Sham	10	0.04	0	7.60	8.10	8.40	9.10	16.00	9.15	2.45	0.77	26.77			
	3R4F	10	0.04	0	7.90	8.10	8.40	8.60	9.20	8.44	0.40	0.13	4.75	(-)		
	THS2.2	10	0.04	0	7.00	7.70	7.95	8.30	8.90	8.00	0.54	0.17	6.69	(-)	-	
	cess	10	0.04	0	6.70	7.40	7.80	8.20	9.20	7.78	0.73	0.23	9.44	+	*	
	switch	10	0.04	0	7.10	7.40	8.15	8.60	9.00	8.08	0.66	0.21	8.14	-	-	-
6M	Sham	9	0.04	0	7.00	7.80	8.00	8.40	9.80	8.21	0.90	0.30	11.00			
	3R4F	10	0.04	0	7.50	7.70	8.60	9.40	11.00	8.71	1.11	0.35	12.72	-		
	THS2.2	10	0.04	0	7.00	7.80	8.30	9.00	9.30	8.26	0.77	0.24	9.33	-	-	
	cess	10	0.04	0	7.00	8.00	8.30	9.40	10.00	8.49	0.97	0.31	11.47	-	-	
	switch	10	0.04	0	6.60	7.80	8.00	8.70	8.90	8.01	0.81	0.26	10.13	-	-	-
8M	Sham	10	0.03	0	6.80	7.70	7.95	8.50	11.00	8.21	1.13	0.36	13.74			
	3R4F	10	0.03	0	7.60	8.50	8.85	8.90	10.00	8.79	0.64	0.20	7.32	-		
	THS2.2	10	0.03	0	4.80	7.20	7.50	8.80	9.50	7.74	1.37	0.43	17.68	-	*	
	cess	10	0.03	0	7.30	7.70	8.20	8.70	9.90	8.32	0.77	0.24	9.20	(-)	-	
	switch	10	0.03	0	7.10	7.50	8.05	8.60	9.10	8.02	0.68	0.21	8.47	-	*	-

Macrophage Colony-Stimulating Factor-1 (M-CSF-1) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.48	-0.05	1.01	0.5657	0.0708	0.1005	-
	Sham	THS2.2	-0.05	-0.82	0.72	0.3342	0.8919	0.8408	-
	3R4F	THS2.2	-0.53	-1.29	0.23	0.2625	0.1571	0.1898	-
2M	Sham	3R4F	-0.23	-1.01	0.55	0.0635	0.5419	0.5632	-
	Sham	THS2.2	-0.08	-0.83	0.67	0.8116	0.8243	0.8181	-
	3R4F	THS2.2	0.15	-0.54	0.84	0.7162	0.6541	0.9257	-
3M	Sham	3R4F	0.71	-1.05	2.47	0.0037	0.3881	0.9576	(-)
	Sham	THS2.2	1.15	-0.62	2.92	0.0047	0.1780	0.0822	(-)
	Sham	cess	1.37	-0.42	3.16	0.0038	0.1194	0.0286	+
	Sham	switch	1.07	-0.71	2.85	0.0677	0.2110	0.2249	-
	3R4F	THS2.2	0.44	-0.01	0.89	0.8540	0.0532	0.0599	-
	3R4F	cess	0.66	0.09	1.23	0.4821	0.0258	0.0143	*
	3R4F	switch	0.36	-0.16	0.88	0.7533	0.1603	0.3057	-
	cess	switch	-0.30	-0.96	0.36	0.3515	0.3489	0.3110	-
6M	Sham	3R4F	-0.50	-1.47	0.48	0.2781	0.2954	0.4034	-
	Sham	THS2.2	-0.05	-0.87	0.77	0.6466	0.9012	0.8630	-
	Sham	cess	-0.28	-1.19	0.63	0.5314	0.5259	0.5310	-
	Sham	switch	0.20	-0.64	1.04	0.6350	0.6181	0.7669	-
	3R4F	THS2.2	0.45	-0.45	1.35	0.8322	0.3073	0.4408	-
	3R4F	cess	0.22	-0.76	1.20	0.5451	0.6429	0.6967	-
	3R4F	switch	0.70	-0.22	1.62	0.9246	0.1260	0.1841	-
	cess	switch	0.48	-0.36	1.32	0.2726	0.2471	0.2576	-
8M	Sham	3R4F	-0.58	-1.46	0.30	0.1387	0.1792	0.0486	-
	Sham	THS2.2	0.47	-0.71	1.65	0.1744	0.4133	0.4719	-
	Sham	cess	-0.11	-1.02	0.80	0.0442	0.8019	0.4881	(-)
	Sham	switch	0.19	-0.70	1.08	0.2724	0.6548	0.9848	-
	3R4F	THS2.2	1.05	0.02	2.08	0.5742	0.0471	0.0550	*
	3R4F	cess	0.47	-0.20	1.14	0.7643	0.1551	0.1217	-
	3R4F	switch	0.77	0.15	1.39	0.9642	0.0181	0.0234	*
	cess	switch	0.30	-0.38	0.98	0.5910	0.3665	0.4728	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage-Derived Chemokine (MDC) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage-Derived Chemokine (MDC) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Macrophage-Derived Chemokine (MDC) (pg/mL)
Serum-MAP

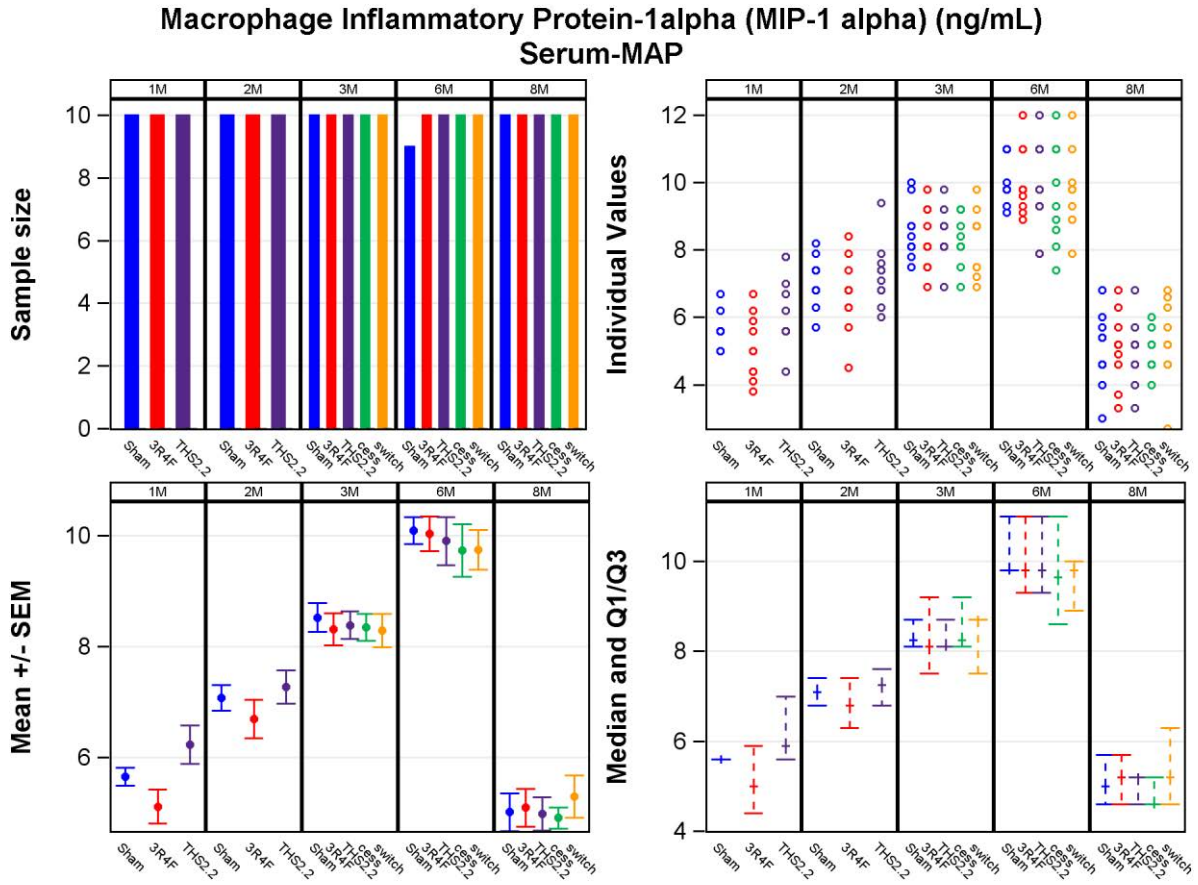
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	46.00	0	672.00	787.00	796.00	1000.0	1060.0	860.10	134.13	42.42	15.60			
	3R4F	10	46.00	0	593.00	664.00	765.00	989.00	1040.0	807.30	168.42	53.26	20.86	(-)		
	THS2.2	10	46.00	0	514.00	734.00	901.50	971.00	1270.0	897.50	237.34	75.05	26.44	-	-	
2M	Sham	10	46.00	0	709.00	830.00	889.00	954.00	1060.0	889.10	100.72	31.85	11.33			
	3R4F	10	46.00	0	766.00	838.00	894.00	979.00	1080.0	913.10	102.38	32.38	11.21	-		
	THS2.2	10	46.00	0	456.00	795.00	871.50	972.00	1200.0	874.00	214.24	67.75	24.51	-	-	
3M	Sham	10	46.00	0	766.00	1010.0	1170.0	1290.0	1550.0	1166.9	223.42	70.65	19.15			
	3R4F	10	46.00	0	934.00	969.00	1130.0	1290.0	1530.0	1152.3	190.84	60.35	16.56	-		
	THS2.2	10	46.00	0	907.00	1000.0	1150.0	1250.0	1400.0	1144.7	175.84	55.60	15.36	-	-	
	cess	10	46.00	0	802.00	1110.0	1160.0	1220.0	1430.0	1157.2	167.33	52.91	14.46	-	-	
	switch	10	46.00	0	995.00	1040.0	1085.0	1180.0	1360.0	1119.4	120.03	37.96	10.72	-	(-)	-
6M	Sham	9	46.00	0	959.00	1180.0	1260.0	1490.0	1530.0	1277.7	205.06	68.35	16.05			
	3R4F	10	46.00	0	1190.0	1250.0	1450.0	1660.0	2240.0	1536.0	333.14	105.35	21.69	-		
	THS2.2	10	46.00	0	1070.0	1170.0	1365.0	1400.0	1590.0	1330.0	167.53	52.98	12.60	-	-	
	cess	10	46.00	0	934.00	992.00	1260.0	1450.0	1480.0	1225.2	230.64	72.93	18.82	(-)	*	
	switch	10	46.00	0	1060.0	1170.0	1375.0	1390.0	1400.0	1297.0	132.67	41.95	10.23	-	-	(-)
8M	Sham	10	65.00	0	913.00	1340.0	1405.0	1550.0	1770.0	1400.3	230.19	72.79	16.44			
	3R4F	10	65.00	0	1210.0	1490.0	1650.0	1700.0	2310.0	1639.0	283.25	89.57	17.28	-		
	THS2.2	10	65.00	0	1020.0	1130.0	1475.0	1690.0	1870.0	1448.0	308.97	97.70	21.34	-	-	
	cess	10	65.00	0	1040.0	1280.0	1455.0	1660.0	2310.0	1505.0	356.57	112.76	23.69	-	(-)	
	switch	10	65.00	0	1150.0	1460.0	1535.0	1600.0	1830.0	1528.0	177.31	56.07	11.60	-	-	-

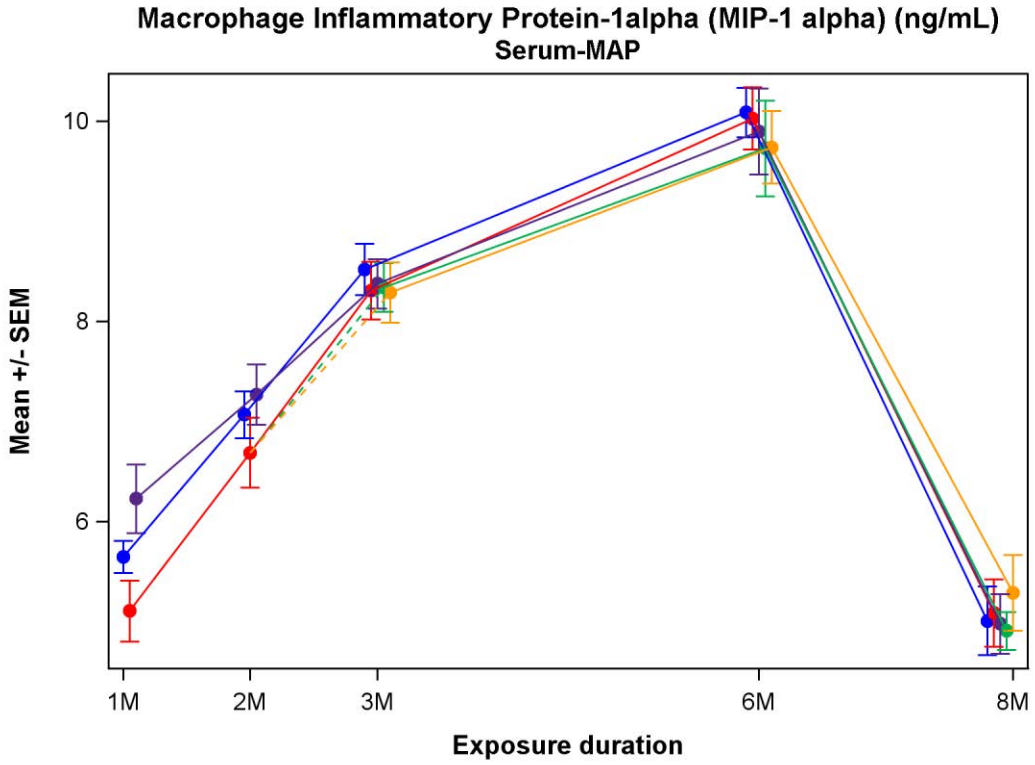
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage-Derived Chemokine (MDC) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	52.80	-90.76	196.36	0.0327	0.4486	0.4082	(-)
	Sham	THS2.2	-37.40	-222.0	147.24	0.2130	0.6709	0.9823	-
	3R4F	THS2.2	-90.20	-285.1	104.67	0.1906	0.3414	0.3939	-
2M	Sham	3R4F	-24.00	-119.4	71.42	0.9227	0.6037	0.6865	-
	Sham	THS2.2	15.10	-146.9	177.09	0.8599	0.8433	0.8508	-
	3R4F	THS2.2	39.10	-123.2	201.43	0.9120	0.6114	0.5641	-
3M	Sham	3R4F	14.60	-181.0	210.15	0.9015	0.8769	0.6820	-
	Sham	THS2.2	22.20	-167.4	211.84	0.8724	0.8079	0.7827	-
	Sham	cess	9.70	-176.8	196.20	0.6602	0.9138	0.9860	-
	Sham	switch	47.50	-124.8	219.75	0.7965	0.5633	0.5759	-
	3R4F	THS2.2	7.60	-164.9	180.08	0.2384	0.9272	0.9583	-
	3R4F	cess	-4.90	-173.7	163.93	0.9943	0.9520	0.8379	-
	3R4F	switch	32.90	-118.9	184.72	0.0453	0.6510	0.8086	(-)
	cess	switch	37.80	-100.0	175.63	0.9155	0.5695	0.3746	-
6M	Sham	3R4F	-258.3	-525.8	9.10	0.4988	0.0573	0.0774	-
	Sham	THS2.2	-52.33	-236.1	131.46	0.3368	0.5538	0.5986	-
	Sham	cess	52.47	-158.4	263.36	0.0341	0.6064	0.4426	(-)
	Sham	switch	-19.33	-192.0	153.33	0.0760	0.8131	0.8942	-
	3R4F	THS2.2	206.00	-48.21	460.21	0.6838	0.1037	0.1542	-
	3R4F	cess	310.80	39.20	582.40	0.1140	0.0275	0.0405	*
	3R4F	switch	239.00	-8.57	486.57	0.7517	0.0572	0.0973	-
	cess	switch	-71.80	-251.8	108.23	0.0069	0.4075	0.8125	(-)
8M	Sham	3R4F	-238.7	-481.9	4.52	0.2442	0.0539	0.0314	-
	Sham	THS2.2	-47.70	-305.2	209.78	0.8305	0.7004	0.6200	-
	Sham	cess	-104.7	-390.1	180.73	0.7441	0.4472	0.5797	-
	Sham	switch	-127.7	-321.6	66.24	0.1314	0.1826	0.1044	-
	3R4F	THS2.2	191.00	-87.63	469.63	0.5806	0.1669	0.2364	-
	3R4F	cess	134.00	-169.7	437.65	0.0247	0.3650	0.2287	(-)
	3R4F	switch	111.00	-114.1	336.09	0.1772	0.3100	0.3107	-
	cess	switch	-23.00	-294.6	248.64	0.5942	0.8579	0.5258	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

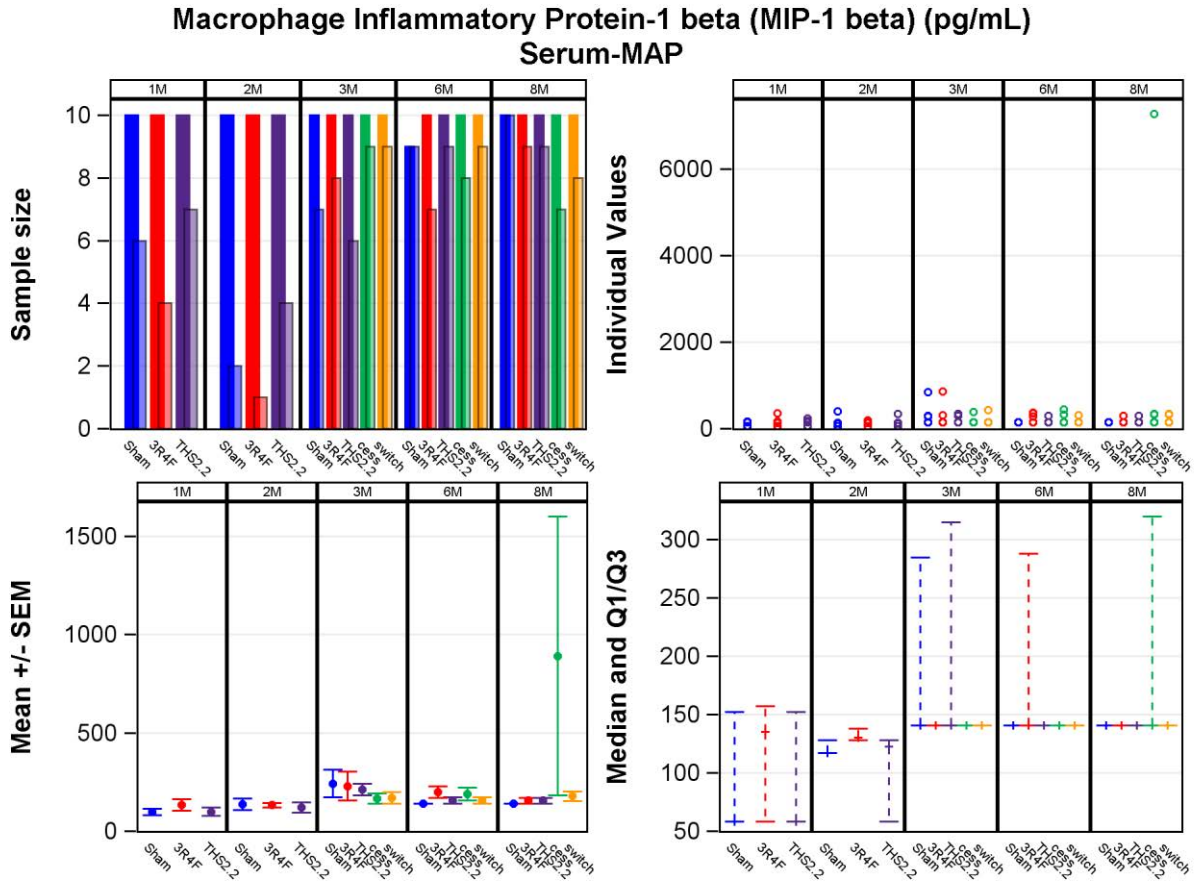
Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
Serum-MAP

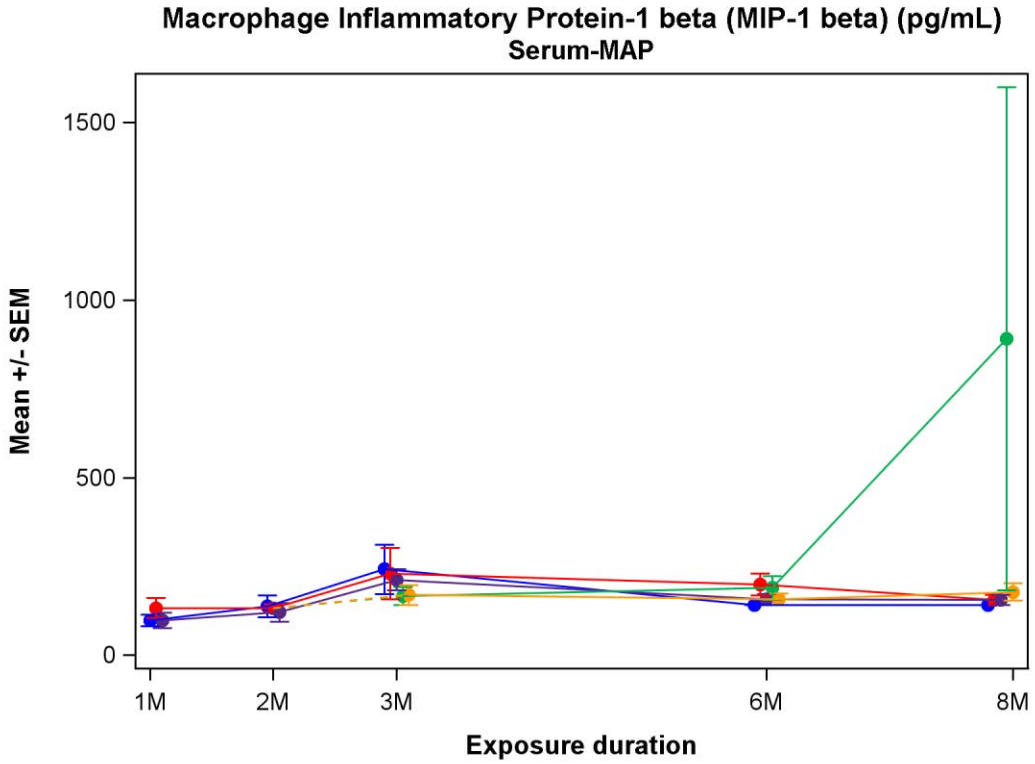
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	3.00	0	5.00	5.60	5.60	5.60	6.70	5.65	0.50	0.16	8.88			
	3R4F	10	3.00	0	3.80	4.40	5.00	5.90	6.70	5.11	0.96	0.30	18.85	-		
	THS2.2	10	3.00	0	4.40	5.60	5.90	7.00	7.80	6.23	1.09	0.34	17.49	-	*	
2M	Sham	10	3.00	0	5.70	6.80	7.10	7.40	8.20	7.07	0.74	0.24	10.52			
	3R4F	10	3.00	0	4.50	6.30	6.80	7.40	8.40	6.69	1.11	0.35	16.53	-		
	THS2.2	10	3.00	0	6.00	6.80	7.25	7.60	9.40	7.27	0.95	0.30	13.05	-	-	
3M	Sham	10	3.00	0	7.50	8.10	8.25	8.70	10.00	8.52	0.82	0.26	9.58			
	3R4F	10	3.00	0	6.90	7.50	8.10	9.20	9.80	8.31	0.91	0.29	10.90	-		
	THS2.2	10	3.00	0	6.90	8.10	8.10	8.70	9.80	8.38	0.78	0.25	9.31	-	-	
	cess	10	3.00	0	6.90	8.10	8.25	9.20	9.20	8.34	0.77	0.24	9.20	-	-	
	switch	10	3.00	0	6.90	7.50	8.70	8.70	9.80	8.29	0.95	0.30	11.48	-	-	-
6M	Sham	9	3.00	0	9.10	9.80	9.80	11.00	11.00	10.09	0.74	0.25	7.31			
	3R4F	10	3.00	0	8.90	9.30	9.80	11.00	12.00	10.03	0.99	0.31	9.85	-		
	THS2.2	10	3.00	0	7.90	9.30	9.80	11.00	12.00	9.90	1.37	0.43	13.79	-	-	
	cess	10	3.00	0	7.40	8.60	9.65	11.00	12.00	9.73	1.50	0.47	15.44	-	-	
	switch	10	3.00	0	7.90	8.90	9.80	10.00	12.00	9.74	1.14	0.36	11.74	-	-	-
8M	Sham	10	2.10	0	3.00	4.60	5.00	5.70	6.80	5.01	1.08	0.34	21.59			
	3R4F	10	2.10	0	3.30	4.60	5.20	5.70	6.80	5.09	1.07	0.34	20.92	-		
	THS2.2	10	2.10	0	3.30	4.60	5.20	5.20	6.80	4.98	0.95	0.30	19.05	-	-	
	cess	10	2.10	0	4.00	4.60	4.60	5.20	6.00	4.91	0.60	0.19	12.31	-	-	
	switch	10	2.10	0	2.70	4.60	5.20	6.30	6.80	5.29	1.20	0.38	22.60	-	-	-

Macrophage Inflammatory Protein-1alpha (MIP-1 alpha) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.54	-0.20	1.28	0.1266	0.1389	0.1986	-
	Sham	THS2.2	-0.58	-1.40	0.24	0.2874	0.1508	0.1615	-
	3R4F	THS2.2	-1.12	-2.09	-0.15	0.4299	0.0257	0.0365	*
2M	Sham	3R4F	0.38	-0.51	1.27	0.4784	0.3809	0.4180	-
	Sham	THS2.2	-0.20	-1.00	0.60	0.9142	0.6066	0.7802	-
	3R4F	THS2.2	-0.58	-1.55	0.39	0.9000	0.2246	0.2850	-
3M	Sham	3R4F	0.21	-0.60	1.02	0.2607	0.5928	0.6161	-
	Sham	THS2.2	0.14	-0.61	0.89	0.1399	0.6996	0.8992	-
	Sham	cess	0.18	-0.56	0.92	0.7169	0.6177	0.8687	-
	Sham	switch	0.23	-0.60	1.06	0.2729	0.5692	0.7467	-
	3R4F	THS2.2	-0.07	-0.87	0.73	0.4625	0.8552	0.8236	-
	3R4F	cess	-0.03	-0.82	0.76	0.4648	0.9372	0.8659	-
	3R4F	switch	0.02	-0.85	0.89	0.2924	0.9621	0.9803	-
	cess	switch	0.05	-0.76	0.86	0.4804	0.8986	0.9579	-
6M	Sham	3R4F	0.06	-0.78	0.90	0.0506	0.8840	0.6051	-
	Sham	THS2.2	0.19	-0.88	1.25	0.1115	0.7095	0.7960	-
	Sham	cess	0.36	-0.79	1.51	0.1621	0.5136	0.6224	-
	Sham	switch	0.35	-0.58	1.28	0.3673	0.4369	0.3764	-
	3R4F	THS2.2	0.13	-1.00	1.26	0.3550	0.8103	0.9921	-
	3R4F	cess	0.30	-0.91	1.51	0.3401	0.6051	0.6396	-
	3R4F	switch	0.29	-0.72	1.30	0.1900	0.5516	0.6880	-
	cess	switch	-0.01	-1.27	1.25	0.8300	0.9868	1.0000	-
8M	Sham	3R4F	-0.08	-1.09	0.93	0.7857	0.8695	0.9274	-
	Sham	THS2.2	0.03	-0.93	0.99	0.5968	0.9482	0.8045	-
	Sham	cess	0.10	-0.74	0.94	0.4110	0.8022	0.7112	-
	Sham	switch	-0.28	-1.35	0.79	0.6075	0.5897	0.6071	-
	3R4F	THS2.2	0.11	-0.84	1.06	0.5652	0.8101	0.7967	-
	3R4F	cess	0.18	-0.65	1.01	0.4764	0.6491	0.5115	-
	3R4F	switch	-0.20	-1.26	0.86	0.5563	0.6976	0.6683	-
	cess	switch	-0.38	-1.29	0.53	0.4334	0.3857	0.2106	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
Serum-MAP

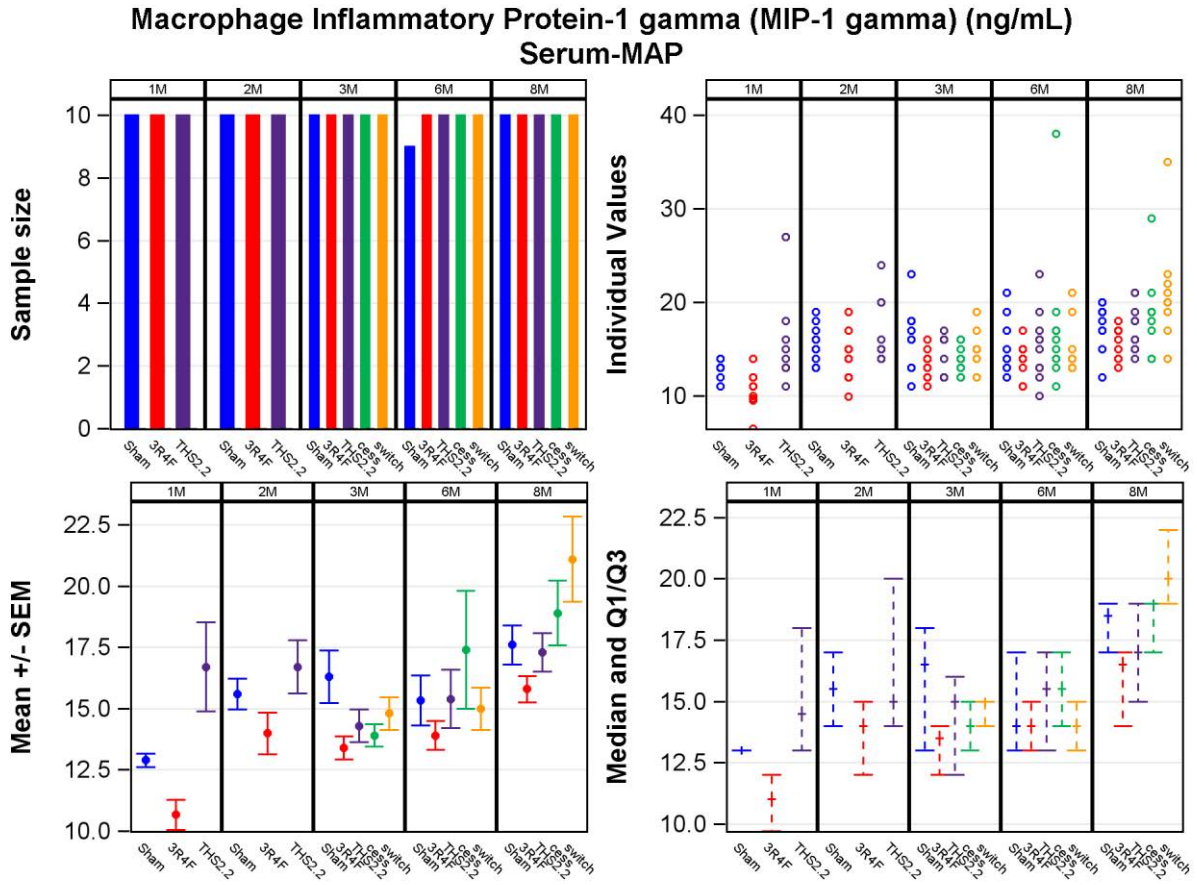
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	117.00	6	58.50	58.50	58.50	152.00	168.00	97.40	50.51	15.97	51.86			
	3R4F	10	117.00	4	58.50	58.50	135.00	157.00	354.00	132.90	90.07	28.48	67.78	(-)		
	THS2.2	10	117.00	7	58.50	58.50	58.50	152.00	242.00	98.35	67.74	21.42	68.87	(-)	(-)	
2M	Sham	10	117.00	2	58.50	117.00	117.00	128.00	403.00	137.10	97.28	30.76	70.95			
	3R4F	10	117.00	1	58.50	128.00	130.50	138.00	193.00	132.15	32.57	10.30	24.65	(-)		
	THS2.2	10	117.00	4	58.50	58.50	122.50	128.00	343.00	120.60	85.06	26.90	70.53	(-)	+	
3M	Sham	10	282.00	7	141.00	141.00	141.00	285.00	849.00	241.60	222.24	70.28	91.99			
	3R4F	10	282.00	8	141.00	141.00	141.00	141.00	864.00	229.70	228.75	72.34	99.59	(-)		
	THS2.2	10	282.00	6	141.00	141.00	141.00	315.00	335.00	212.60	93.09	29.44	43.79	(-)	(-)	
	cess	10	282.00	9	141.00	141.00	141.00	141.00	391.00	166.00	79.06	25.00	47.62	(-)	(-)	
	switch	10	282.00	9	141.00	141.00	141.00	141.00	427.00	169.60	90.44	28.60	53.33	(-)	(-)	(-)
6M	Sham	9	282.00	9	141.00	141.00	141.00	141.00	141.00	141.00	0.00	0.00	0.00			
	3R4F	10	282.00	7	141.00	141.00	141.00	288.00	367.00	199.10	95.56	30.22	48.00	(-)		
	THS2.2	10	282.00	9	141.00	141.00	141.00	141.00	300.00	156.90	50.28	15.90	32.05	(-)	(-)	
	cess	10	282.00	8	141.00	141.00	141.00	141.00	441.00	189.30	105.49	33.36	55.73	(-)	(-)	
	switch	10	282.00	9	141.00	141.00	141.00	141.00	306.00	157.50	52.18	16.50	33.13	(-)	(-)	(-)
8M	Sham	10	282.00	10	141.00	141.00	141.00	141.00	141.00	141.00	0.00	0.00	0.00			
	3R4F	10	282.00	9	141.00	141.00	141.00	141.00	291.00	156.00	47.43	15.00	30.41	(-)		
	THS2.2	10	282.00	9	141.00	141.00	141.00	141.00	291.00	156.00	47.43	15.00	30.41	(-)	(-)	
	cess	10	282.00	7	141.00	141.00	141.00	320.00	7270.0	891.20	2242.6	709.18	251.64	(-)	(-)	
	switch	10	282.00	8	141.00	141.00	141.00	141.00	335.00	178.30	78.71	24.89	44.15	(-)	(-)	(-)

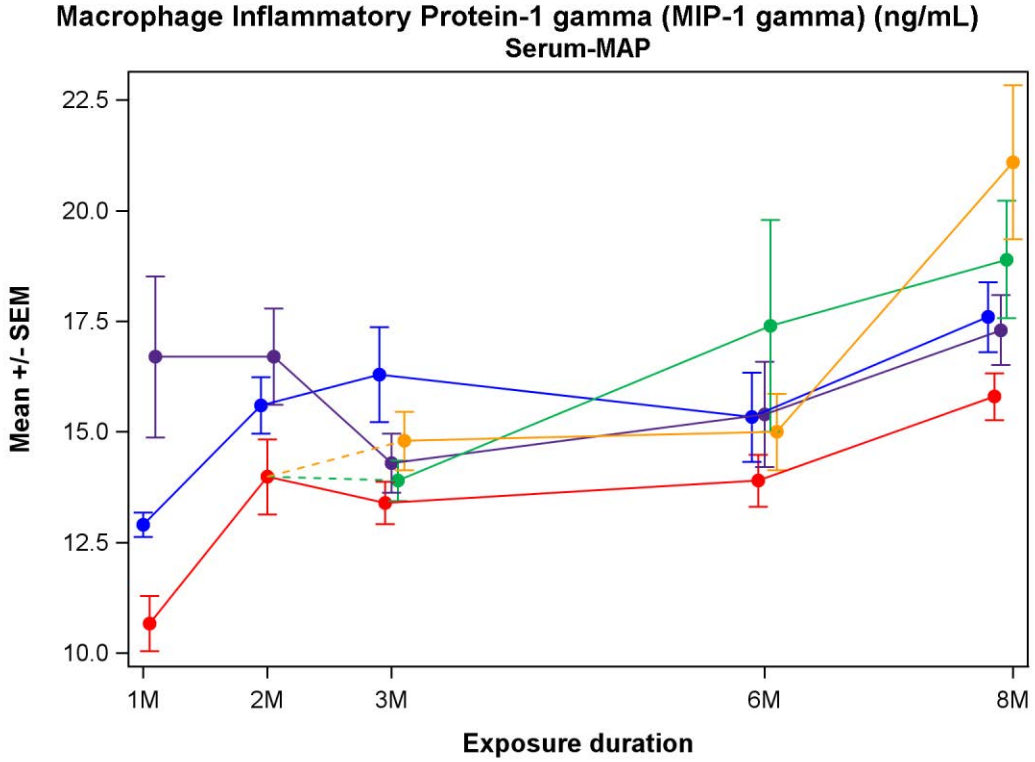
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-1 beta (MIP-1 beta) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-35.50	-105.5	34.47	0.0017	0.2952	0.5241	(-)
	Sham	THS2.2	-0.95	-57.42	55.52	0.0001	0.9721	0.9445	(-)
	3R4F	THS2.2	34.55	-40.74	109.84	0.0007	0.3462	0.3833	(-)
2M	Sham	3R4F	4.95	-66.46	76.36	0.0006	0.8815	0.0713	(-)
	Sham	THS2.2	16.50	-69.46	102.46	0.0001	0.6912	0.8695	(-)
	3R4F	THS2.2	11.55	-51.46	74.56	0.0032	0.6957	0.0499	+
3M	Sham	3R4F	11.90	-200.0	223.80	0.0001	0.9074	0.9301	(-)
	Sham	THS2.2	29.00	-136.9	194.92	0.0004	0.7101	0.6051	(-)
	Sham	cess	75.60	-88.15	239.35	0.0001	0.3321	0.4519	(-)
	Sham	switch	72.00	-93.47	237.47	0.0001	0.3615	0.4587	(-)
	3R4F	THS2.2	17.10	-153.2	187.42	0.0002	0.8304	0.4967	(-)
	3R4F	cess	63.70	-104.5	231.93	0.0001	0.4228	0.7409	(-)
	3R4F	switch	60.10	-109.8	229.99	0.0001	0.4550	0.7363	(-)
	cess	switch	-3.60	-83.51	76.31	0.0001	0.9256	1.0000	(-)
6M	Sham	3R4F	-58.10	-126.5	10.26	0.0002	0.0867	0.2128	(-)
	Sham	THS2.2	-15.90	-51.87	20.07	0.0001	0.3434	1.0000	(-)
	Sham	cess	-48.30	-123.8	27.17	0.0001	0.1816	0.4845	(-)
	Sham	switch	-16.50	-53.83	20.83	0.0001	0.3434	1.0000	(-)
	3R4F	THS2.2	42.20	-31.23	115.63	0.0001	0.2374	0.3347	(-)
	3R4F	cess	9.80	-84.83	104.43	0.0001	0.8301	0.8566	(-)
	3R4F	switch	41.60	-32.28	115.48	0.0001	0.2471	0.3348	(-)
	cess	switch	31.80	-48.51	112.11	0.0001	0.4082	0.4721	(-)
8M	Sham	3R4F	-15.00	-48.93	18.93	0.0001	0.3434	1.0000	(-)
	Sham	THS2.2	-15.00	-48.93	18.93	0.0001	0.3434	1.0000	(-)
	Sham	cess	-750.2	-2354	854.08	0.0001	0.3177	0.2099	(-)
	Sham	switch	-37.30	-93.61	19.01	0.0001	0.1682	0.4727	(-)
	3R4F	THS2.2	0.00	-44.57	44.57	0.0001	1.0000	1.0000	(-)
	3R4F	cess	-735.2	-2340	869.22	0.0001	0.3270	0.2154	(-)
	3R4F	switch	-22.30	-84.33	39.73	0.0001	0.4550	0.4637	(-)
	cess	switch	712.90	-891.8	2317.6	0.0001	0.3413	0.6528	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

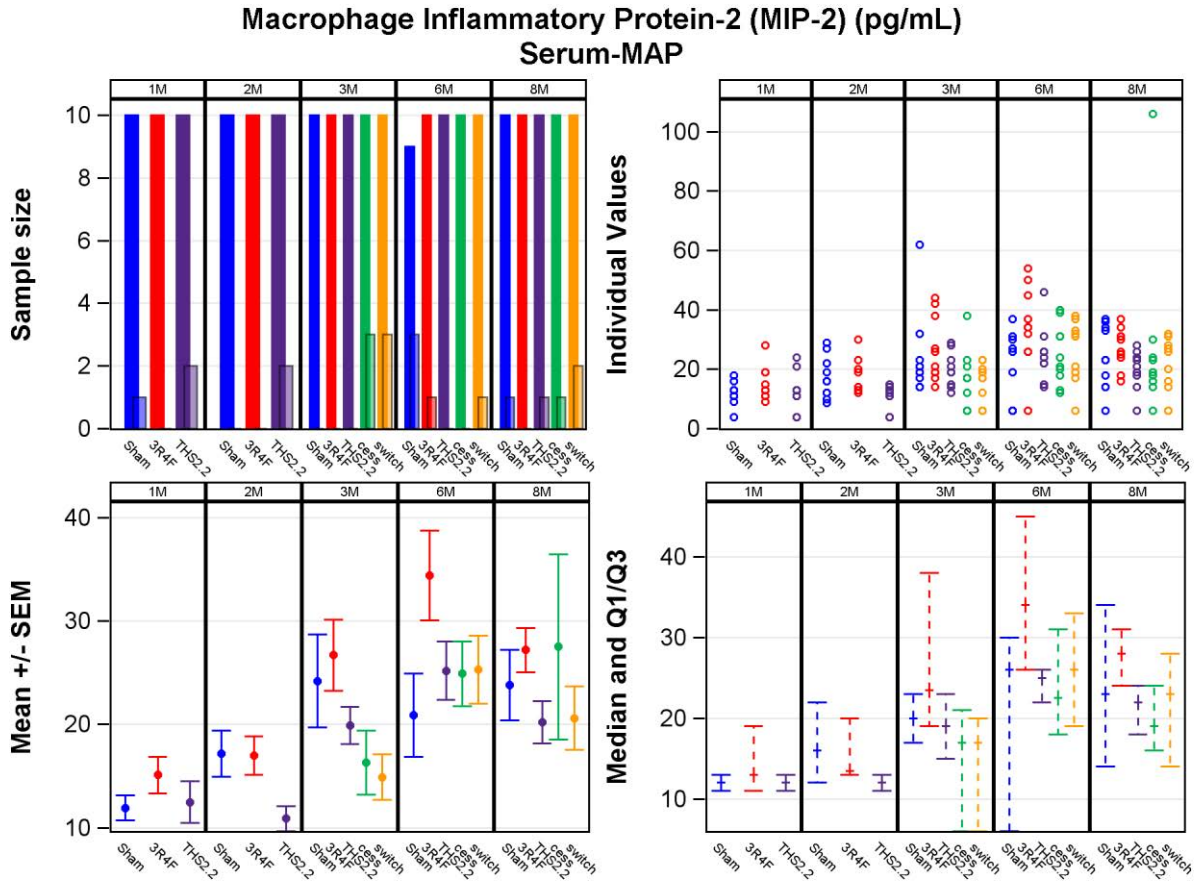
Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
Serum-MAP

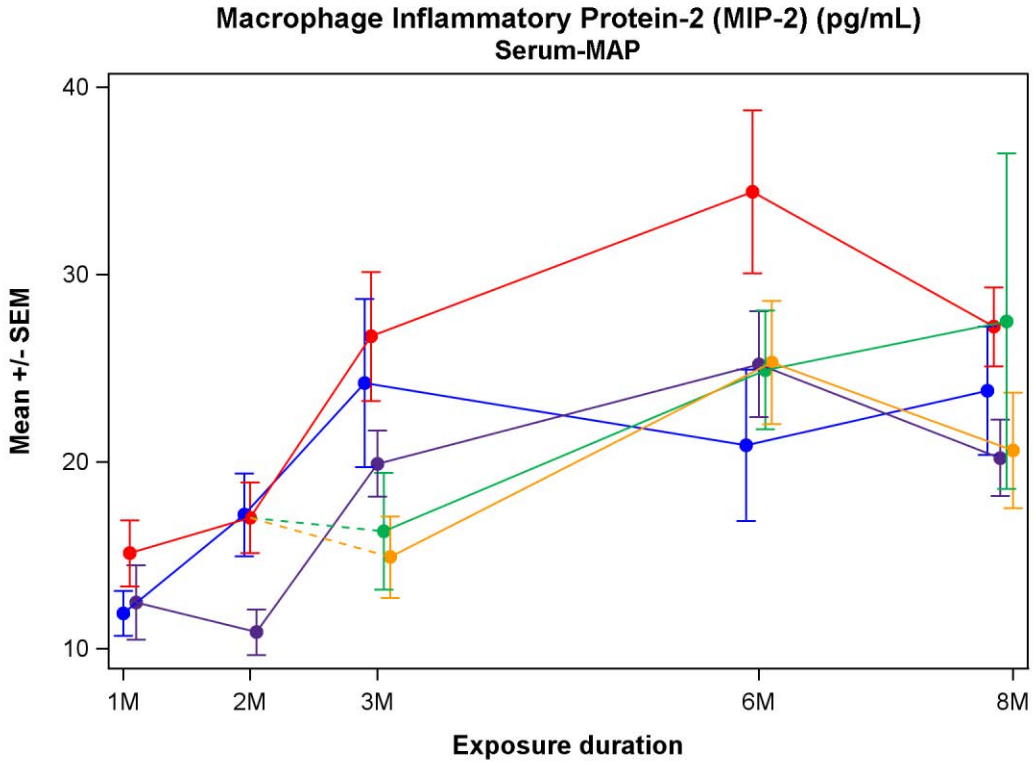
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.67	0	11.00	13.00	13.00	13.00	14.00	12.90	0.88	0.28	6.79			
	3R4F	10	0.67	0	6.50	9.70	11.00	12.00	14.00	10.67	1.97	0.62	18.51	++		
	THS2.2	10	0.67	0	11.00	13.00	14.50	18.00	27.00	16.70	5.76	1.82	34.46	-	**	
2M	Sham	10	0.67	0	13.00	14.00	15.50	17.00	19.00	15.60	2.01	0.64	12.89			
	3R4F	10	0.67	0	9.90	12.00	14.00	15.00	19.00	13.99	2.68	0.85	19.18	-		
	THS2.2	10	0.67	0	14.00	14.00	15.00	20.00	24.00	16.70	3.43	1.09	20.56	-	-	
3M	Sham	10	0.74	0	11.00	13.00	16.50	18.00	23.00	16.30	3.40	1.08	20.86			
	3R4F	10	0.74	0	11.00	12.00	13.50	14.00	16.00	13.40	1.51	0.48	11.24	*		
	THS2.2	10	0.74	0	12.00	12.00	15.00	16.00	17.00	14.30	2.11	0.67	14.76	-	-	
	cess	10	0.74	0	12.00	13.00	14.00	15.00	16.00	13.90	1.45	0.46	10.43	-	-	
	switch	10	0.74	0	12.00	14.00	15.00	15.00	19.00	14.80	2.10	0.66	14.17	-	-	-
6M	Sham	9	0.74	0	12.00	13.00	14.00	17.00	21.00	15.33	3.04	1.01	19.84			
	3R4F	10	0.74	0	11.00	13.00	14.00	15.00	17.00	13.90	1.85	0.59	13.33	-		
	THS2.2	10	0.74	0	10.00	13.00	15.50	17.00	23.00	15.40	3.75	1.19	24.34	-	-	
	cess	10	0.74	0	11.00	14.00	15.50	17.00	38.00	17.40	7.59	2.40	43.62	(-)	-	
	switch	10	0.74	0	13.00	13.00	14.00	15.00	21.00	15.00	2.75	0.87	18.32	(-)	-	(-)
8M	Sham	10	0.74	0	12.00	17.00	18.50	19.00	20.00	17.60	2.50	0.79	14.22			
	3R4F	10	0.74	0	13.00	14.00	16.50	17.00	18.00	15.80	1.69	0.53	10.67	-		
	THS2.2	10	0.74	0	14.00	15.00	17.00	19.00	21.00	17.30	2.50	0.79	14.43	-	-	
	cess	10	0.74	0	14.00	17.00	19.00	19.00	29.00	18.90	4.20	1.33	22.23	-	-	
	switch	10	0.74	0	14.00	19.00	20.00	22.00	35.00	21.10	5.51	1.74	26.10	-	*	(-)

Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	2.23	0.75	3.71	0.0453	0.0065	0.0050	++
	Sham	THS2.2	-3.80	-7.94	0.34	0.1724	0.0676	0.0556	-
	3R4F	THS2.2	-6.03	-10.26	-1.80	0.1182	0.0094	0.0007	**
2M	Sham	3R4F	1.61	-0.63	3.85	0.5908	0.1477	0.1350	-
	Sham	THS2.2	-1.10	-3.79	1.59	0.1127	0.3962	0.6936	-
	3R4F	THS2.2	-2.71	-5.62	0.20	0.0600	0.0658	0.0704	-
3M	Sham	3R4F	2.90	0.35	5.45	0.4151	0.0292	0.0345	*
	Sham	THS2.2	2.00	-0.70	4.70	0.1571	0.1349	0.0989	-
	Sham	cess	2.40	-0.14	4.94	0.6040	0.0622	0.0741	-
	Sham	switch	1.50	-1.19	4.19	0.2266	0.2537	0.2441	-
	3R4F	THS2.2	-0.90	-2.64	0.84	0.1491	0.2883	0.3460	-
	3R4F	cess	-0.50	-1.89	0.89	0.6399	0.4591	0.5418	-
	3R4F	switch	-1.40	-3.13	0.33	0.5824	0.1053	0.1093	-
	cess	switch	-0.90	-2.61	0.81	0.1345	0.2808	0.3460	-
6M	Sham	3R4F	1.43	-1.10	3.96	0.6924	0.2427	0.5283	-
	Sham	THS2.2	-0.07	-3.36	3.23	0.2460	0.9664	1.0000	-
	Sham	cess	-2.07	-7.74	3.61	0.0021	0.4430	0.6487	(-)
	Sham	switch	0.33	-2.49	3.16	0.0022	0.8060	0.9065	(-)
	3R4F	THS2.2	-1.50	-4.35	1.35	0.5576	0.2768	0.3903	-
	3R4F	cess	-3.50	-9.00	2.00	0.0519	0.1868	0.1780	-
	3R4F	switch	-1.10	-3.32	1.12	0.2297	0.3098	0.8382	-
	cess	switch	2.40	-3.20	8.00	0.0001	0.3667	0.4003	(-)
8M	Sham	3R4F	1.80	-0.23	3.83	0.0540	0.0779	0.0384	-
	Sham	THS2.2	0.30	-2.05	2.65	0.6650	0.7915	0.6364	-
	Sham	cess	-1.30	-4.60	2.00	0.3692	0.4141	0.6865	-
	Sham	switch	-3.50	-7.65	0.65	0.3179	0.0911	0.0343	-
	3R4F	THS2.2	-1.50	-3.52	0.52	0.2017	0.1352	0.2042	-
	3R4F	cess	-3.10	-6.22	0.02	0.4643	0.0516	0.0200	-
	3R4F	switch	-5.30	-9.32	-1.28	0.5746	0.0146	0.0024	*
	cess	switch	-2.20	-6.82	2.42	0.0012	0.3294	0.1296	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

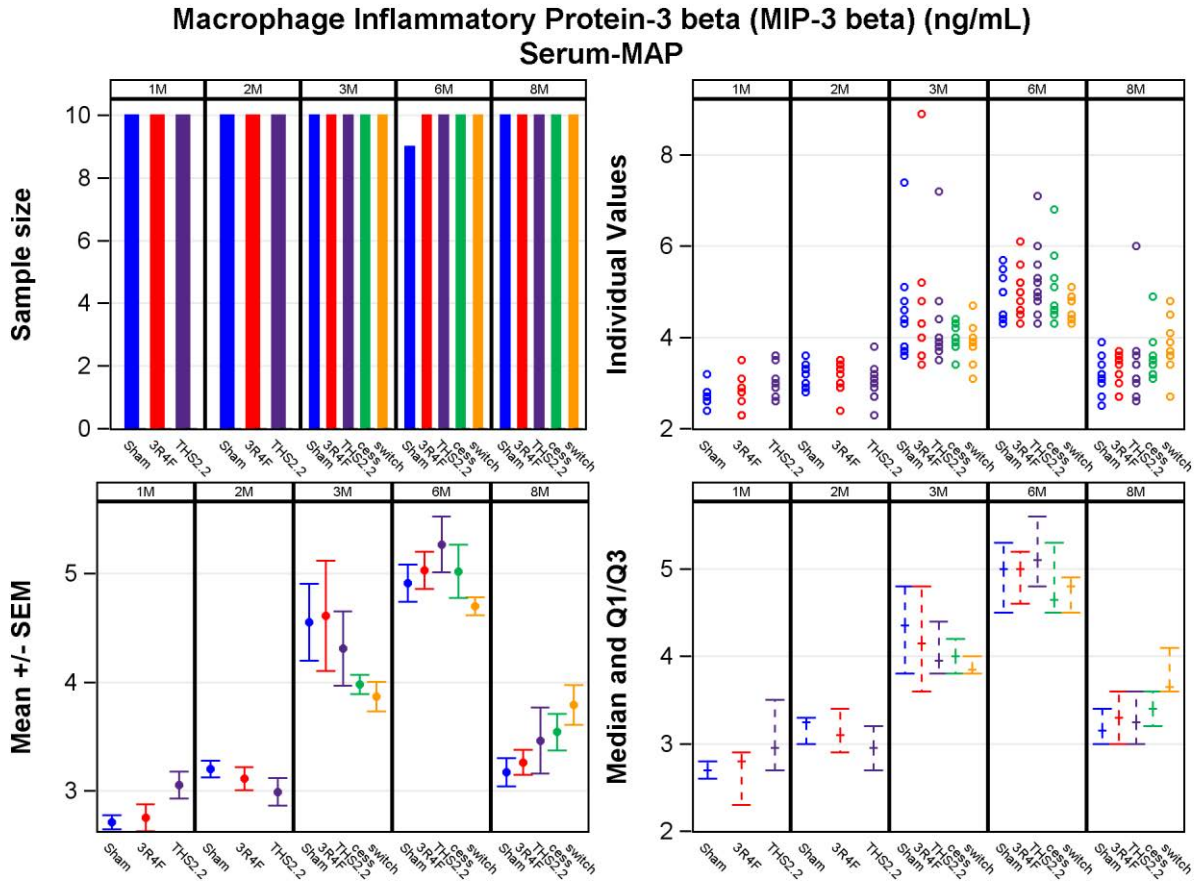
Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
Serum-MAP

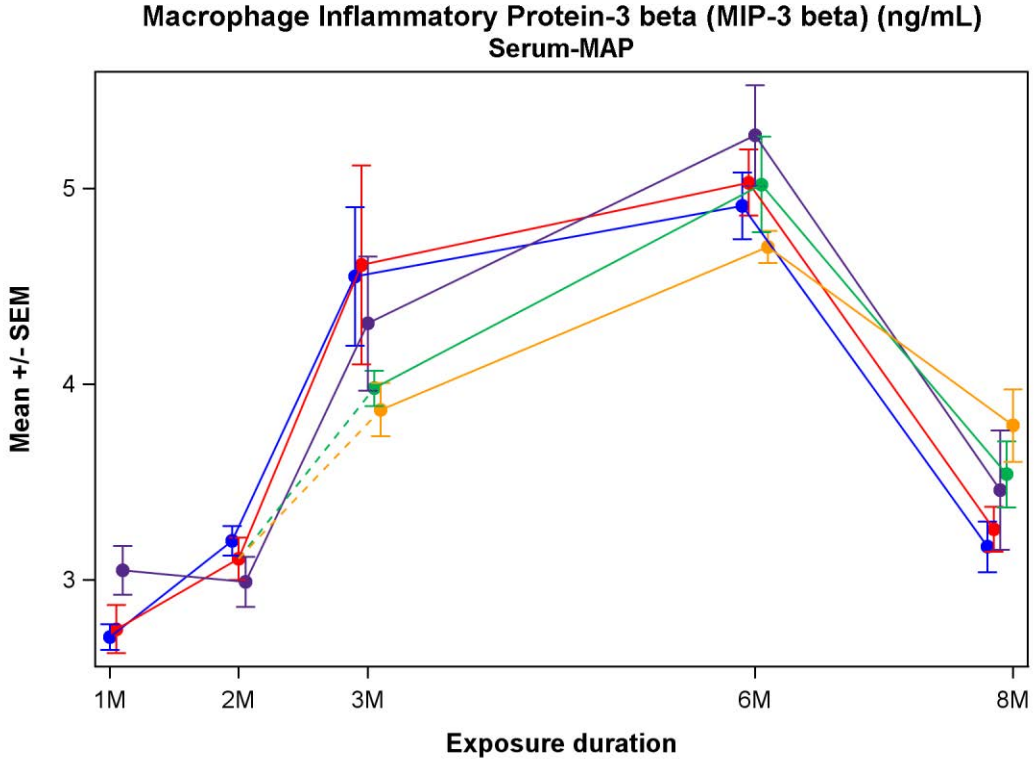
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	7.90	1	3.95	11.00	12.00	13.00	18.00	11.91	3.82	1.21	32.06			
	3R4F	10	7.90	0	9.10	11.00	13.00	19.00	28.00	15.11	5.57	1.76	36.89	-		
	THS2.2	10	7.90	2	3.95	11.00	12.00	13.00	24.00	12.49	6.31	2.00	50.51	-	-	
2M	Sham	10	7.90	0	8.60	12.00	16.00	22.00	29.00	17.16	7.03	2.22	40.95			
	3R4F	10	7.90	0	12.00	13.00	13.50	20.00	30.00	17.00	5.93	1.87	34.86	(-)		
	THS2.2	10	7.90	2	3.95	11.00	12.00	13.00	15.00	10.89	3.86	1.22	35.47	*	*	
3M	Sham	10	12.00	0	14.00	17.00	20.00	23.00	62.00	24.20	14.24	4.50	58.85			
	3R4F	10	12.00	0	14.00	19.00	23.50	38.00	44.00	26.70	10.89	3.44	40.80	(-)		
	THS2.2	10	12.00	0	12.00	15.00	19.00	23.00	29.00	19.90	5.61	1.77	28.17	(-)	-	
	cess	10	12.00	3	6.00	6.00	17.00	21.00	38.00	16.30	9.87	3.12	60.53	(-)	*	
	switch	10	12.00	3	6.00	6.00	17.00	20.00	23.00	14.90	6.90	2.18	46.33	-	*	-
6M	Sham	9	12.00	3	6.00	6.00	26.00	30.00	37.00	20.89	12.13	4.04	58.06			
	3R4F	10	12.00	1	6.00	26.00	34.00	45.00	54.00	34.40	13.75	4.35	39.96	*		
	THS2.2	10	12.00	0	14.00	22.00	25.00	26.00	46.00	25.20	8.94	2.83	35.48	-	-	
	cess	10	12.00	0	12.00	18.00	22.50	31.00	40.00	24.90	9.98	3.16	40.09	-	-	
	switch	10	12.00	1	6.00	19.00	26.00	33.00	38.00	25.30	10.40	3.29	41.12	-	-	-
8M	Sham	10	12.00	1	6.00	14.00	23.00	34.00	37.00	23.80	10.83	3.42	45.50			
	3R4F	10	12.00	0	16.00	24.00	28.00	31.00	37.00	27.20	6.71	2.12	24.68	-		
	THS2.2	10	12.00	1	6.00	18.00	22.00	24.00	28.00	20.20	6.43	2.03	31.81	-	*	
	cess	10	12.00	1	6.00	16.00	19.00	24.00	106.00	27.50	28.31	8.95	102.94	(-)	(-)	
	switch	10	12.00	2	6.00	14.00	23.00	28.00	32.00	20.60	9.74	3.08	47.30	-	-	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Macrophage Inflammatory Protein-2 (MIP-2) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-3.21	-7.74	1.33	0.5547	0.1532	0.2296	-
	Sham	THS2.2	-0.58	-5.56	4.39	0.2679	0.8053	0.9568	-
	3R4F	THS2.2	2.62	-2.98	8.22	0.0987	0.3383	0.3527	-
2M	Sham	3R4F	0.16	-5.96	6.28	0.0352	0.9567	0.7473	(-)
	Sham	THS2.2	6.27	0.83	11.71	0.6710	0.0269	0.0744	*
	3R4F	THS2.2	6.11	1.36	10.86	0.5362	0.0151	0.0151	*
3M	Sham	3R4F	-2.50	-14.47	9.47	0.0050	0.6649	0.4406	(-)
	Sham	THS2.2	4.30	-6.27	14.87	0.0233	0.3922	0.6936	(-)
	Sham	cess	7.90	-3.71	19.51	0.0027	0.1686	0.1388	(-)
	Sham	switch	9.30	-1.51	20.11	0.1393	0.0859	0.1153	-
	3R4F	THS2.2	6.80	-1.54	15.14	0.0878	0.1020	0.2314	-
	3R4F	cess	10.40	0.63	20.17	0.0926	0.0383	0.0289	*
	3R4F	switch	11.80	3.12	20.48	0.1401	0.0110	0.0223	*
	cess	switch	1.40	-6.67	9.47	0.2158	0.7179	1.0000	-
6M	Sham	3R4F	-13.51	-26.04	-0.99	0.5668	0.0361	0.0407	*
	Sham	THS2.2	-4.31	-14.85	6.23	0.1843	0.3963	0.8251	-
	Sham	cess	-4.01	-14.91	6.89	0.0842	0.4459	0.4935	-
	Sham	switch	-4.41	-15.47	6.64	0.1498	0.4100	0.3556	-
	3R4F	THS2.2	9.20	-1.82	20.22	0.6693	0.0957	0.0303	-
	3R4F	cess	9.50	-1.86	20.86	0.6844	0.0956	0.0740	-
	3R4F	switch	9.10	-2.41	20.61	0.2841	0.1136	0.1095	-
	cess	switch	-0.40	-9.98	9.18	0.3790	0.9311	0.9303	-
8M	Sham	3R4F	-3.40	-11.99	5.19	0.3373	0.4120	0.4882	-
	Sham	THS2.2	3.60	-4.91	12.11	0.2481	0.3806	0.5638	-
	Sham	cess	-3.70	-24.67	17.27	0.0365	0.7065	0.6722	(-)
	Sham	switch	3.20	-6.49	12.89	0.0667	0.4963	0.4667	-
	3R4F	THS2.2	7.00	0.83	13.17	0.3288	0.0285	0.0334	*
	3R4F	cess	-0.30	-20.80	20.20	0.0496	0.9746	0.0700	(-)
	3R4F	switch	6.60	-1.33	14.53	0.1572	0.0969	0.1855	-
	cess	switch	6.90	-13.91	27.71	0.0734	0.4812	0.8380	-


Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
Serum-MAP
Mean +/- SEM
1M
2M
3M
6M
8M
Exposure duration

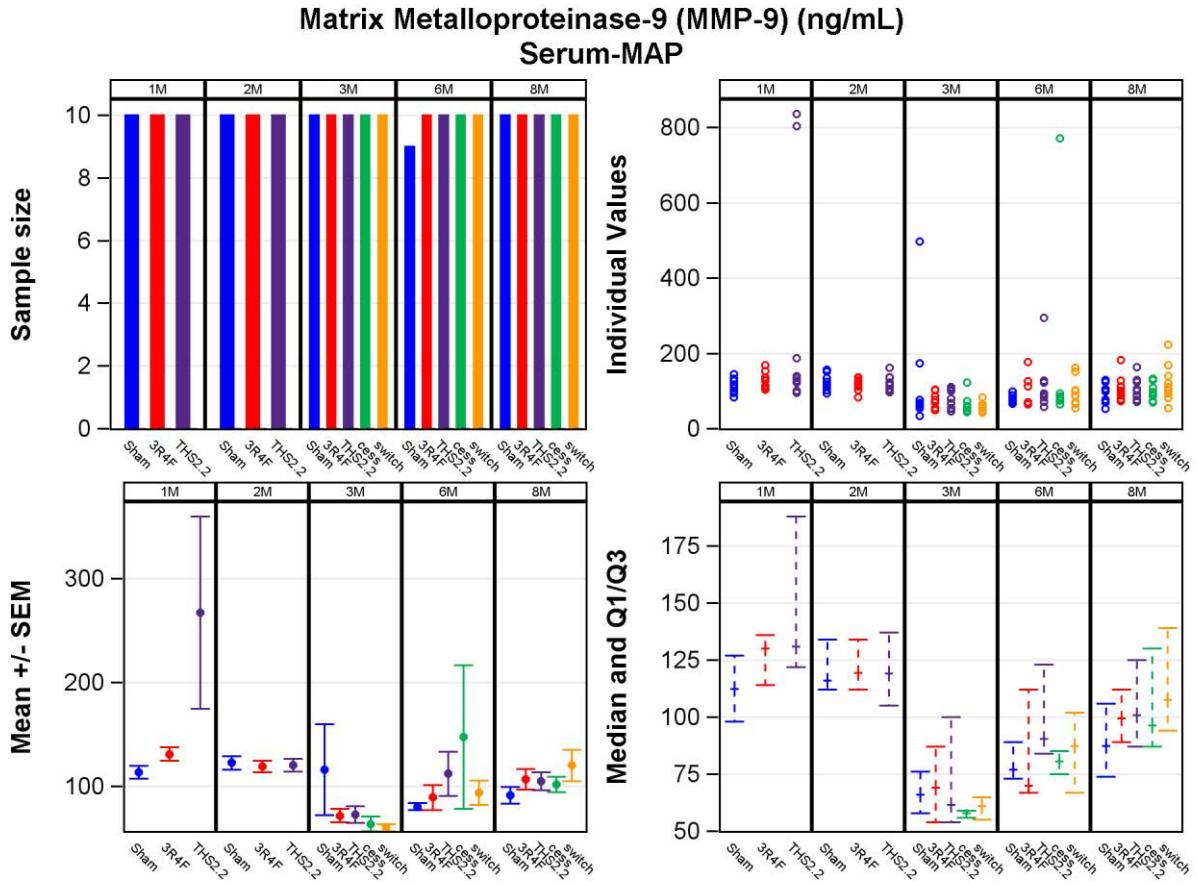
Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
Serum-MAP

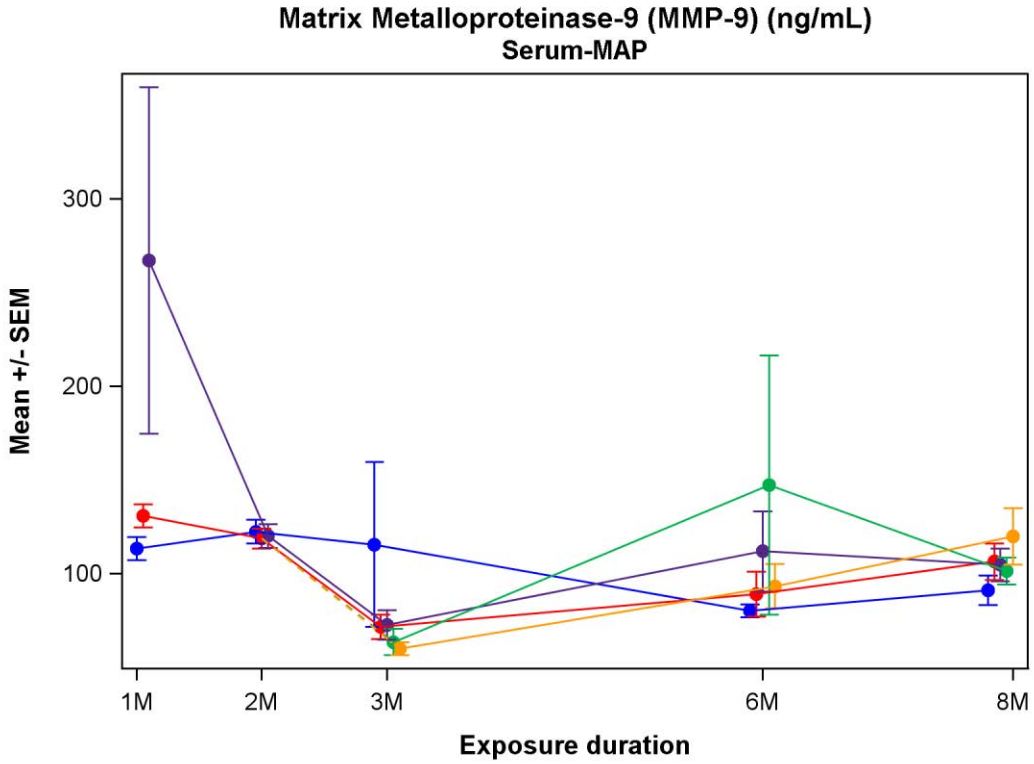
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.50	0	2.40	2.60	2.70	2.80	3.20	2.71	0.21	0.07	7.67			
	3R4F	10	0.50	0	2.30	2.30	2.80	2.90	3.50	2.75	0.39	0.12	14.16	-		
	THS2.2	10	0.50	0	2.60	2.70	2.95	3.50	3.60	3.05	0.39	0.12	12.86	*	-	
2M	Sham	10	0.50	0	2.80	3.00	3.25	3.30	3.60	3.20	0.24	0.08	7.51			
	3R4F	10	0.50	0	2.40	2.90	3.10	3.40	3.50	3.11	0.34	0.11	10.98	-		
	THS2.2	10	0.50	0	2.30	2.70	2.95	3.20	3.80	2.99	0.40	0.13	13.51	-	-	
3M	Sham	10	0.50	0	3.60	3.80	4.35	4.80	7.40	4.55	1.12	0.35	24.65			
	3R4F	10	0.50	0	3.40	3.60	4.15	4.80	8.90	4.61	1.61	0.51	34.85	(-)		
	THS2.2	10	0.50	0	3.50	3.80	3.95	4.40	7.20	4.31	1.08	0.34	25.07	(-)	(-)	
	cess	10	0.50	0	3.40	3.80	4.00	4.20	4.40	3.98	0.29	0.09	7.19	-	-	
	switch	10	0.50	0	3.10	3.80	3.85	4.00	4.70	3.87	0.43	0.14	11.10	-	(-)	-
6M	Sham	9	0.50	0	4.30	4.50	5.00	5.30	5.70	4.91	0.51	0.17	10.45			
	3R4F	10	0.50	0	4.30	4.60	5.00	5.20	6.10	5.03	0.54	0.17	10.65	-		
	THS2.2	10	0.50	0	4.30	4.80	5.10	5.60	7.10	5.27	0.81	0.26	15.44	-	-	
	cess	10	0.50	0	4.30	4.50	4.65	5.30	6.80	5.02	0.77	0.24	15.40	-	-	
	switch	10	0.50	0	4.30	4.50	4.80	4.90	5.10	4.70	0.26	0.08	5.49	-	-	-
8M	Sham	10	0.54	0	2.50	3.00	3.15	3.40	3.90	3.17	0.41	0.13	12.80			
	3R4F	10	0.54	0	2.70	3.00	3.30	3.60	3.70	3.26	0.37	0.12	11.22	-		
	THS2.2	10	0.54	0	2.60	3.00	3.25	3.60	6.00	3.46	0.96	0.30	27.80	-	-	
	cess	10	0.54	0	3.10	3.20	3.40	3.60	4.90	3.54	0.53	0.17	15.08	-	-	
	switch	10	0.54	0	2.70	3.60	3.65	4.10	4.80	3.79	0.59	0.19	15.46	*	*	-

Macrophage Inflammatory Protein-3 beta (MIP-3 beta) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.04	-0.34	0.26	0.1505	0.7787	0.6910	-
	Sham	THS2.2	-0.34	-0.64	-0.04	0.2459	0.0300	0.0451	*
	3R4F	THS2.2	-0.30	-0.67	0.07	0.0976	0.1033	0.1104	-
2M	Sham	3R4F	0.09	-0.19	0.37	0.8253	0.5051	0.7182	-
	Sham	THS2.2	0.21	-0.11	0.53	0.7271	0.1786	0.1139	-
	3R4F	THS2.2	0.12	-0.23	0.47	0.8939	0.4826	0.3415	-
3M	Sham	3R4F	-0.06	-1.37	1.25	0.0001	0.9241	0.7020	(-)
	Sham	THS2.2	0.24	-0.79	1.27	0.0001	0.6320	0.5394	(-)
	Sham	cess	0.57	-0.24	1.38	0.2119	0.1500	0.3043	-
	Sham	switch	0.68	-0.15	1.51	0.0857	0.0996	0.1802	-
	3R4F	THS2.2	0.30	-1.00	1.60	0.0001	0.6309	0.7013	(-)
	3R4F	cess	0.63	-0.53	1.79	0.0527	0.2514	0.4337	-
	3R4F	switch	0.74	-0.43	1.91	0.0263	0.1889	0.2018	(-)
	cess	switch	0.11	-0.24	0.46	0.6525	0.5101	0.3998	-
6M	Sham	3R4F	-0.12	-0.63	0.39	0.3697	0.6278	0.6737	-
	Sham	THS2.2	-0.36	-1.02	0.30	0.2373	0.2633	0.4341	-
	Sham	cess	-0.11	-0.74	0.52	0.0728	0.7200	0.7676	-
	Sham	switch	0.21	-0.20	0.63	0.1507	0.2883	0.3839	-
	3R4F	THS2.2	-0.24	-0.89	0.41	0.1566	0.4476	0.6157	-
	3R4F	cess	0.01	-0.62	0.64	0.0619	0.9736	0.7003	-
	3R4F	switch	0.33	-0.08	0.74	0.6833	0.1028	0.1101	-
	cess	switch	0.32	-0.25	0.89	0.3805	0.2402	0.5647	-
8M	Sham	3R4F	-0.09	-0.45	0.27	0.5642	0.6087	0.5082	-
	Sham	THS2.2	-0.29	-1.01	0.43	0.0647	0.3967	0.6877	-
	Sham	cess	-0.37	-0.82	0.08	0.1221	0.0992	0.0824	-
	Sham	switch	-0.62	-1.10	-0.14	0.5311	0.0142	0.0100	*
	3R4F	THS2.2	-0.20	-0.91	0.51	0.3376	0.5507	0.9134	-
	3R4F	cess	-0.28	-0.71	0.15	0.3501	0.1902	0.4501	-
	3R4F	switch	-0.53	-1.00	-0.06	0.6911	0.0282	0.0224	*
	cess	switch	-0.25	-0.78	0.28	0.0513	0.3318	0.1148	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
Serum-MAP

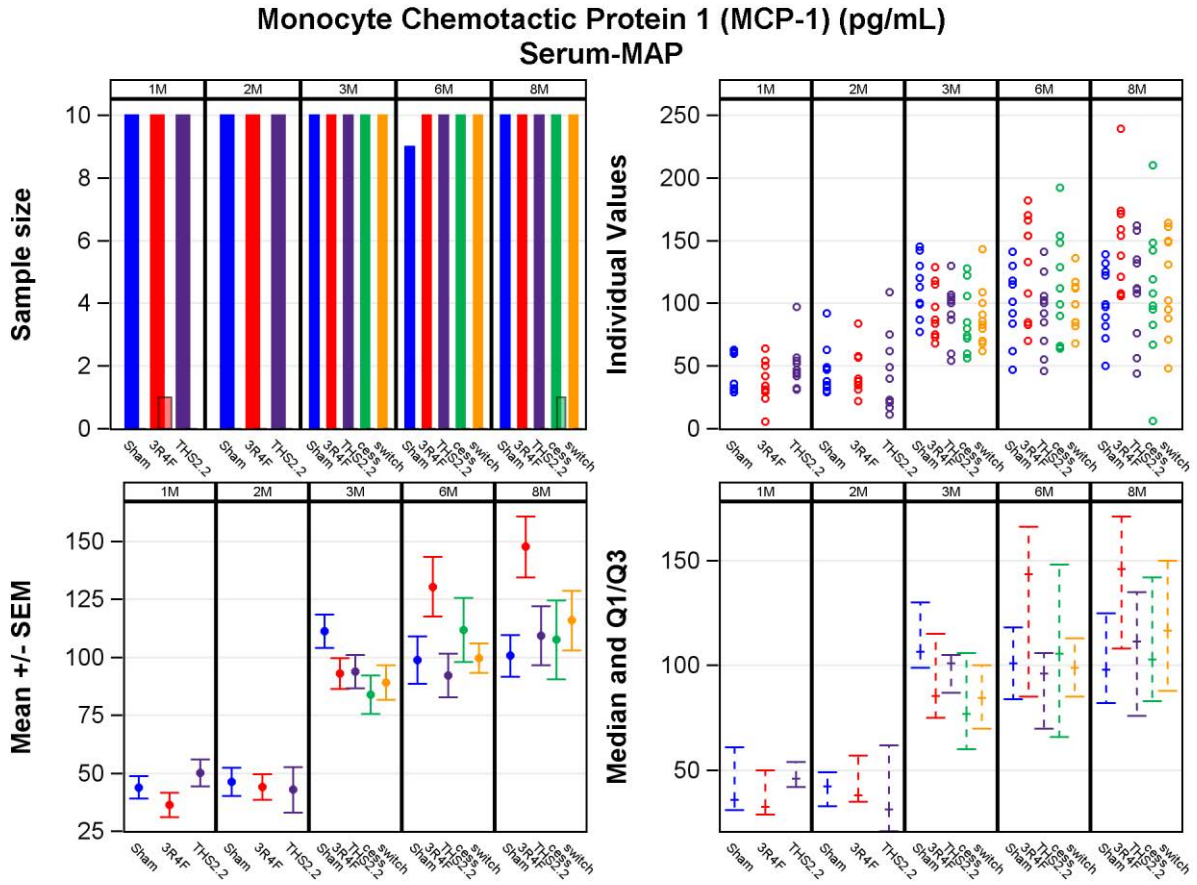
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	14.00	0	83.00	98.00	112.50	127.00	144.00	113.40	19.29	6.10	17.01			
	3R4F	10	14.00	0	104.00	114.00	130.00	136.00	169.00	130.90	19.84	6.27	15.16	-		
	THS2.2	10	14.00	0	96.00	122.00	131.00	188.00	836.00	267.30	292.46	92.48	109.41	(-)	(-)	
2M	Sham	10	14.00	0	94.00	112.00	116.00	134.00	157.00	122.50	20.08	6.35	16.39			
	3R4F	10	14.00	0	84.00	112.00	119.50	134.00	137.00	118.90	16.80	5.31	14.13	-		
	THS2.2	10	14.00	0	97.00	105.00	119.00	137.00	161.00	120.20	20.17	6.38	16.78	-	-	
3M	Sham	10	8.40	0	34.00	58.00	66.00	76.00	497.00	115.70	139.07	43.98	120.20			
	3R4F	10	8.40	0	50.00	54.00	69.00	87.00	104.00	71.60	20.45	6.47	28.56	(-)		
	THS2.2	10	8.40	0	46.00	54.00	61.50	100.00	111.00	72.70	24.75	7.83	34.05	(-)	(-)	
	cess	10	8.40	0	45.00	56.00	58.00	59.00	123.00	63.60	22.11	6.99	34.76	(-)	(-)	
	switch	10	8.40	0	42.00	55.00	61.00	65.00	83.00	60.10	11.11	3.51	18.49	(-)	-	(-)
6M	Sham	9	8.40	0	66.00	73.00	77.00	89.00	98.00	80.33	10.10	3.37	12.57			
	3R4F	10	8.40	0	64.00	67.00	70.00	112.00	177.00	89.10	37.66	11.91	42.26	(-)		
	THS2.2	10	8.40	0	58.00	84.00	90.50	123.00	295.00	112.00	67.64	21.39	60.39	(-)	(-)	
	cess	10	8.40	0	64.00	75.00	80.50	85.00	771.00	147.40	219.30	69.35	148.78	(-)	(-)	
	switch	10	8.40	0	54.00	67.00	87.50	102.00	161.00	93.40	37.11	11.74	39.73	-	(-)	(-)
8M	Sham	10	8.40	0	53.00	74.00	87.50	106.00	130.00	91.10	24.88	7.87	27.31			
	3R4F	10	8.40	0	73.00	89.00	99.50	112.00	182.00	106.50	31.11	9.84	29.21	-		
	THS2.2	10	8.40	0	72.00	87.00	101.00	125.00	164.00	104.80	27.96	8.84	26.68	-	(-)	
	cess	10	8.40	0	70.00	87.00	96.50	130.00	132.00	101.50	22.98	7.27	22.64	-	-	
	switch	10	8.40	0	55.00	94.00	107.50	139.00	223.00	120.00	47.63	15.06	39.69	-	(-)	-

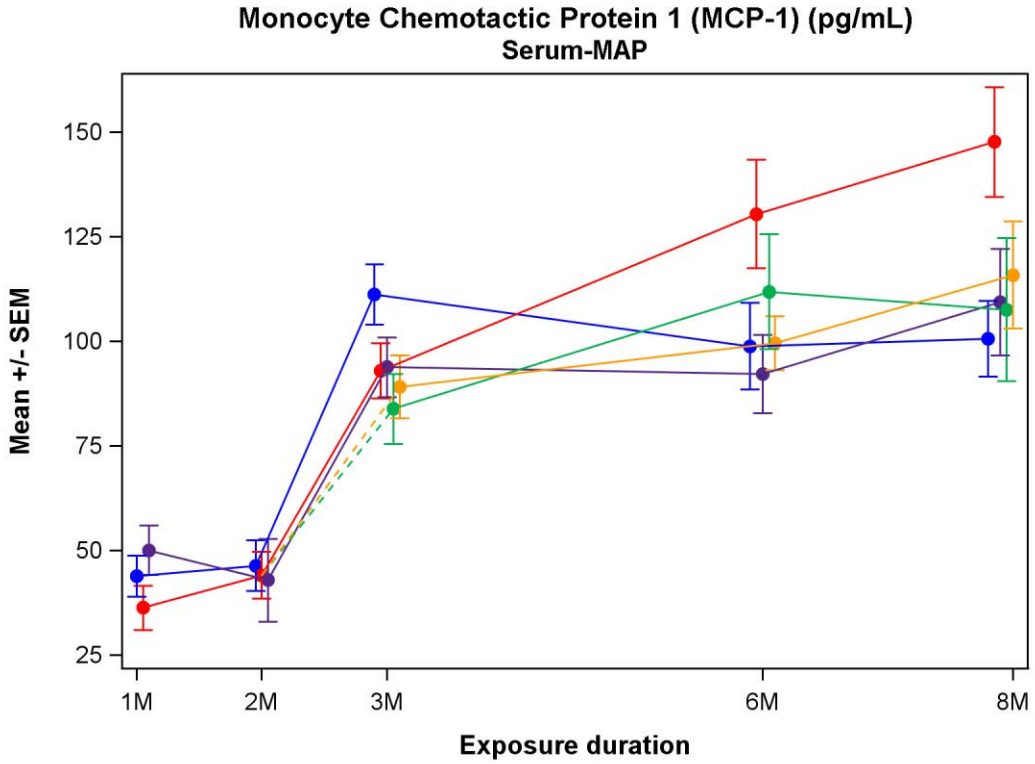
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Matrix Metalloproteinase-9 (MMP-9) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-17.50	-35.89	0.89	0.8587	0.0609	0.0621	-
	Sham	THS2.2	-153.9	-363.3	55.49	0.0188	0.1309	0.0950	(-)
	3R4F	THS2.2	-136.4	-345.8	73.00	0.0057	0.1749	0.8087	(-)
2M	Sham	3R4F	3.60	-13.83	21.03	0.9396	0.6690	0.9884	-
	Sham	THS2.2	2.30	-16.61	21.21	0.2664	0.8012	0.9277	-
	3R4F	THS2.2	-1.30	-18.78	16.18	0.9588	0.8773	0.9270	-
3M	Sham	3R4F	44.10	-55.82	144.02	0.0033	0.3460	1.0000	(-)
	Sham	THS2.2	43.00	-57.14	143.14	0.0016	0.3594	0.6865	(-)
	Sham	cess	52.10	-47.90	152.10	0.0001	0.2706	0.1841	(-)
	Sham	switch	55.60	-44.01	155.21	0.0037	0.2389	0.2418	(-)
	3R4F	THS2.2	-1.10	-22.48	20.28	0.0091	0.9150	0.9869	(-)
	3R4F	cess	8.00	-12.01	28.01	0.0062	0.4119	0.4670	(-)
	3R4F	switch	11.50	-4.29	27.29	0.5874	0.1406	0.2479	-
	cess	switch	3.50	-13.37	20.37	0.0104	0.6618	0.5500	(-)
6M	Sham	3R4F	-8.77	-36.19	18.66	0.0194	0.4942	0.3246	(-)
	Sham	THS2.2	-31.67	-80.30	16.96	0.0115	0.1761	0.1255	(-)
	Sham	cess	-67.07	-224.0	89.88	0.0007	0.3592	0.9518	(-)
	Sham	switch	-13.07	-40.11	13.97	0.1500	0.3086	0.7057	-
	3R4F	THS2.2	-22.90	-75.37	29.57	0.0001	0.3653	0.1660	(-)
	3R4F	cess	-58.30	-216.1	99.54	0.0001	0.4276	0.4567	(-)
	3R4F	switch	-4.30	-39.43	30.83	0.0040	0.7999	0.9049	(-)
	cess	switch	54.00	-103.8	211.81	0.0002	0.4613	0.6692	(-)
8M	Sham	3R4F	-15.40	-41.96	11.16	0.2992	0.2380	0.3225	-
	Sham	THS2.2	-13.70	-38.59	11.19	0.5732	0.2623	0.3664	-
	Sham	cess	-10.40	-32.91	12.11	0.1859	0.3445	0.4253	-
	Sham	switch	-28.90	-65.46	7.66	0.5373	0.1118	0.1175	-
	3R4F	THS2.2	1.70	-26.11	29.51	0.0221	0.8992	0.9103	(-)
	3R4F	cess	5.00	-20.86	30.86	0.1959	0.6879	0.8441	-
	3R4F	switch	-13.50	-51.74	24.74	0.0238	0.4643	0.4419	(-)
	cess	switch	-18.50	-54.64	17.64	0.2440	0.2887	0.3820	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cessation
switch


Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
Serum-MAP

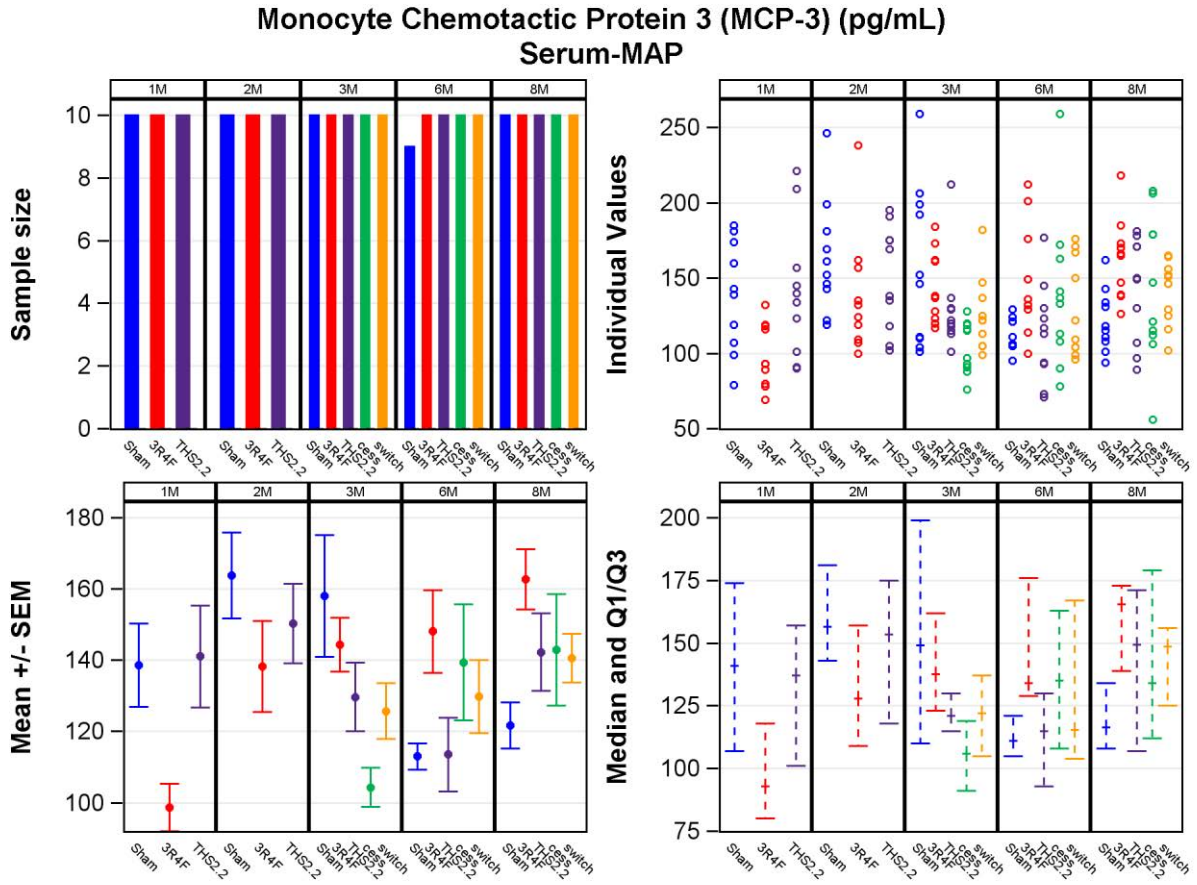
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	11.00	0	29.00	31.00	36.00	61.00	63.00	43.90	15.35	4.85	34.97			
	3R4F	10	11.00	1	5.50	29.00	32.50	50.00	64.00	36.35	16.76	5.30	46.10	-		
	THS2.2	10	11.00	0	31.00	42.00	46.00	54.00	97.00	50.10	18.55	5.87	37.03	(-)	-	
2M	Sham	10	11.00	0	29.00	33.00	42.50	49.00	92.00	46.40	19.20	6.07	41.37			
	3R4F	10	11.00	0	22.00	35.00	38.00	57.00	84.00	44.10	17.71	5.60	40.16	(-)		
	THS2.2	10	11.00	0	11.00	21.00	31.50	62.00	109.00	42.90	31.29	9.89	72.93	(-)	(-)	
3M	Sham	10	12.00	0	77.00	99.00	106.50	130.00	145.00	111.30	22.80	7.21	20.49			
	3R4F	10	12.00	0	68.00	75.00	85.50	115.00	129.00	93.00	21.00	6.64	22.58	-		
	THS2.2	10	12.00	0	54.00	87.00	101.00	105.00	130.00	93.90	22.56	7.13	24.03	-	-	
	cess	10	12.00	0	56.00	60.00	77.00	106.00	128.00	83.90	26.39	8.35	31.46	*	(-)	
	switch	10	12.00	0	62.00	70.00	84.50	100.00	143.00	89.20	23.80	7.53	26.68	*	-	-
6M	Sham	9	12.00	0	47.00	84.00	101.00	118.00	141.00	98.89	31.01	10.34	31.36			
	3R4F	10	12.00	0	70.00	85.00	143.50	166.00	182.00	130.50	40.93	12.94	31.36	-		
	THS2.2	10	12.00	0	46.00	70.00	96.00	106.00	141.00	92.20	29.57	9.35	32.07	-	*	
	cess	10	12.00	0	64.00	66.00	105.50	148.00	192.00	111.90	43.50	13.76	38.87	-	-	
	switch	10	12.00	0	68.00	85.00	99.00	113.00	136.00	99.60	20.27	6.41	20.35	-	-	-
8M	Sham	10	12.00	0	50.00	82.00	98.00	125.00	139.00	100.70	28.65	9.06	28.45			
	3R4F	10	12.00	0	106.00	108.00	146.00	171.00	239.00	147.70	41.52	13.13	28.11	**		
	THS2.2	10	12.00	0	44.00	76.00	111.50	135.00	162.00	109.40	40.21	12.71	36.75	-	-	
	cess	10	12.00	1	6.00	83.00	103.00	142.00	210.00	107.60	54.01	17.08	50.20	-	-	
	switch	10	12.00	0	48.00	88.00	116.50	150.00	164.00	115.90	40.65	12.85	35.07	-	-	-

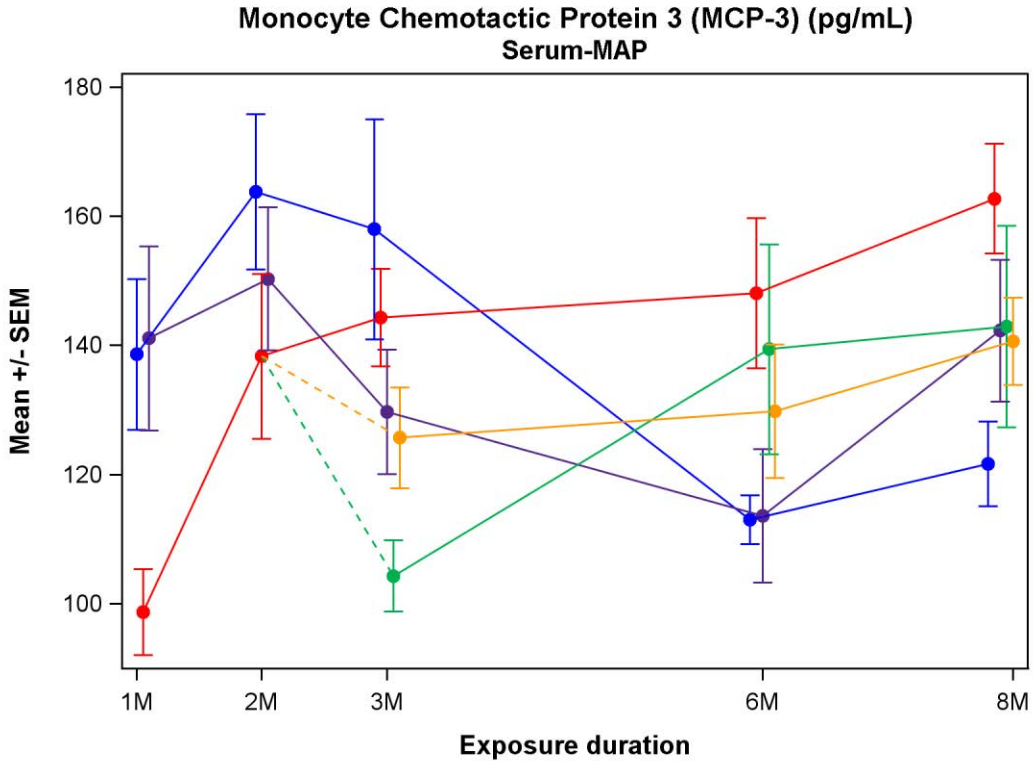
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein 1 (MCP-1) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	7.55	-7.56	22.66	0.1175	0.3074	0.3596	-
	Sham	THS2.2	-6.20	-22.24	9.84	0.0190	0.4265	0.5644	(-)
	3R4F	THS2.2	-13.75	-30.37	2.87	0.2341	0.0992	0.0896	-
2M	Sham	3R4F	2.30	-15.06	19.66	0.0068	0.7838	0.9576	(-)
	Sham	THS2.2	3.50	-21.25	28.25	0.0058	0.7672	0.4479	(-)
	3R4F	THS2.2	1.20	-23.15	25.55	0.0202	0.9174	0.6204	(-)
3M	Sham	3R4F	18.30	-2.30	38.90	0.2208	0.0784	0.0534	-
	Sham	THS2.2	17.40	-3.91	38.71	0.5687	0.1035	0.2706	-
	Sham	cess	27.40	4.19	50.61	0.1515	0.0233	0.0297	*
	Sham	switch	22.10	0.20	44.00	0.5613	0.0482	0.0430	*
	3R4F	THS2.2	-0.90	-21.38	19.58	0.9202	0.9274	0.6365	-
	3R4F	cess	9.10	-13.39	31.59	0.0289	0.4053	0.3103	(-)
	3R4F	switch	3.80	-17.31	24.91	0.0960	0.7095	0.5935	-
	cess	switch	-5.30	-28.93	18.33	0.0621	0.6429	0.4937	-
6M	Sham	3R4F	-31.61	-66.63	3.41	0.1690	0.0738	0.1084	-
	Sham	THS2.2	6.69	-22.77	36.15	0.7618	0.6376	0.6444	-
	Sham	cess	-13.01	-49.45	23.43	0.8519	0.4604	0.6021	-
	Sham	switch	-0.71	-26.88	25.46	0.8987	0.9542	0.8275	-
	3R4F	THS2.2	38.30	4.52	72.08	0.4174	0.0287	0.0475	*
	3R4F	cess	18.60	-21.09	58.29	0.2352	0.3378	0.2856	-
	3R4F	switch	30.90	-0.26	62.06	0.4200	0.0517	0.1144	-
	cess	switch	12.30	-20.56	45.16	0.4514	0.4325	0.7505	-
8M	Sham	3R4F	-47.00	-80.82	-13.18	0.8961	0.0095	0.0129	**
	Sham	THS2.2	-8.70	-41.75	24.35	0.3364	0.5850	0.5435	-
	Sham	cess	-6.90	-48.46	34.66	0.9263	0.7266	0.7419	-
	Sham	switch	-15.20	-48.51	18.11	0.1730	0.3480	0.3958	-
	3R4F	THS2.2	38.30	-0.10	76.70	0.7907	0.0506	0.1341	-
	3R4F	cess	40.10	-5.38	85.58	0.5433	0.0802	0.0540	-
	3R4F	switch	31.80	-6.80	70.40	0.7577	0.1006	0.1020	-
	cess	switch	-8.30	-53.46	36.86	0.9736	0.7027	0.5993	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
Serum-MAP

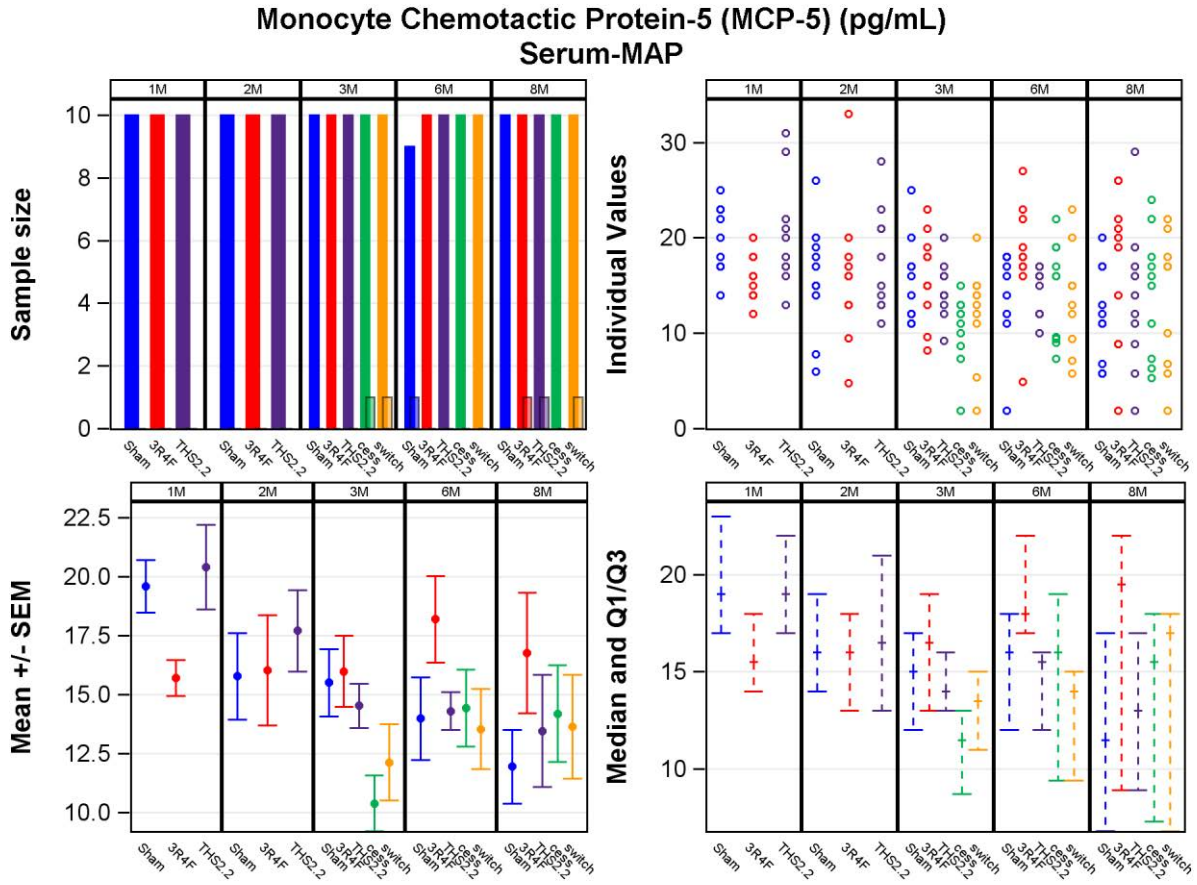
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	5.60	0	79.00	107.00	141.00	174.00	185.00	138.60	36.79	11.64	26.55			
	3R4F	10	5.60	0	69.00	80.00	93.00	118.00	132.00	98.70	21.11	6.68	21.39	**		
	THS2.2	10	5.60	0	90.00	101.00	137.00	157.00	221.00	141.10	45.18	14.29	32.02	-	*	
2M	Sham	10	5.60	0	119.00	143.00	156.50	181.00	246.00	163.80	37.96	12.00	23.18			
	3R4F	10	5.60	0	100.00	109.00	128.00	157.00	238.00	138.30	40.53	12.82	29.31	(-)		
	THS2.2	10	5.60	0	102.00	118.00	153.50	175.00	195.00	150.30	35.02	11.07	23.30	-	-	
3M	Sham	10	6.50	0	101.00	110.00	149.00	199.00	259.00	158.00	53.95	17.06	34.15			
	3R4F	10	6.50	0	117.00	123.00	137.50	162.00	184.00	144.30	23.90	7.56	16.56	(-)		
	THS2.2	10	6.50	0	101.00	115.00	121.00	130.00	212.00	129.70	30.62	9.68	23.61	(-)	(-)	
	cess	10	6.50	0	76.00	91.00	106.00	119.00	128.00	104.30	17.32	5.48	16.61	*	***	
	switch	10	6.50	0	99.00	105.00	122.00	137.00	182.00	125.70	24.74	7.82	19.68	(-)	-	*
6M	Sham	9	6.50	0	95.00	105.00	111.00	121.00	129.00	113.00	11.24	3.75	9.94			
	3R4F	10	6.50	0	100.00	129.00	134.00	176.00	212.00	148.10	36.77	11.63	24.83	*		
	THS2.2	10	6.50	0	71.00	93.00	115.00	130.00	177.00	113.60	32.74	10.35	28.82	-	*	
	cess	10	6.50	0	78.00	108.00	135.00	163.00	259.00	139.40	51.50	16.28	36.94	-	-	
	switch	10	6.50	0	96.00	104.00	115.50	167.00	176.00	129.80	32.56	10.30	25.08	(-)	(-)	-
8M	Sham	10	6.50	0	94.00	108.00	116.50	134.00	162.00	121.70	20.74	6.56	17.04			
	3R4F	10	6.50	0	126.00	139.00	165.50	173.00	218.00	162.70	26.87	8.50	16.51	**		
	THS2.2	10	6.50	0	89.00	107.00	149.50	171.00	181.00	142.30	34.66	10.96	24.36	-	-	
	cess	10	6.50	0	56.00	112.00	134.00	179.00	208.00	142.90	49.41	15.62	34.57	-	-	
	switch	10	6.50	0	102.00	125.00	148.50	156.00	165.00	140.60	21.40	6.77	15.22	-	-	-

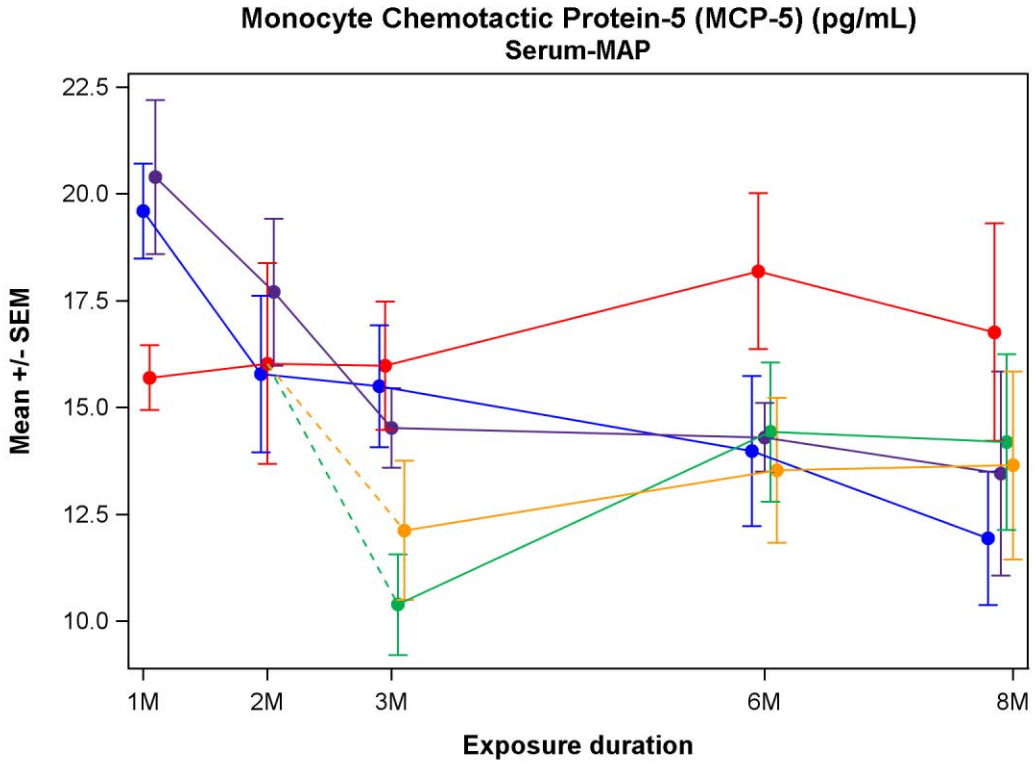
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein 3 (MCP-3) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	39.90	11.19	68.61	0.3089	0.0098	0.0112	**
	Sham	THS2.2	-2.50	-41.32	36.32	0.6061	0.8936	0.9723	-
	3R4F	THS2.2	-42.40	-76.54	-8.26	0.2120	0.0189	0.0101	*
2M	Sham	3R4F	25.50	-11.40	62.40	0.0156	0.1638	0.0722	(-)
	Sham	THS2.2	13.50	-20.83	47.83	0.5461	0.4194	0.5093	-
	3R4F	THS2.2	-12.00	-47.64	23.64	0.3106	0.4879	0.3160	-
3M	Sham	3R4F	13.70	-26.81	54.21	0.0375	0.4765	0.9102	(-)
	Sham	THS2.2	28.30	-13.71	70.31	0.0103	0.1708	0.5334	(-)
	Sham	cess	53.70	14.19	93.21	0.1952	0.0123	0.0223	*
	Sham	switch	32.30	-8.37	72.97	0.0372	0.1097	0.2587	(-)
	3R4F	THS2.2	14.60	-11.31	40.51	0.0170	0.2509	0.0772	(-)
	3R4F	cess	40.00	20.25	59.75	0.1615	0.0005	0.0007	***
	3R4F	switch	18.60	-4.26	41.46	0.0836	0.1045	0.0816	-
	cess	switch	-21.40	-41.64	-1.16	0.5311	0.0395	0.0410	*
6M	Sham	3R4F	-35.10	-62.04	-8.16	0.3099	0.0154	0.0057	*
	Sham	THS2.2	-0.60	-24.76	23.56	0.8259	0.9575	0.9553	-
	Sham	cess	-26.40	-63.66	10.86	0.6932	0.1454	0.1480	-
	Sham	switch	-16.80	-40.83	7.23	0.0461	0.1526	0.6495	(-)
	3R4F	THS2.2	34.50	1.76	67.24	0.2576	0.0400	0.0363	*
	3R4F	cess	8.70	-33.66	51.06	0.1077	0.6694	0.6187	-
	3R4F	switch	18.30	-14.36	50.96	0.0312	0.2542	0.2299	(-)
	cess	switch	9.60	-31.42	50.62	0.0921	0.6254	0.8375	-
8M	Sham	3R4F	-41.00	-63.65	-18.35	0.3432	0.0014	0.0007	**
	Sham	THS2.2	-20.60	-47.87	6.67	0.6182	0.1281	0.2168	-
	Sham	cess	-21.20	-58.09	15.69	0.8014	0.2346	0.2598	-
	Sham	switch	-18.90	-38.70	0.90	0.9116	0.0602	0.0605	-
	3R4F	THS2.2	20.40	-8.87	49.67	0.5366	0.1596	0.4170	-
	3R4F	cess	19.80	-18.37	57.97	0.9388	0.2844	0.3623	-
	3R4F	switch	22.10	-0.80	45.00	0.9055	0.0576	0.0529	-
	cess	switch	2.30	-34.71	39.31	0.1811	0.8947	1.0000	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
Serum-MAP

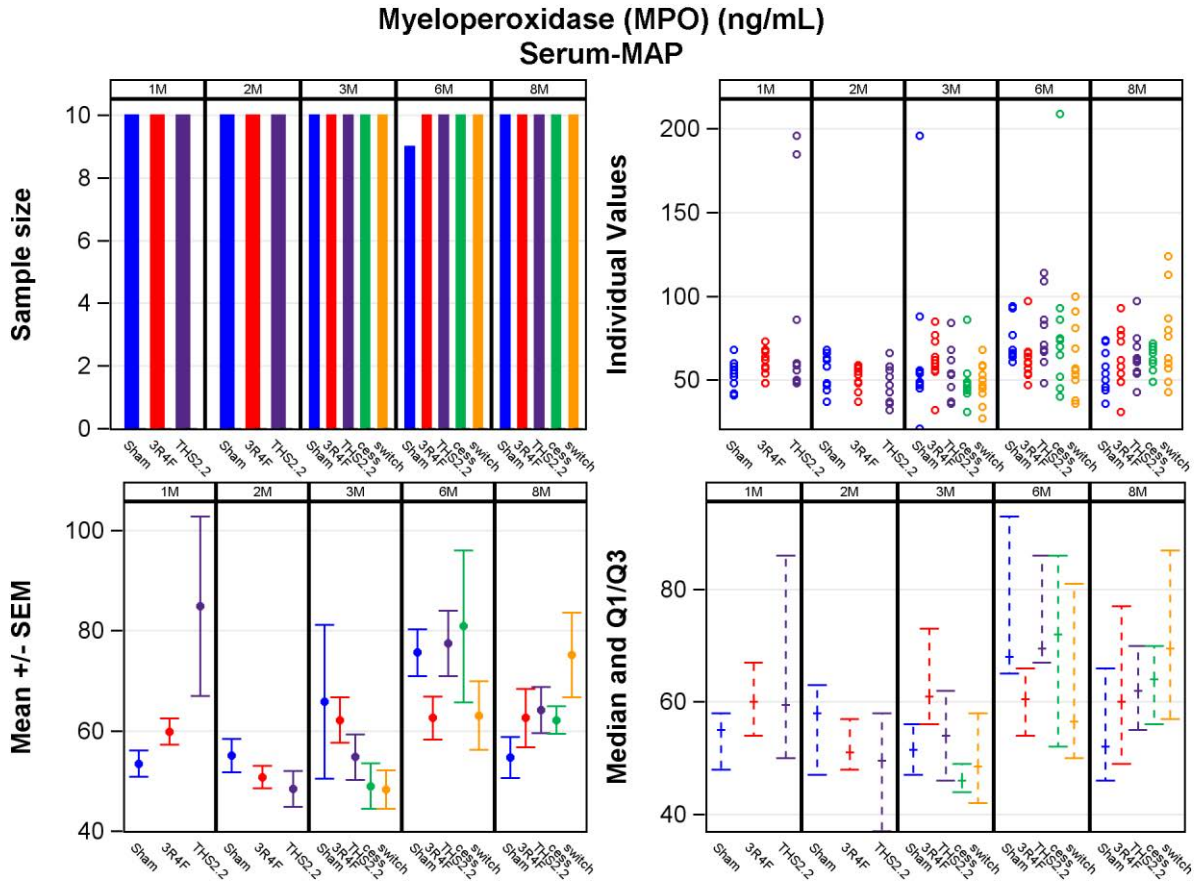
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	2.30	0	14.00	17.00	19.00	23.00	25.00	19.60	3.53	1.12	18.03			
	3R4F	10	2.30	0	12.00	14.00	15.50	18.00	20.00	15.70	2.41	0.76	15.32	*		
	THS2.2	10	2.30	0	13.00	17.00	19.00	22.00	31.00	20.40	5.70	1.80	27.94	-	*	
2M	Sham	10	2.30	0	6.00	14.00	16.00	19.00	26.00	15.78	5.80	1.83	36.76			
	3R4F	10	2.30	0	4.80	13.00	16.00	18.00	33.00	16.03	7.42	2.35	46.30	-		
	THS2.2	10	2.30	0	11.00	13.00	16.50	21.00	28.00	17.70	5.44	1.72	30.72	-	-	
3M	Sham	10	3.70	0	11.00	12.00	15.00	17.00	25.00	15.50	4.50	1.42	29.05			
	3R4F	10	3.70	0	8.20	13.00	16.50	19.00	23.00	15.98	4.76	1.50	29.78	-		
	THS2.2	10	3.70	0	9.20	13.00	14.00	16.00	20.00	14.52	2.95	0.93	20.32	-	-	
	cess	10	3.70	1	1.85	8.70	11.50	13.00	15.00	10.39	3.74	1.18	36.02	*	**	
	switch	10	3.70	1	1.85	11.00	13.50	15.00	20.00	12.13	5.15	1.63	42.45	-	-	-
6M	Sham	9	3.70	1	1.85	12.00	16.00	18.00	18.00	13.98	5.26	1.75	37.64			
	3R4F	10	3.70	0	4.90	17.00	18.00	22.00	27.00	18.19	5.78	1.83	31.75	(-)		
	THS2.2	10	3.70	0	10.00	12.00	15.50	16.00	17.00	14.30	2.54	0.80	17.77	(-)	-	
	cess	10	3.70	0	7.30	9.40	16.00	19.00	22.00	14.43	5.16	1.63	35.75	-	-	
	switch	10	3.70	0	5.80	9.40	14.00	15.00	23.00	13.53	5.36	1.70	39.63	-	-	-
8M	Sham	10	3.70	0	5.80	6.80	11.50	17.00	20.00	11.94	4.95	1.57	41.49			
	3R4F	10	3.70	1	1.85	8.90	19.50	22.00	26.00	16.77	8.06	2.55	48.10	-		
	THS2.2	10	3.70	1	1.85	8.90	13.00	17.00	29.00	13.46	7.56	2.39	56.16	-	-	
	cess	10	3.70	0	5.30	7.30	15.50	18.00	24.00	14.19	6.52	2.06	45.94	-	-	
	switch	10	3.70	1	1.85	6.80	17.00	18.00	22.00	13.65	6.97	2.20	51.09	-	(-)	-

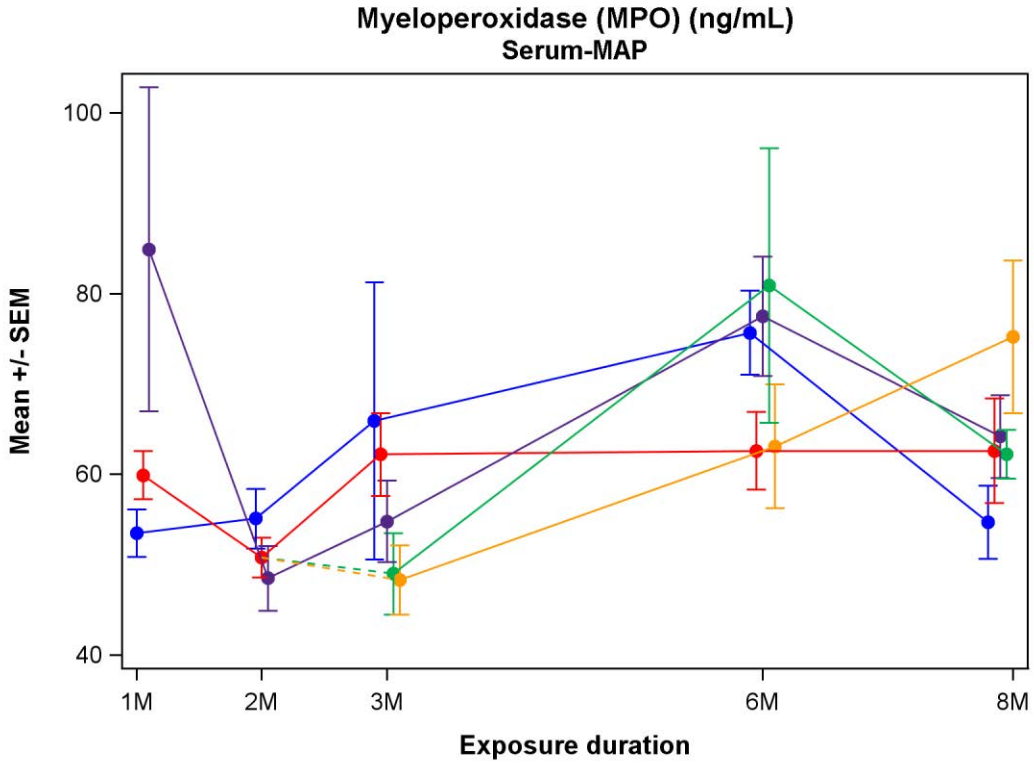
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Monocyte Chemotactic Protein-5 (MCP-5) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	3.90	1.03	6.77	0.2136	0.0108	0.0182	*
	Sham	THS2.2	-0.80	-5.32	3.72	0.2732	0.7113	0.9240	-
	3R4F	THS2.2	-4.70	-8.96	-0.44	0.1580	0.0332	0.0296	*
2M	Sham	3R4F	-0.25	-6.53	6.03	0.3307	0.9341	0.8082	-
	Sham	THS2.2	-1.92	-7.20	3.36	0.8896	0.4550	0.6583	-
	3R4F	THS2.2	-1.67	-7.82	4.48	0.3393	0.5737	0.4884	-
3M	Sham	3R4F	-0.48	-4.83	3.87	0.9348	0.8194	0.6698	-
	Sham	THS2.2	0.98	-2.64	4.60	0.6468	0.5731	0.8453	-
	Sham	cess	5.12	1.22	9.01	0.8804	0.0131	0.0205	*
	Sham	switch	3.38	-1.17	7.92	0.9048	0.1363	0.2876	-
	3R4F	THS2.2	1.46	-2.31	5.23	0.8583	0.4225	0.3590	-
	3R4F	cess	5.60	1.56	9.63	0.3724	0.0095	0.0143	**
	3R4F	switch	3.86	-0.80	8.51	0.2652	0.0992	0.1066	-
	cess	switch	-1.74	-6.00	2.52	0.0620	0.3996	0.2055	-
6M	Sham	3R4F	-4.21	-9.55	1.14	0.0113	0.1151	0.0667	(-)
	Sham	THS2.2	-0.32	-4.55	3.92	0.0183	0.8726	0.5274	(-)
	Sham	cess	-0.45	-5.51	4.61	0.1531	0.8543	0.9842	-
	Sham	switch	0.45	-4.70	5.60	0.8047	0.8548	0.6207	-
	3R4F	THS2.2	3.89	-0.44	8.22	0.3608	0.0743	0.0086	-
	3R4F	cess	3.76	-1.39	8.91	0.6972	0.1423	0.1515	-
	3R4F	switch	4.66	-0.58	9.90	0.6864	0.0780	0.0413	-
	cess	switch	0.90	-4.04	5.84	0.3078	0.7066	0.5339	-
8M	Sham	3R4F	-4.83	-11.21	1.56	0.5546	0.1278	0.1073	-
	Sham	THS2.2	-1.51	-7.59	4.56	0.7468	0.6035	0.7514	-
	Sham	cess	-2.25	-7.72	3.22	0.1800	0.3971	0.4696	-
	Sham	switch	-1.70	-7.43	4.02	0.3443	0.5372	0.4928	-
	3R4F	THS2.2	3.31	-4.03	10.65	0.9554	0.3561	0.2836	-
	3R4F	cess	2.57	-4.34	9.49	0.3026	0.4429	0.3614	-
	3R4F	switch	3.12	-3.97	10.21	0.0398	0.3672	0.2902	(-)
	cess	switch	0.55	-5.80	6.89	0.1454	0.8587	0.9821	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Myeloperoxidase (MPO) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Myeloperoxidase (MPO) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

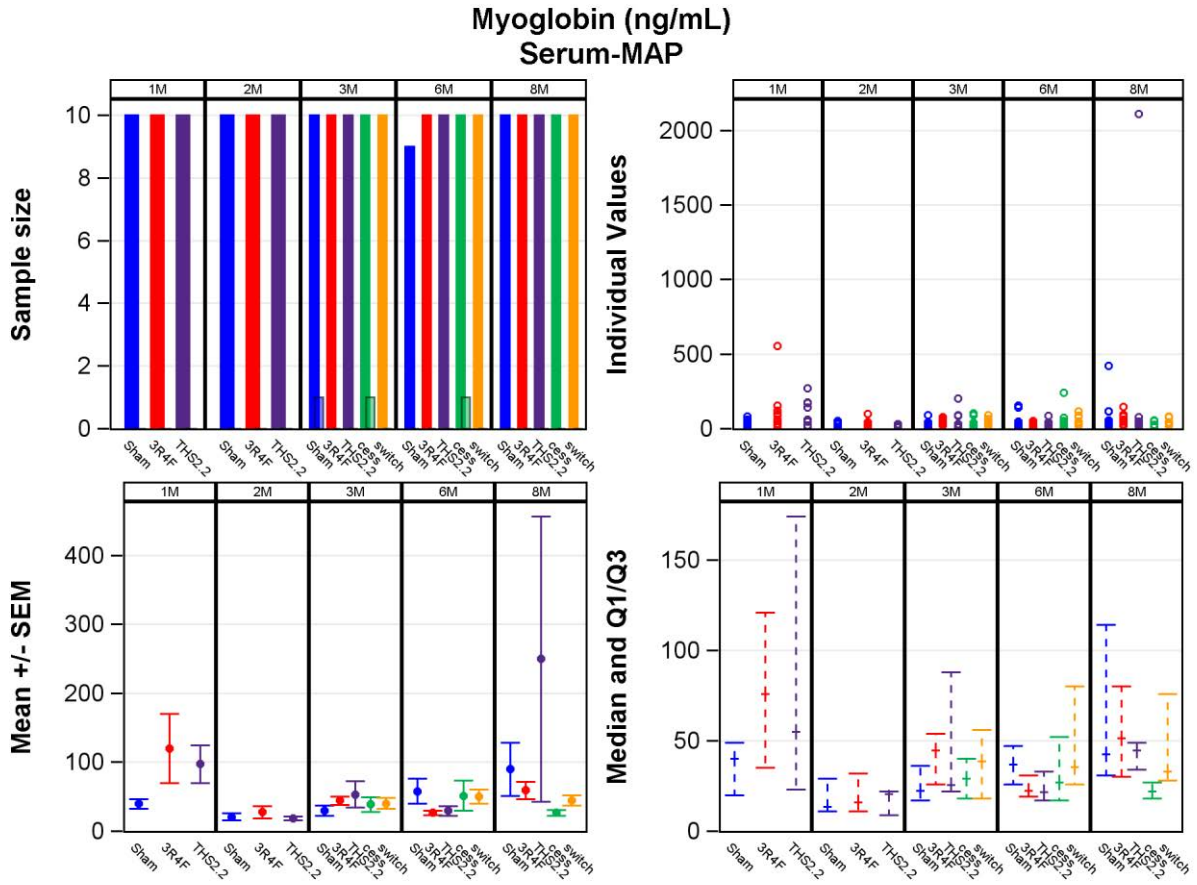
Myeloperoxidase (MPO) (ng/mL)
Serum-MAP

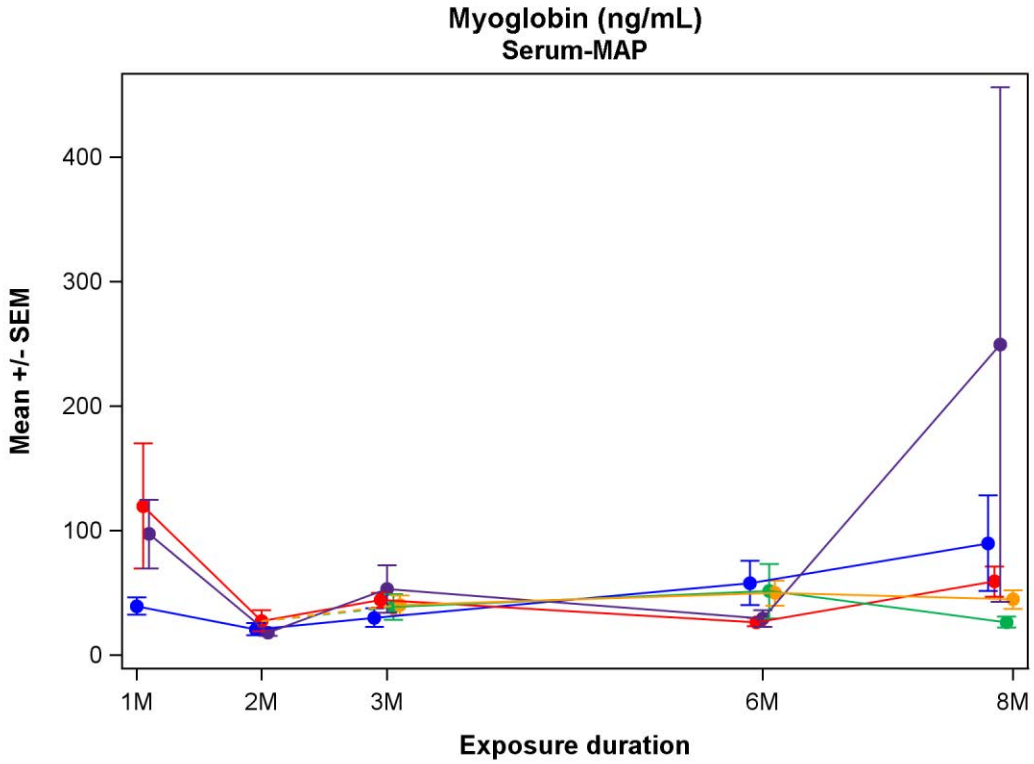
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.66	0	41.00	48.00	55.00	58.00	68.00	53.50	8.21	2.60	15.34			
	3R4F	10	0.66	0	48.00	54.00	60.00	67.00	73.00	59.90	8.43	2.66	14.07	-		
	THS2.2	10	0.66	0	48.00	50.00	59.50	86.00	196.00	84.90	56.74	17.94	66.84	-	-	
2M	Sham	10	0.66	0	37.00	47.00	58.00	63.00	68.00	55.10	10.43	3.30	18.93			
	3R4F	10	0.66	0	37.00	48.00	51.00	57.00	59.00	50.80	7.04	2.23	13.85	-		
	THS2.2	10	0.66	0	32.00	37.00	49.50	58.00	66.00	48.50	11.30	3.57	23.29	-	-	
3M	Sham	10	0.66	0	21.00	47.00	51.50	56.00	196.00	65.90	48.52	15.34	73.63			
	3R4F	10	0.66	0	32.00	56.00	61.00	73.00	85.00	62.20	14.47	4.57	23.26	(-)		
	THS2.2	10	0.66	0	36.00	46.00	54.00	62.00	84.00	54.80	14.27	4.51	26.03	(-)	-	
	cess	10	0.66	0	31.00	44.00	46.00	49.00	86.00	49.00	14.29	4.52	29.16	(-)	+	
	switch	10	0.66	0	27.00	42.00	48.50	58.00	68.00	48.30	12.17	3.85	25.19	-	*	-
6M	Sham	9	0.66	0	61.00	65.00	68.00	93.00	94.00	75.67	13.95	4.65	18.43			
	3R4F	10	0.66	0	47.00	54.00	60.50	66.00	97.00	62.60	13.61	4.30	21.74	+		
	THS2.2	10	0.66	0	48.00	67.00	69.50	86.00	114.00	77.50	20.82	6.58	26.87	(-)	+	
	cess	10	0.66	0	40.00	52.00	72.00	86.00	209.00	80.90	48.11	15.21	59.47	(-)	(-)	
	switch	10	0.66	0	36.00	50.00	56.50	81.00	100.00	63.10	21.66	6.85	34.32	(-)	-	(-)
8M	Sham	10	0.66	0	36.00	46.00	52.00	66.00	74.00	54.70	12.84	4.06	23.48			
	3R4F	10	0.66	0	31.00	49.00	60.00	77.00	93.00	62.60	18.28	5.78	29.20	-		
	THS2.2	10	0.66	0	43.00	55.00	62.00	70.00	97.00	64.20	14.47	4.58	22.55	-	-	
	cess	10	0.66	0	49.00	56.00	64.00	70.00	72.00	62.20	8.55	2.70	13.74	-	-	
	switch	10	0.66	0	43.00	57.00	69.50	87.00	124.00	75.20	26.68	8.44	35.48	*	-	-

Myeloperoxidase (MPO) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-6.40	-14.22	1.42	0.4448	0.1025	0.1202	-
	Sham	THS2.2	-31.40	-72.17	9.37	0.0725	0.1160	0.1561	-
	3R4F	THS2.2	-25.00	-65.77	15.77	0.0633	0.2001	0.8346	-
2M	Sham	3R4F	4.30	-4.14	12.74	0.1718	0.2960	0.3023	-
	Sham	THS2.2	6.60	-3.62	16.82	0.3030	0.1915	0.1453	-
	3R4F	THS2.2	2.30	-6.67	11.27	0.5293	0.5927	0.6192	-
3M	Sham	3R4F	3.70	-31.71	39.11	0.0142	0.8217	0.1181	(-)
	Sham	THS2.2	11.10	-24.29	46.49	0.0054	0.5027	0.9874	(-)
	Sham	cess	16.90	-18.49	52.29	0.0001	0.3143	0.1298	(-)
	Sham	switch	17.60	-17.59	52.79	0.0783	0.2916	0.5121	-
	3R4F	THS2.2	7.40	-6.10	20.90	0.7632	0.2645	0.1088	-
	3R4F	cess	13.20	-0.31	26.71	0.0467	0.0549	0.0127	+
	3R4F	switch	13.90	1.32	26.48	0.6161	0.0323	0.0248	*
	cess	switch	0.70	-11.79	13.19	0.1826	0.9074	0.7075	-
6M	Sham	3R4F	13.07	-0.32	26.45	0.0282	0.0551	0.0303	+
	Sham	THS2.2	-1.83	-18.94	15.27	0.0462	0.8230	0.7932	(-)
	Sham	cess	-5.23	-40.39	29.92	0.0058	0.7486	0.6808	(-)
	Sham	switch	12.57	-5.03	30.16	0.0369	0.1491	0.1313	(-)
	3R4F	THS2.2	-14.90	-31.62	1.82	0.0315	0.0770	0.0200	+
	3R4F	cess	-18.30	-53.33	16.73	0.0002	0.2729	0.3527	(-)
	3R4F	switch	-0.50	-17.72	16.72	0.0669	0.9515	0.7797	-
	cess	switch	17.80	-18.39	53.99	0.0219	0.3062	0.4404	(-)
8M	Sham	3R4F	-7.90	-22.86	7.06	0.5121	0.2798	0.2611	-
	Sham	THS2.2	-9.50	-22.37	3.37	0.3214	0.1382	0.1739	-
	Sham	cess	-7.50	-17.86	2.86	0.3240	0.1441	0.1940	-
	Sham	switch	-20.50	-40.74	-0.26	0.1734	0.0475	0.0600	*
	3R4F	THS2.2	-1.60	-17.15	13.95	0.6277	0.8308	0.8103	-
	3R4F	cess	0.40	-13.41	14.21	0.4124	0.9510	0.9232	-
	3R4F	switch	-12.60	-34.29	9.09	0.6939	0.2358	0.3617	-
	cess	switch	-13.00	-32.54	6.54	0.8601	0.1707	0.3575	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Myoglobin (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Myoglobin (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Myoglobin (ng/mL)
Serum-MAP

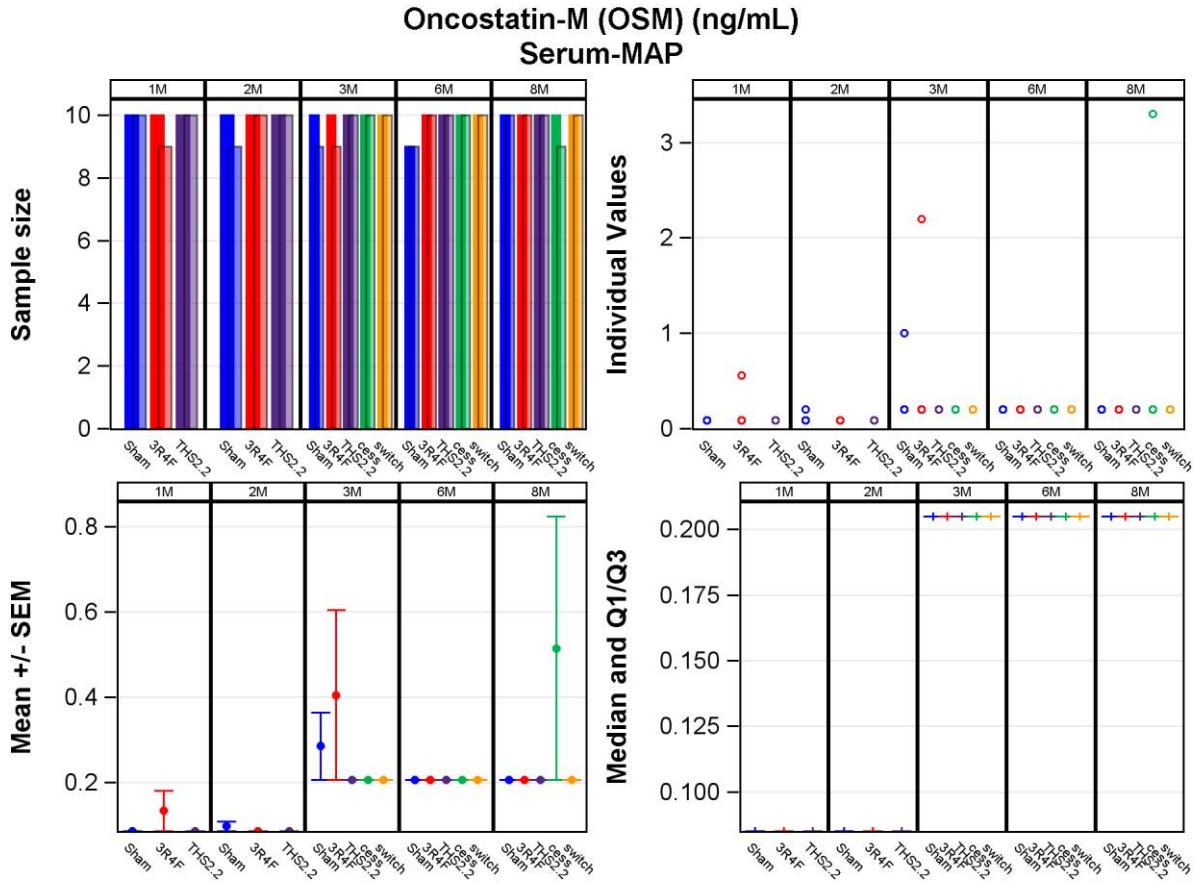
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	6.00	0	11.00	20.00	40.00	49.00	82.00	39.50	21.57	6.82	54.61			
	3R4F	10	6.00	0	13.00	35.00	76.00	121.00	553.00	119.70	158.78	50.21	132.64	(-)		
	THS2.2	10	6.00	0	15.00	23.00	55.00	174.00	269.00	97.40	87.16	27.56	89.48	-	(-)	
2M	Sham	10	6.00	0	7.50	11.00	13.50	29.00	51.00	20.75	15.29	4.84	73.70			
	3R4F	10	6.00	0	9.00	11.00	16.00	32.00	98.00	27.50	27.05	8.55	98.36	(-)		
	THS2.2	10	6.00	0	8.00	9.00	20.50	22.00	31.00	18.25	8.93	2.82	48.93	(-)	(-)	
3M	Sham	10	9.20	1	4.60	17.00	22.50	36.00	89.00	30.16	23.62	7.47	78.32			
	3R4F	10	9.20	0	22.00	26.00	44.50	54.00	76.00	44.20	18.38	5.81	41.58	-		
	THS2.2	10	9.20	0	10.00	22.00	25.50	88.00	203.00	53.20	60.11	19.01	112.99	(-)	(-)	
	cess	10	9.20	1	4.60	18.00	29.00	40.00	104.00	38.76	33.28	10.52	85.86	(-)	(-)	
	switch	10	9.20	0	13.00	18.00	38.50	56.00	89.00	40.30	24.59	7.78	61.03	(-)	-	(-)
6M	Sham	9	9.20	0	11.00	26.00	37.00	47.00	156.00	58.00	53.24	17.75	91.80			
	3R4F	10	9.20	0	14.00	19.00	22.50	31.00	50.00	26.60	11.34	3.58	42.61	(-)		
	THS2.2	10	9.20	0	13.00	17.00	21.50	33.00	86.00	29.50	21.77	6.89	73.81	(-)	(-)	
	cess	10	9.20	1	4.60	17.00	27.00	52.00	240.00	51.36	69.11	21.85	134.55	(-)	(-)	
	switch	10	9.20	0	22.00	26.00	35.50	80.00	115.00	49.90	32.13	10.16	64.38	(-)	+	(-)
8M	Sham	10	9.20	0	16.00	31.00	42.50	114.00	422.00	89.90	121.70	38.49	135.38			
	3R4F	10	9.20	0	21.00	30.00	51.50	80.00	144.00	59.10	38.50	12.17	65.14	(-)		
	THS2.2	10	9.20	0	16.00	34.00	44.50	49.00	2110.0	249.50	653.89	206.78	262.08	(-)	(-)	
	cess	10	9.20	0	14.00	18.00	22.00	27.00	55.00	26.60	14.29	4.52	53.73	+	++	
	switch	10	9.20	0	22.00	28.00	33.00	76.00	81.00	44.70	23.57	7.45	52.72	(-)	(-)	+

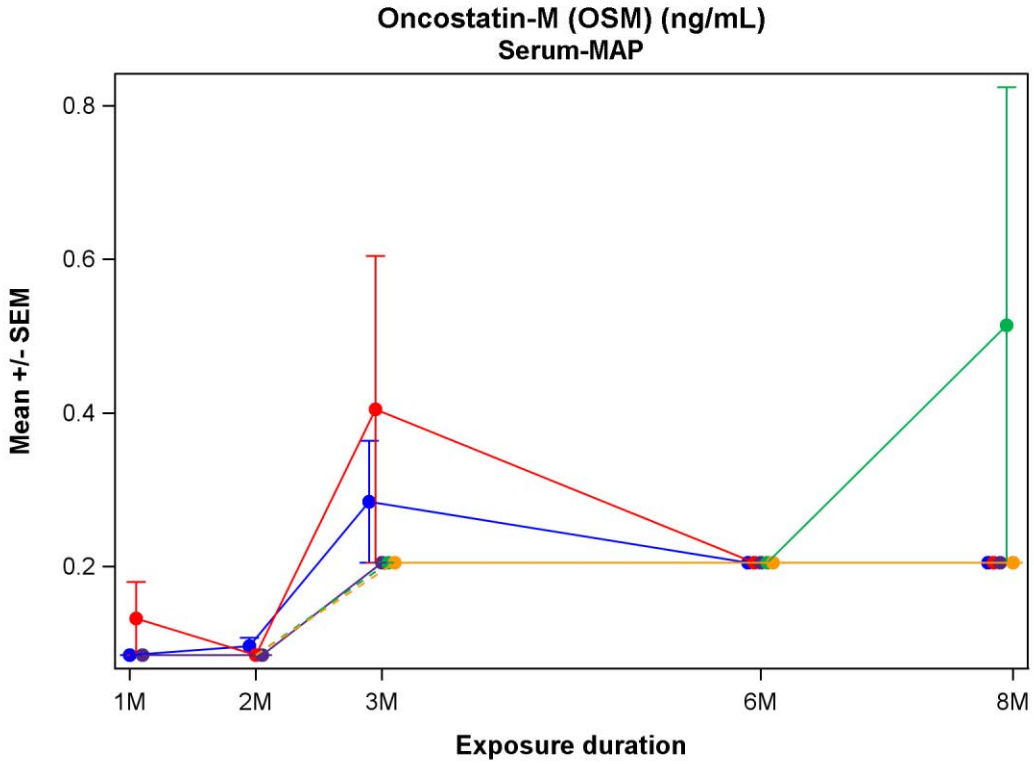
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Myoglobin (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-80.20	-194.2	33.81	0.0092	0.1467	0.0784	(-)
	Sham	THS2.2	-57.90	-121.1	5.28	0.0942	0.0685	0.1695	-
	3R4F	THS2.2	22.30	-100.6	145.17	0.0015	0.7029	0.9689	(-)
2M	Sham	3R4F	-6.75	-27.79	14.29	0.0002	0.5032	0.8143	(-)
	Sham	THS2.2	2.50	-9.47	14.47	0.0369	0.6619	0.9000	(-)
	3R4F	THS2.2	9.25	-10.59	29.09	0.0381	0.3266	0.4373	(-)
3M	Sham	3R4F	-14.04	-34.01	5.93	0.0768	0.1563	0.0628	-
	Sham	THS2.2	-23.04	-67.66	21.58	0.0002	0.2818	0.5731	(-)
	Sham	cess	-8.60	-35.93	18.73	0.0025	0.5145	0.5680	(-)
	Sham	switch	-10.14	-32.80	12.52	0.0300	0.3595	0.3413	(-)
	3R4F	THS2.2	-9.00	-52.91	34.91	0.0398	0.6598	0.3729	(-)
	3R4F	cess	5.44	-20.34	31.22	0.0495	0.6578	0.2141	(-)
	3R4F	switch	3.90	-16.62	24.42	0.1327	0.6930	0.5400	-
	cess	switch	-1.54	-29.20	26.12	0.0231	0.9077	0.7293	(-)
6M	Sham	3R4F	31.40	-9.81	72.61	0.0031	0.1182	0.1279	(-)
	Sham	THS2.2	28.50	-13.71	70.71	0.0003	0.1641	0.1250	(-)
	Sham	cess	6.64	-52.85	66.13	0.0001	0.8164	0.5357	(-)
	Sham	switch	8.10	-36.12	52.32	0.0008	0.6985	1.0000	(-)
	3R4F	THS2.2	-2.90	-19.60	13.80	0.0019	0.7145	0.8099	(-)
	3R4F	cess	-24.76	-74.47	24.95	0.0007	0.2911	0.6493	(-)
	3R4F	switch	-23.30	-46.96	0.36	0.0050	0.0530	0.0383	+
	cess	switch	1.46	-50.72	53.64	0.0003	0.9526	0.2738	(-)
8M	Sham	3R4F	30.80	-58.26	119.86	0.0006	0.4618	1.0000	(-)
	Sham	THS2.2	-159.6	-630.7	311.54	0.0001	0.4661	0.9548	(-)
	Sham	cess	63.30	-24.00	150.60	0.0001	0.1359	0.0225	+
	Sham	switch	45.20	-42.55	132.95	0.0004	0.2766	0.4467	(-)
	3R4F	THS2.2	-190.4	-658.5	277.68	0.0001	0.3818	0.8140	(-)
	3R4F	cess	32.50	4.05	60.95	0.0032	0.0286	0.0062	++
	3R4F	switch	14.40	-16.04	44.84	0.0072	0.3291	0.5602	(-)
	cess	switch	-18.10	-36.70	0.50	0.0008	0.0556	0.0138	+

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Oncostatin-M (OSM) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Oncostatin-M (OSM) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

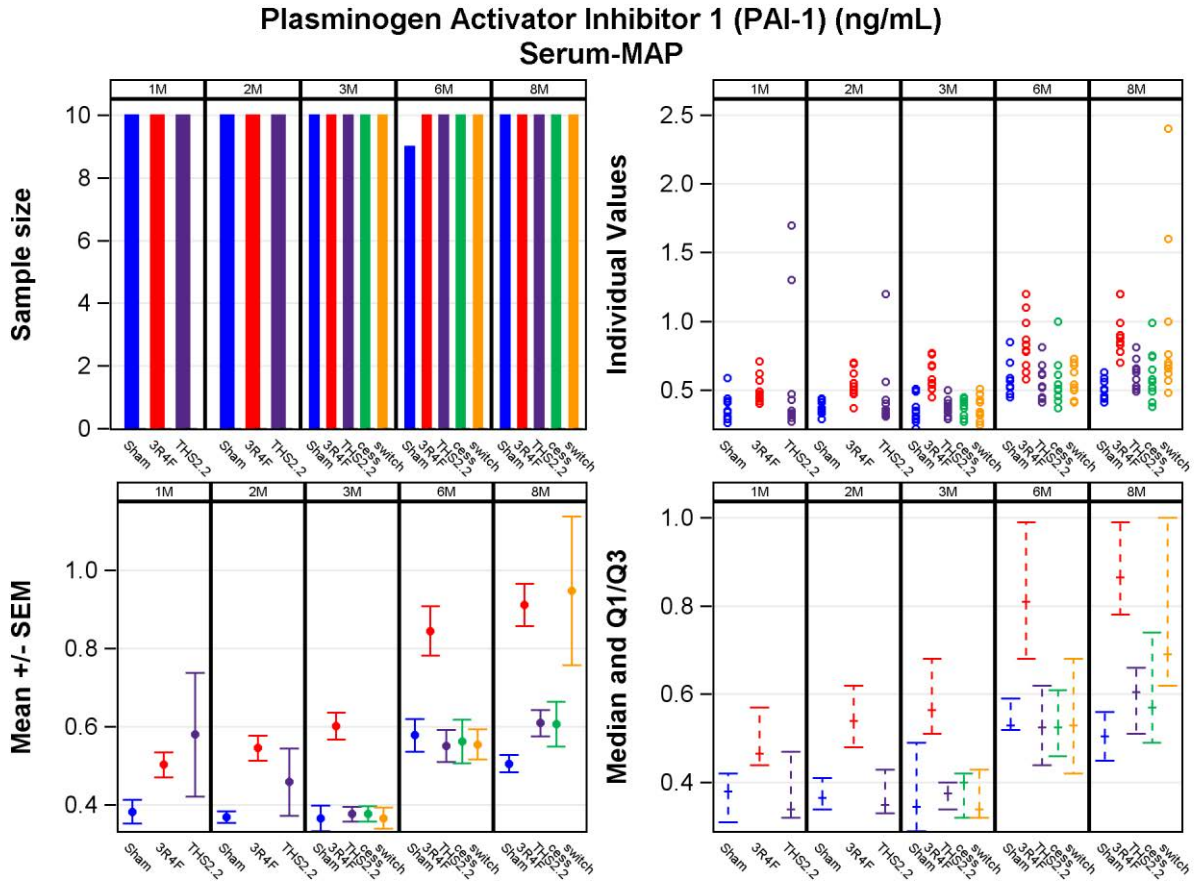
Oncostatin-M (OSM) (ng/mL)
Serum-MAP

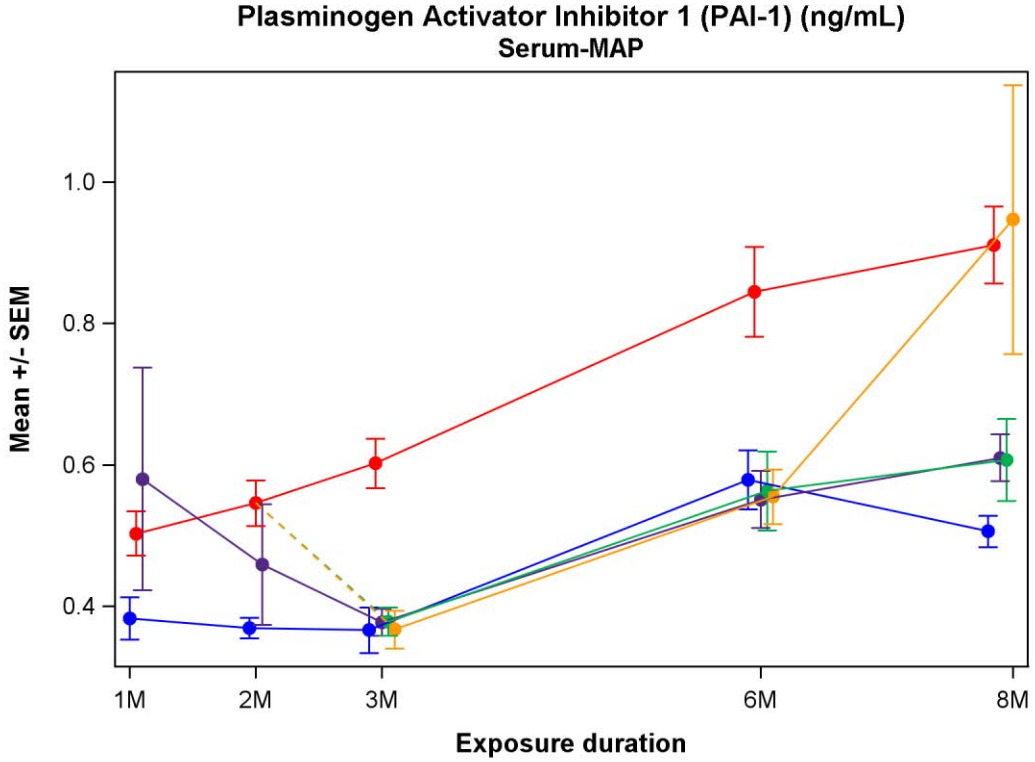
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00			
	3R4F	10	0.17	9	0.09	0.09	0.09	0.09	0.56	0.13	0.15	0.05	113.36	n.a.		
	THS2.2	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.17	9	0.09	0.09	0.09	0.09	0.20	0.10	0.04	0.01	37.69			
	3R4F	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.17	10	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.41	9	0.21	0.21	0.21	0.21	1.00	0.28	0.25	0.08	88.37			
	3R4F	10	0.41	9	0.21	0.21	0.21	0.21	2.20	0.40	0.63	0.20	155.96	(-)		
	THS2.2	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.41	9	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00			
	3R4F	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.41	9	0.21	0.21	0.21	0.21	3.30	0.51	0.98	0.31	190.23	n.a.	n.a.	
	switch	10	0.41	10	0.21	0.21	0.21	0.21	0.21	0.21	0.00	0.00	0.00	n.a.	n.a.	n.a.

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Oncostatin-M (OSM) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.05	-0.15	0.06	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.05	-0.06	0.15	.	0.3434	1.0000	n.a.
2M	Sham	3R4F	0.01	-0.01	0.04	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.01	-0.01	0.04	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.12	-0.59	0.35	0.0001	0.5868	1.0000	(-)
	Sham	THS2.2	0.08	-0.10	0.26	.	0.3434	1.0000	n.a.
	Sham	cess	0.08	-0.10	0.26	.	0.3434	1.0000	n.a.
	Sham	switch	0.08	-0.10	0.26	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.20	-0.25	0.65	.	0.3434	1.0000	n.a.
	3R4F	cess	0.20	-0.25	0.65	.	0.3434	1.0000	n.a.
	3R4F	switch	0.20	-0.25	0.65	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.31	-1.01	0.39	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.31	-1.01	0.39	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.31	-0.39	1.01	.	0.3434	1.0000	n.a.


Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
Serum-MAP

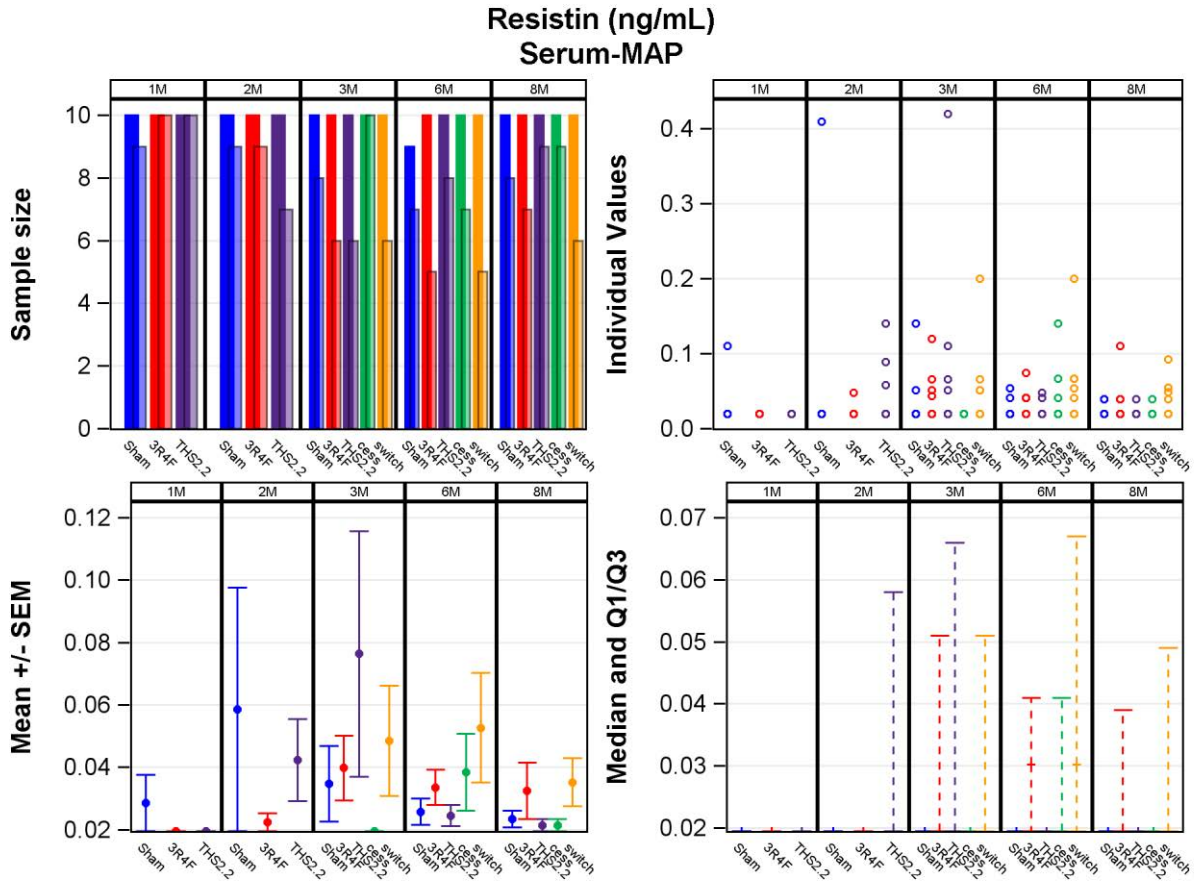
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.03	0	0.26	0.31	0.38	0.42	0.59	0.38	0.10	0.03	24.86			
	3R4F	10	0.03	0	0.40	0.44	0.47	0.57	0.71	0.50	0.10	0.03	19.70	*		
	THS2.2	10	0.03	0	0.27	0.32	0.34	0.47	1.70	0.58	0.50	0.16	85.77	(-)	(-)	
2M	Sham	10	0.03	0	0.29	0.34	0.37	0.41	0.44	0.37	0.05	0.01	12.61			
	3R4F	10	0.03	0	0.37	0.48	0.54	0.62	0.70	0.55	0.10	0.03	18.66	***		
	THS2.2	10	0.03	0	0.31	0.33	0.35	0.43	1.20	0.46	0.27	0.09	58.99	(-)	+	
3M	Sham	10	0.03	0	0.22	0.29	0.35	0.49	0.51	0.37	0.10	0.03	28.02			
	3R4F	10	0.03	0	0.45	0.51	0.57	0.68	0.77	0.60	0.11	0.04	18.44	***		
	THS2.2	10	0.03	0	0.29	0.34	0.38	0.40	0.50	0.38	0.06	0.02	16.11	-	***	
	cess	10	0.03	0	0.27	0.32	0.40	0.42	0.45	0.38	0.06	0.02	16.86	-	***	
	switch	10	0.03	0	0.25	0.32	0.34	0.43	0.51	0.37	0.08	0.03	23.16	-	***	-
6M	Sham	9	0.03	0	0.45	0.52	0.53	0.59	0.85	0.58	0.13	0.04	21.60			
	3R4F	10	0.03	0	0.58	0.68	0.81	0.99	1.20	0.85	0.20	0.06	23.79	**		
	THS2.2	10	0.03	0	0.41	0.44	0.53	0.62	0.81	0.55	0.13	0.04	23.28	(-)	**	
	cess	10	0.03	0	0.37	0.46	0.53	0.61	1.00	0.56	0.18	0.06	31.50	(-)	**	
	switch	10	0.03	0	0.41	0.42	0.53	0.68	0.73	0.56	0.12	0.04	22.06	-	**	-
8M	Sham	10	0.03	0	0.41	0.45	0.51	0.56	0.63	0.51	0.07	0.02	13.86			
	3R4F	10	0.03	0	0.70	0.78	0.87	0.99	1.20	0.91	0.17	0.05	18.78	***		
	THS2.2	10	0.03	0	0.49	0.51	0.61	0.66	0.81	0.61	0.11	0.03	17.33	*	***	
	cess	10	0.03	0	0.38	0.49	0.57	0.74	0.99	0.61	0.18	0.06	30.14	-	**	
	switch	10	0.03	0	0.48	0.62	0.69	1.00	2.40	0.95	0.60	0.19	63.53	+++	(-)	(-)

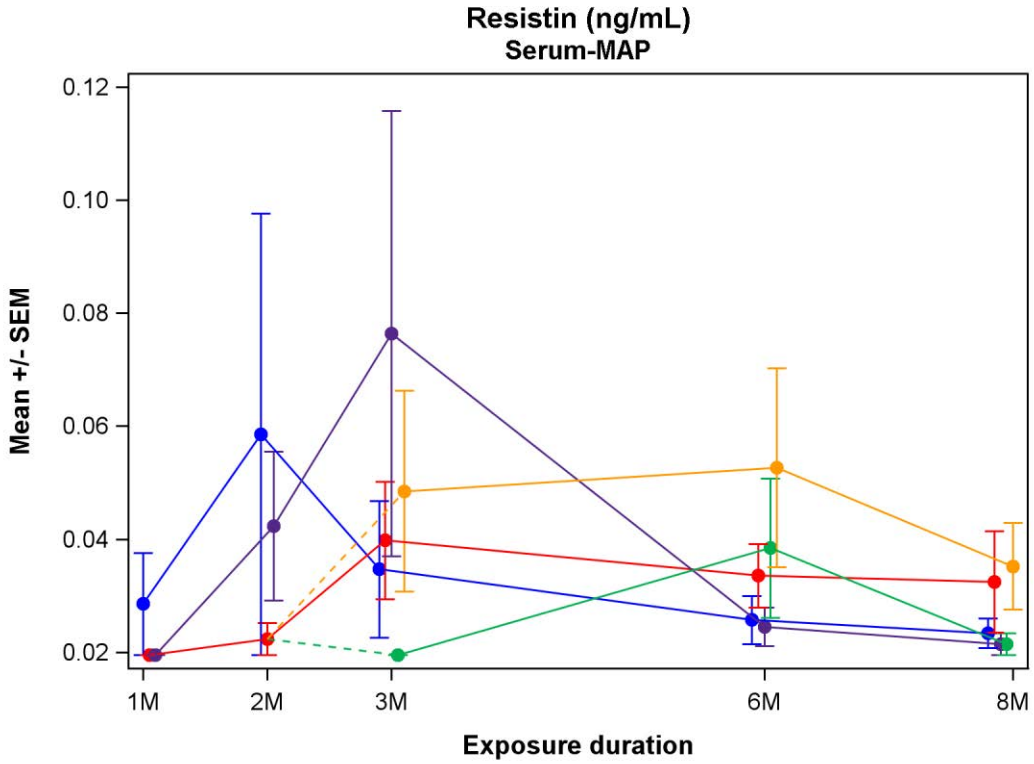
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Plasminogen Activator Inhibitor 1 (PAI-1) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.12	-0.21	-0.03	0.0549	0.0129	0.0065	*
	Sham	THS2.2	-0.20	-0.56	0.16	0.0045	0.2478	0.8118	(-)
	3R4F	THS2.2	-0.08	-0.44	0.28	0.0003	0.6418	0.0921	(-)
2M	Sham	3R4F	-0.18	-0.25	-0.10	0.2141	0.0003	0.0001	***
	Sham	THS2.2	-0.09	-0.28	0.10	0.0103	0.3258	0.9262	(-)
	3R4F	THS2.2	0.09	-0.11	0.29	0.0084	0.3612	0.0178	+
3M	Sham	3R4F	-0.24	-0.34	-0.14	0.0667	0.0001	<.0001	***
	Sham	THS2.2	-0.01	-0.09	0.07	0.5920	0.7745	0.5702	-
	Sham	cess	-0.01	-0.09	0.07	0.3781	0.7576	0.6758	-
	Sham	switch	-0.00	-0.09	0.09	0.1677	0.9813	1.0000	-
	3R4F	THS2.2	0.23	0.14	0.31	0.5987	<.0001	<.0001	***
	3R4F	cess	0.22	0.14	0.31	0.4240	<.0001	0.0003	***
	3R4F	switch	0.24	0.14	0.33	0.1409	<.0001	0.0002	***
	cess	switch	0.01	-0.06	0.08	0.6023	0.7474	0.7571	-
6M	Sham	3R4F	-0.27	-0.43	-0.10	0.1256	0.0032	0.0022	**
	Sham	THS2.2	0.03	-0.09	0.15	0.0281	0.6377	0.4870	(-)
	Sham	cess	0.02	-0.13	0.16	0.0046	0.8230	0.5985	(-)
	Sham	switch	0.02	-0.10	0.14	0.1156	0.6799	0.6451	-
	3R4F	THS2.2	0.29	0.13	0.45	0.2058	0.0014	0.0011	**
	3R4F	cess	0.28	0.10	0.46	0.0877	0.0038	0.0036	**
	3R4F	switch	0.29	0.13	0.45	0.1583	0.0015	0.0012	**
	cess	switch	0.01	-0.14	0.15	0.1033	0.9080	0.8305	-
8M	Sham	3R4F	-0.41	-0.53	-0.28	0.0835	<.0001	<.0001	***
	Sham	THS2.2	-0.10	-0.19	-0.02	0.2232	0.0199	0.0187	*
	Sham	cess	-0.10	-0.24	0.03	0.3884	0.1299	0.2130	-
	Sham	switch	-0.44	-0.87	-0.01	0.0330	0.0461	0.0005	+++
	3R4F	THS2.2	0.30	0.17	0.44	0.0598	0.0003	0.0001	***
	3R4F	cess	0.30	0.14	0.47	0.0789	0.0012	0.0018	**
	3R4F	switch	-0.04	-0.47	0.40	0.0027	0.8591	0.1284	(-)
	cess	switch	-0.34	-0.78	0.10	0.0095	0.1162	0.0935	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Resistin (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

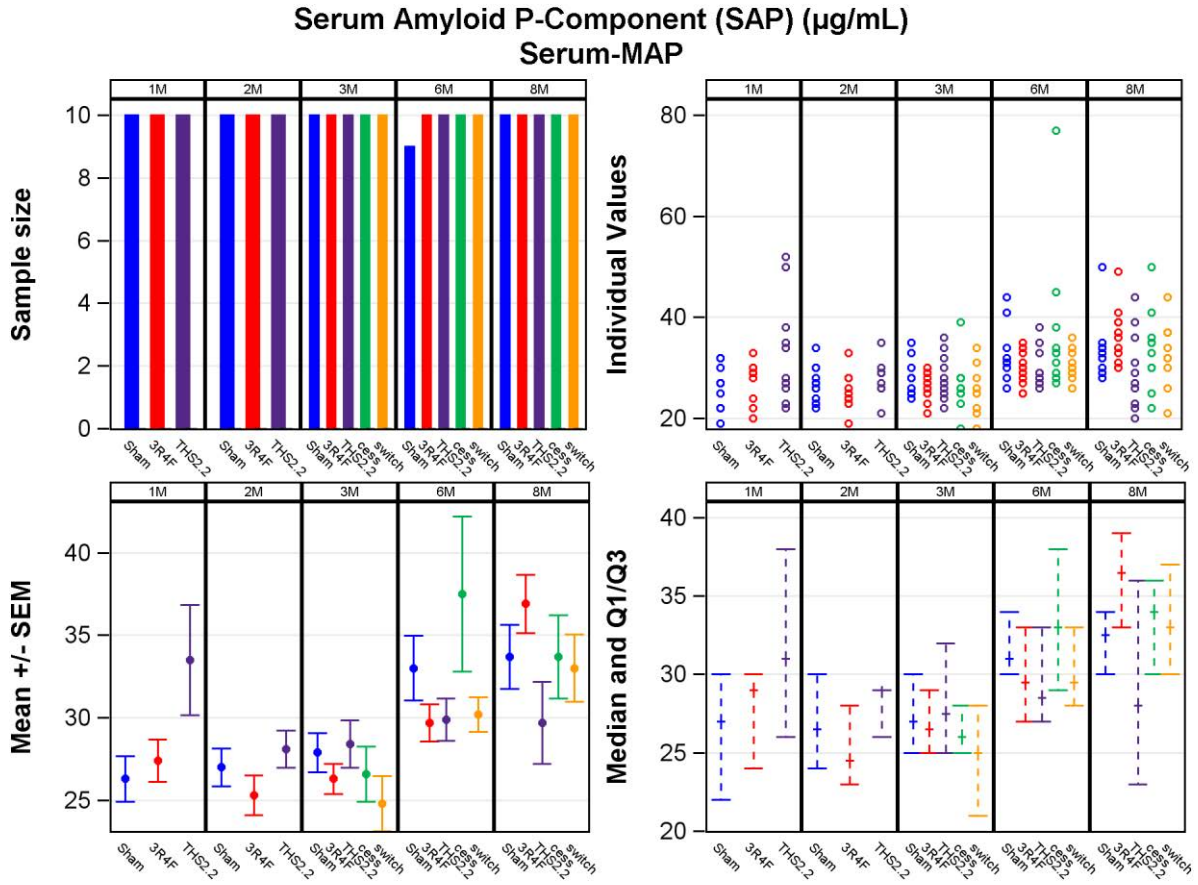

Resistin (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

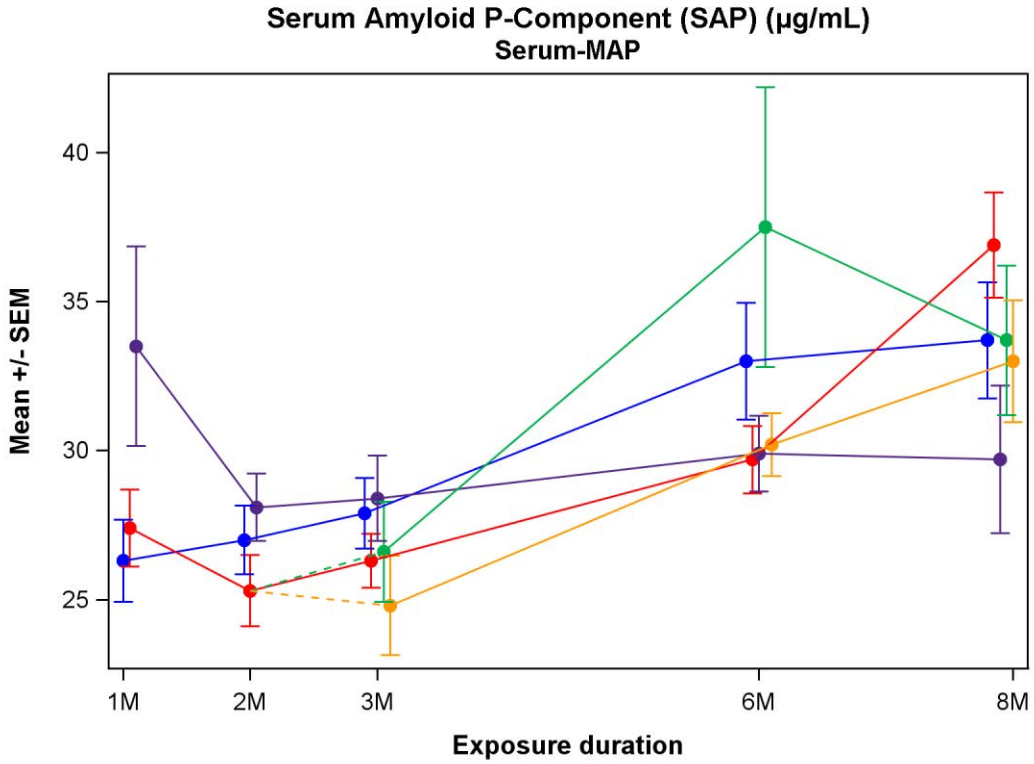
Resistin (ng/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.04	9	0.02	0.02	0.02	0.02	0.11	0.03	0.03	0.01	100.24			
	3R4F	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
2M	Sham	10	0.04	9	0.02	0.02	0.02	0.02	0.41	0.06	0.12	0.04	210.91			
	3R4F	10	0.04	9	0.02	0.02	0.02	0.02	0.05	0.02	0.01	0.00	40.32	(-)		
	THS2.2	10	0.04	7	0.02	0.02	0.02	0.06	0.14	0.04	0.04	0.01	98.34	(-)	(-)	
3M	Sham	10	0.04	8	0.02	0.02	0.02	0.02	0.14	0.03	0.04	0.01	110.38			
	3R4F	10	0.04	6	0.02	0.02	0.02	0.05	0.12	0.04	0.03	0.01	82.63	(-)		
	THS2.2	10	0.04	6	0.02	0.02	0.02	0.07	0.42	0.08	0.12	0.04	162.88	(-)	(-)	
	cess	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.04	6	0.02	0.02	0.02	0.05	0.20	0.05	0.06	0.02	115.65	(-)	(-)	n.a.
6M	Sham	9	0.04	7	0.02	0.02	0.02	0.02	0.05	0.03	0.01	0.00	49.64			
	3R4F	10	0.04	5	0.02	0.02	0.03	0.04	0.07	0.03	0.02	0.01	53.00	(-)		
	THS2.2	10	0.04	8	0.02	0.02	0.02	0.02	0.05	0.02	0.01	0.00	43.55	(-)	(-)	
	cess	10	0.04	7	0.02	0.02	0.02	0.04	0.14	0.04	0.04	0.01	101.28	(-)	(-)	
	switch	10	0.04	5	0.02	0.02	0.03	0.07	0.20	0.05	0.06	0.02	105.48	(-)	(-)	(-)
8M	Sham	10	0.04	8	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	35.14			
	3R4F	10	0.04	7	0.02	0.02	0.02	0.04	0.11	0.03	0.03	0.01	87.61	(-)		
	THS2.2	10	0.04	9	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	28.75	(-)	(-)	
	cess	10	0.04	9	0.02	0.02	0.02	0.02	0.04	0.02	0.01	0.00	28.75	(-)	(-)	
	switch	10	0.04	6	0.02	0.02	0.02	0.05	0.09	0.04	0.02	0.01	68.95	(-)	(-)	(-)

Resistin (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.01	-0.01	0.03	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.01	-0.01	0.03	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
2M	Sham	3R4F	0.04	-0.05	0.12	0.0001	0.3791	1.0000	(-)
	Sham	THS2.2	0.02	-0.07	0.11	0.0001	0.7017	0.5869	(-)
	3R4F	THS2.2	-0.02	-0.05	0.01	0.0001	0.1691	0.2129	(-)
3M	Sham	3R4F	-0.01	-0.04	0.03	0.0001	0.7531	0.5321	(-)
	Sham	THS2.2	-0.04	-0.13	0.05	0.0001	0.3335	0.3631	(-)
	Sham	cess	0.02	-0.01	0.04	.	0.2411	0.4700	n.a.
	Sham	switch	-0.01	-0.06	0.03	0.0001	0.5297	0.4334	(-)
	3R4F	THS2.2	-0.04	-0.13	0.05	0.0001	0.3892	0.8067	(-)
	3R4F	cess	0.02	-0.00	0.04	.	0.0827	0.0829	n.a.
	3R4F	switch	-0.01	-0.05	0.04	0.0001	0.6784	0.8960	(-)
	cess	switch	-0.03	-0.07	0.01	.	0.1365	0.0850	n.a.
6M	Sham	3R4F	-0.01	-0.02	0.01	0.0003	0.2831	0.2904	(-)
	Sham	THS2.2	0.00	-0.01	0.01	0.0001	0.8248	0.7892	(-)
	Sham	cess	-0.01	-0.04	0.02	0.0001	0.3494	0.6714	(-)
	Sham	switch	-0.03	-0.07	0.01	0.0001	0.1669	0.1602	(-)
	3R4F	THS2.2	0.01	-0.00	0.02	0.0002	0.1881	0.2670	(-)
	3R4F	cess	-0.00	-0.03	0.02	0.0002	0.7234	0.6021	(-)
	3R4F	switch	-0.02	-0.06	0.02	0.0002	0.3229	0.6283	(-)
	cess	switch	-0.01	-0.06	0.03	0.0001	0.5173	0.4391	(-)
8M	Sham	3R4F	-0.01	-0.03	0.01	0.0001	0.3553	0.7202	(-)
	Sham	THS2.2	0.00	-0.00	0.01	0.0001	0.5566	1.0000	(-)
	Sham	cess	0.00	-0.00	0.01	0.0001	0.5566	1.0000	(-)
	Sham	switch	-0.01	-0.03	0.01	0.0001	0.1732	0.2414	(-)
	3R4F	THS2.2	0.01	-0.01	0.03	0.0001	0.2598	0.4584	(-)
	3R4F	cess	0.01	-0.01	0.03	0.0001	0.2598	0.4555	(-)
	3R4F	switch	-0.00	-0.03	0.02	0.0001	0.8187	0.6425	(-)
	cess	switch	-0.01	-0.03	0.00	0.0001	0.1127	0.1416	(-)


Serum Amyloid P-Component (SAP) (µg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Serum Amyloid P-Component (SAP) (µg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

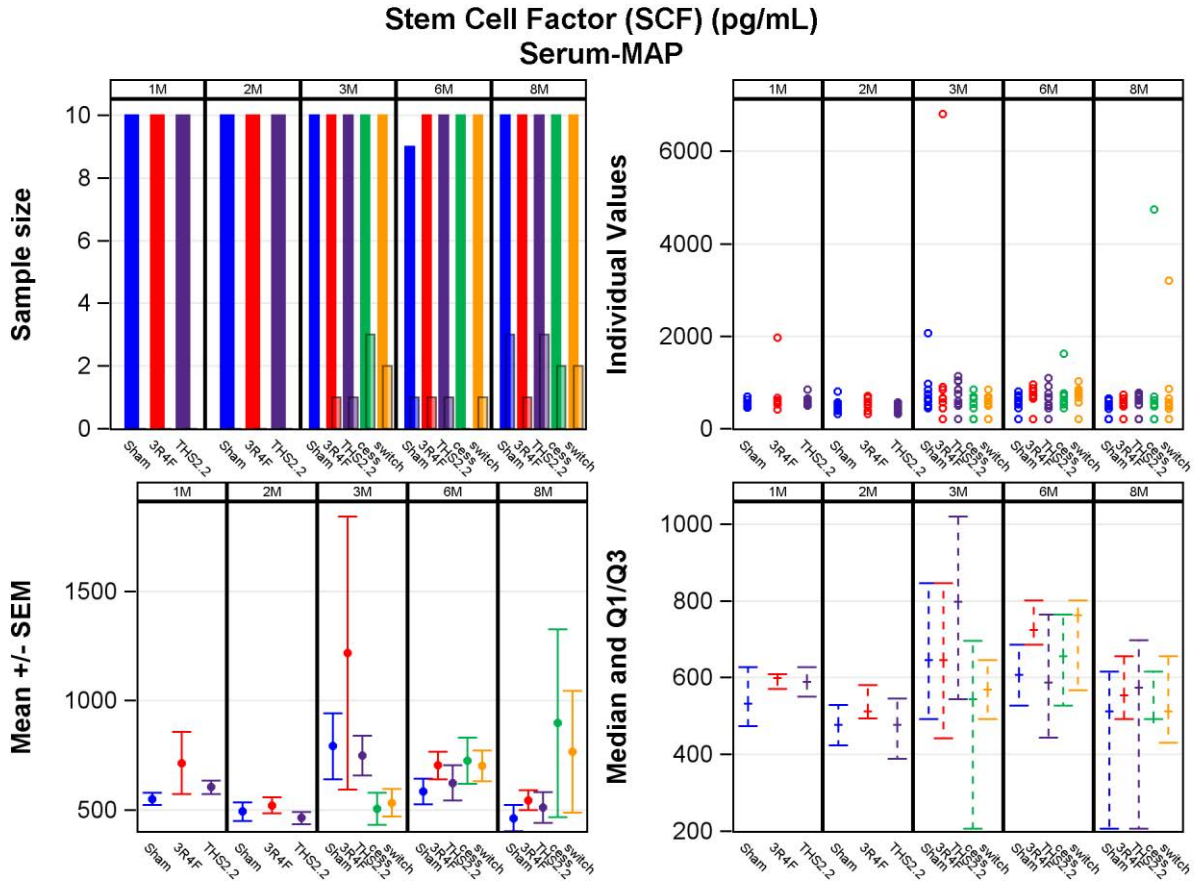
Serum Amyloid P-Component (SAP) (µg/mL)
Serum-MAP

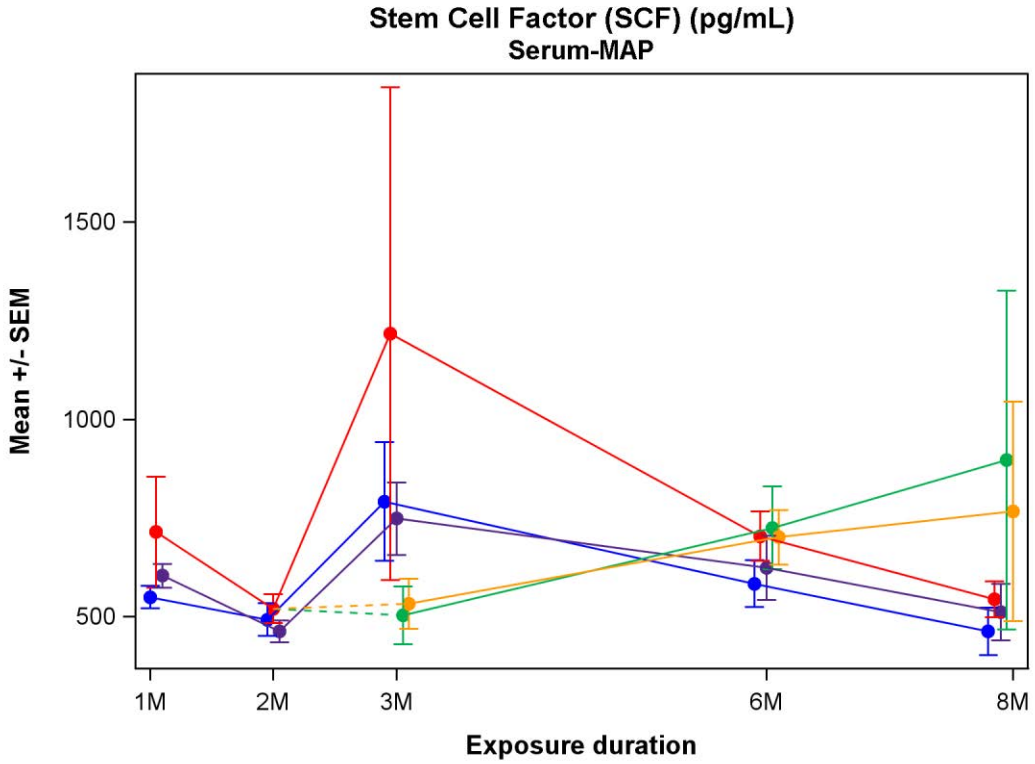
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	9.00	0	19.00	22.00	27.00	30.00	32.00	26.30	4.37	1.38	16.63			
	3R4F	10	9.00	0	20.00	24.00	29.00	30.00	33.00	27.40	4.06	1.28	14.82	-		
	THS2.2	10	9.00	0	22.00	26.00	31.00	38.00	52.00	33.50	10.59	3.35	31.60	-	-	
2M	Sham	10	9.00	0	22.00	24.00	26.50	30.00	34.00	27.00	3.65	1.15	13.52			
	3R4F	10	9.00	0	19.00	23.00	24.50	28.00	33.00	25.30	3.77	1.19	14.91	-		
	THS2.2	10	9.00	0	21.00	26.00	29.00	29.00	35.00	28.10	3.57	1.13	12.72	-	-	
3M	Sham	10	9.00	0	24.00	25.00	27.00	30.00	35.00	27.90	3.73	1.18	13.35			
	3R4F	10	9.00	0	21.00	25.00	26.50	29.00	30.00	26.30	2.87	0.91	10.91	-		
	THS2.2	10	9.00	0	22.00	25.00	27.50	32.00	36.00	28.40	4.53	1.43	15.94	-	-	
	cess	10	9.00	0	18.00	25.00	26.00	28.00	39.00	26.60	5.30	1.67	19.91	-	-	
	switch	10	9.00	0	18.00	21.00	25.00	28.00	34.00	24.80	5.27	1.67	21.23	-	-	-
6M	Sham	9	9.00	0	26.00	30.00	31.00	34.00	44.00	33.00	5.89	1.96	17.86			
	3R4F	10	9.00	0	25.00	27.00	29.50	33.00	35.00	29.70	3.56	1.13	11.99	-		
	THS2.2	10	9.00	0	26.00	27.00	28.50	33.00	38.00	29.90	4.04	1.28	13.51	(-)	-	
	cess	10	9.00	0	27.00	29.00	33.00	38.00	77.00	37.50	14.85	4.70	39.60	(-)	-	
	switch	10	9.00	0	26.00	28.00	29.50	33.00	36.00	30.20	3.33	1.05	11.02	-	-	(-)
8M	Sham	10	9.00	0	28.00	30.00	32.50	34.00	50.00	33.70	6.17	1.95	18.29			
	3R4F	10	9.00	0	30.00	33.00	36.50	39.00	49.00	36.90	5.57	1.76	15.09	(-)		
	THS2.2	10	9.00	0	20.00	23.00	28.00	36.00	44.00	29.70	7.83	2.48	26.37	(-)	*	
	cess	10	9.00	0	22.00	30.00	34.00	36.00	50.00	33.70	7.94	2.51	23.58	(-)	-	
	switch	10	9.00	0	21.00	30.00	33.00	37.00	44.00	33.00	6.45	2.04	19.53	-	-	-

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Serum Amyloid P-Component (SAP) (µg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-1.10	-5.07	2.87	0.1661	0.5672	0.5047	-
	Sham	THS2.2	-7.20	-15.09	0.69	0.3971	0.0702	0.1093	-
	3R4F	THS2.2	-6.10	-13.94	1.74	0.6944	0.1155	0.3402	-
2M	Sham	3R4F	1.70	-1.79	5.19	0.5893	0.3195	0.3436	-
	Sham	THS2.2	-1.10	-4.49	2.29	0.6549	0.5046	0.4918	-
	3R4F	THS2.2	-2.80	-6.25	0.65	0.2317	0.1056	0.0480	-
3M	Sham	3R4F	1.60	-1.54	4.74	0.9108	0.2970	0.5581	-
	Sham	THS2.2	-0.50	-4.41	3.41	0.1477	0.7906	0.8374	-
	Sham	cess	1.30	-3.04	5.64	0.1081	0.5344	0.5774	-
	Sham	switch	3.10	-1.22	7.42	0.1475	0.1479	0.1935	-
	3R4F	THS2.2	-2.10	-5.71	1.51	0.9176	0.2341	0.3804	-
	3R4F	cess	-0.30	-4.39	3.79	0.7460	0.8771	0.7751	-
	3R4F	switch	1.50	-2.57	5.57	0.9385	0.4423	0.4073	-
	cess	switch	1.80	-3.16	6.76	0.3453	0.4558	0.4414	-
6M	Sham	3R4F	3.30	-1.60	8.20	0.2415	0.1690	0.2539	-
	Sham	THS2.2	3.10	-1.93	8.13	0.0108	0.2072	0.2041	(-)
	Sham	cess	-4.50	-15.59	6.59	0.0017	0.3940	0.5977	(-)
	Sham	switch	2.80	-2.04	7.64	0.1065	0.2323	0.3201	-
	3R4F	THS2.2	-0.20	-3.78	3.38	0.1620	0.9078	0.9591	-
	3R4F	cess	-7.80	-18.55	2.95	0.0610	0.1372	0.1233	-
	3R4F	switch	-0.50	-3.74	2.74	0.2749	0.7493	0.7451	-
	cess	switch	7.30	-3.44	18.04	0.0198	0.1605	0.1660	(-)
8M	Sham	3R4F	-3.20	-8.72	2.32	0.0067	0.2390	0.0983	(-)
	Sham	THS2.2	4.00	-2.65	10.65	0.0193	0.2215	0.1754	(-)
	Sham	cess	0.00	-6.71	6.71	0.0157	1.0000	0.7263	(-)
	Sham	switch	0.70	-5.23	6.63	0.1394	0.8068	0.8067	-
	3R4F	THS2.2	7.20	0.77	13.63	0.2422	0.0305	0.0330	*
	3R4F	cess	3.20	-3.30	9.70	0.2354	0.3123	0.2512	-
	3R4F	switch	3.90	-1.77	9.57	0.8491	0.1652	0.2224	-
	cess	switch	0.70	-6.12	7.52	0.8610	0.8312	0.9582	-


Stem Cell Factor (SCF) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Stem Cell Factor (SCF) (pg/mL)
Serum-MAP
Mean +/- SEM
1500
1000
500
1M
2M
3M
6M
8M
Exposure duration

Stem Cell Factor (SCF) (pg/mL)
Serum-MAP

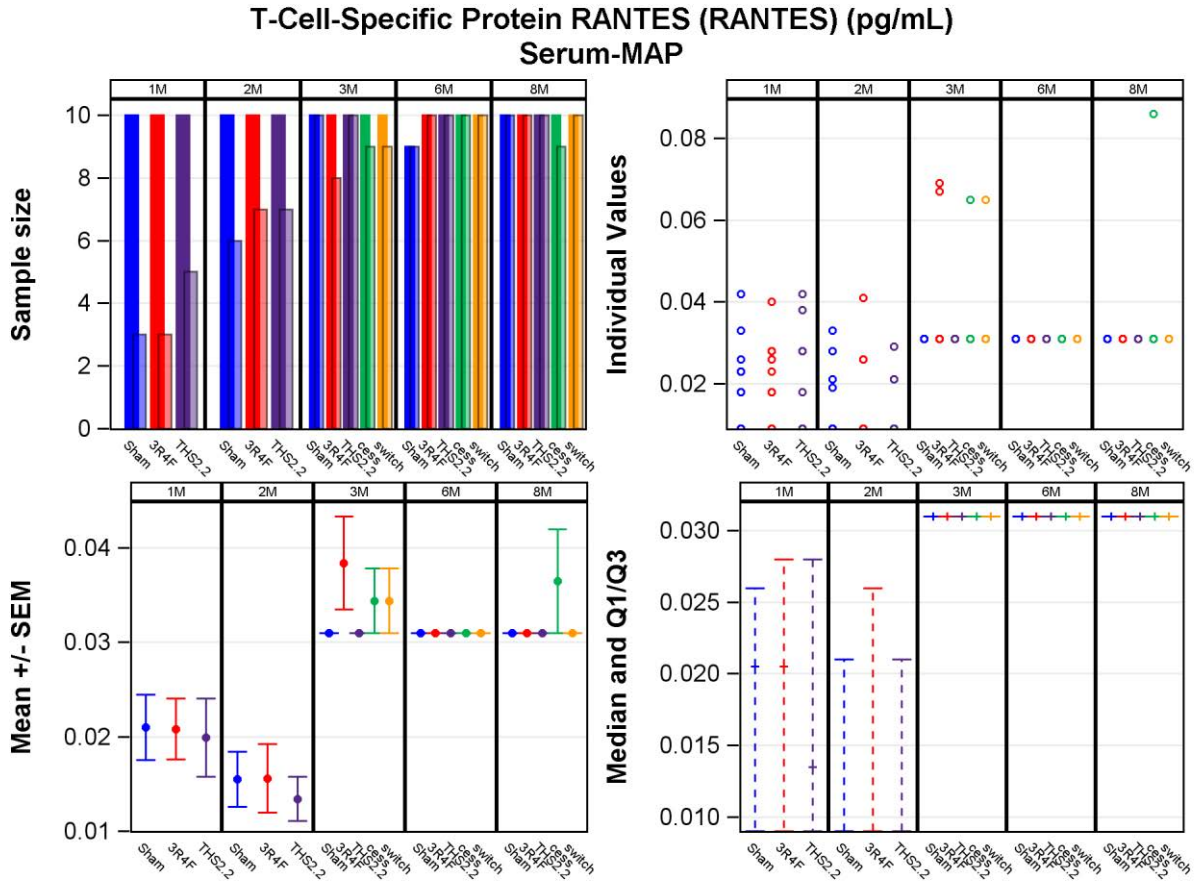
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	253.00	0	455.00	474.00	531.50	628.00	687.00	549.30	89.53	28.31	16.30			
	3R4F	10	253.00	0	417.00	570.00	599.50	609.00	1970.0	714.30	446.09	141.07	62.45	(-)		
	THS2.2	10	253.00	0	493.00	551.00	589.50	628.00	843.00	603.40	96.59	30.54	16.01	(-)	(-)	
2M	Sham	10	253.00	0	320.00	424.00	476.50	529.00	808.00	492.20	132.21	41.81	26.86			
	3R4F	10	253.00	0	320.00	494.00	511.50	581.00	703.00	520.10	114.73	36.28	22.06	-		
	THS2.2	10	253.00	0	320.00	389.00	476.50	546.00	564.00	462.60	87.19	27.57	18.85	-	-	
3M	Sham	10	415.00	0	442.00	493.00	646.00	847.00	2060.0	791.40	476.55	150.70	60.22			
	3R4F	10	415.00	1	207.50	442.00	646.00	847.00	6810.0	1217.9	1975.1	624.59	162.18	(-)		
	THS2.2	10	415.00	1	207.50	544.00	797.00	1020.0	1140.0	748.05	289.58	91.57	38.71	-	(-)	
	cess	10	415.00	3	207.50	207.50	544.00	696.00	847.00	503.75	231.50	73.21	45.95	-	(-)	
	switch	10	415.00	2	207.50	493.00	569.50	646.00	847.00	532.40	200.23	63.32	37.61	-	(-)	-
6M	Sham	9	415.00	1	207.50	527.00	607.00	686.00	802.00	583.50	178.06	59.35	30.52			
	3R4F	10	415.00	1	207.50	686.00	725.00	802.00	955.00	703.75	198.60	62.80	28.22	(-)		
	THS2.2	10	415.00	1	207.50	444.00	587.00	764.00	1090.0	623.25	255.73	80.87	41.03	-	-	
	cess	10	415.00	0	444.00	527.00	656.00	764.00	1620.0	725.00	333.45	105.45	45.99	-	(-)	
	switch	10	415.00	1	207.50	567.00	763.50	802.00	1030.0	701.05	219.35	69.36	31.29	-	(-)	(-)
8M	Sham	10	415.00	3	207.50	207.50	512.50	615.00	656.00	461.95	189.55	59.94	41.03			
	3R4F	10	415.00	1	207.50	492.00	553.50	656.00	738.00	543.45	143.10	45.25	26.33	-		
	THS2.2	10	415.00	3	207.50	207.50	574.00	697.00	779.00	511.15	225.19	71.21	44.06	(-)	-	
	cess	10	415.00	2	207.50	492.00	492.00	615.00	4740.0	896.80	1359.2	429.83	151.56	(-)	(-)	
	switch	10	415.00	2	207.50	430.00	512.50	656.00	3210.0	766.30	880.17	278.33	114.86	-	(-)	(-)

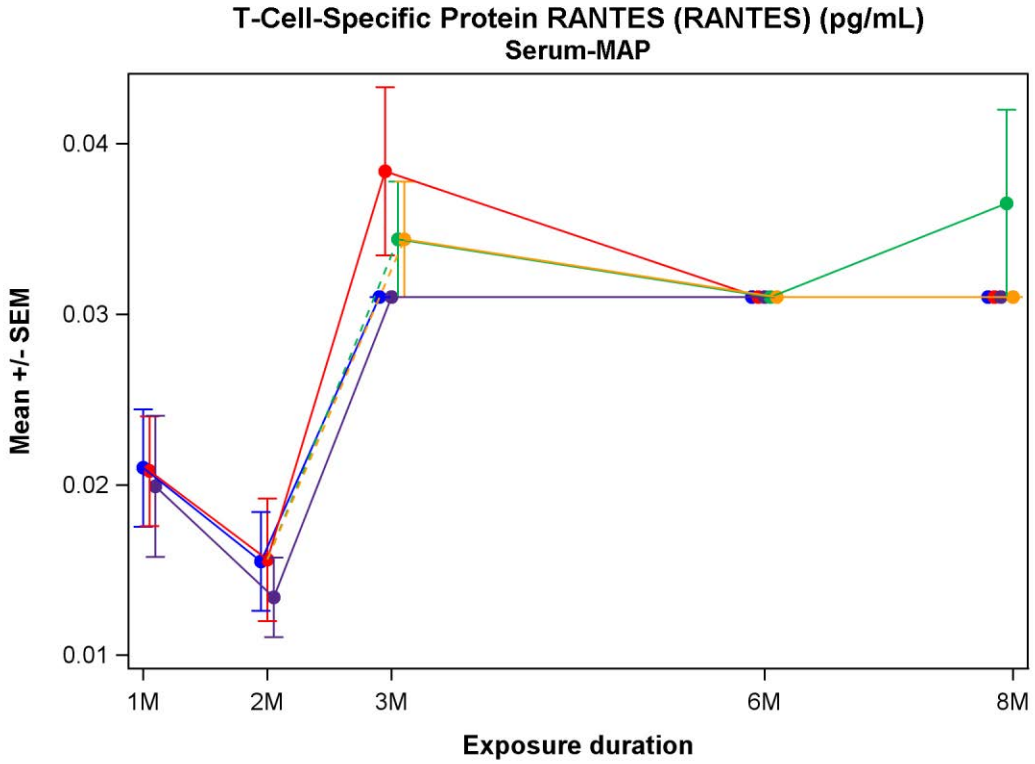
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Stem Cell Factor (SCF) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-165.0	-486.8	156.82	0.0010	0.2789	0.2709	(-)
	Sham	THS2.2	-54.10	-141.6	33.43	0.0360	0.2104	0.2078	(-)
	3R4F	THS2.2	110.90	-211.4	433.20	0.0001	0.4603	0.8687	(-)
2M	Sham	3R4F	-27.90	-144.4	88.56	0.4516	0.6205	0.4382	-
	Sham	THS2.2	29.60	-76.80	136.00	0.8819	0.5630	0.9020	-
	3R4F	THS2.2	57.50	-38.73	153.73	0.6629	0.2243	0.3621	-
3M	Sham	3R4F	-426.5	-1857	1004.3	0.0001	0.5218	0.7517	(-)
	Sham	THS2.2	43.35	-332.8	419.54	0.1820	0.8092	0.5870	-
	Sham	cess	287.65	-74.23	649.53	0.1390	0.1097	0.1621	-
	Sham	switch	259.00	-96.88	614.88	0.1304	0.1389	0.2253	-
	3R4F	THS2.2	469.80	-949.3	1888.9	0.0191	0.4750	0.4895	(-)
	3R4F	cess	714.10	-702.7	2130.9	0.0132	0.2847	0.3005	(-)
	3R4F	switch	685.45	-730.4	2101.3	0.0071	0.3027	0.3637	(-)
	cess	switch	-28.65	-232.3	175.00	0.1382	0.7707	0.9213	-
6M	Sham	3R4F	-120.3	-302.6	62.06	0.0129	0.1820	0.0796	(-)
	Sham	THS2.2	-39.75	-252.3	172.83	0.9653	0.6971	1.0000	-
	Sham	cess	-141.5	-401.0	117.99	0.1298	0.2617	0.4850	-
	Sham	switch	-117.5	-310.3	75.19	0.0817	0.2153	0.1276	-
	3R4F	THS2.2	80.50	-135.6	296.56	0.4212	0.4426	0.2708	-
	3R4F	cess	-21.25	-283.4	240.86	0.0126	0.8649	0.4026	(-)
	3R4F	switch	2.70	-194.0	199.42	0.0109	0.9773	0.9001	(-)
	cess	switch	23.95	-244.2	292.13	0.0496	0.8520	0.3003	(-)
8M	Sham	3R4F	-81.50	-240.1	77.14	0.1054	0.2932	0.4231	-
	Sham	THS2.2	-49.20	-245.2	146.76	0.0024	0.6037	0.5118	(-)
	Sham	cess	-434.9	-1411	541.32	0.0208	0.3416	0.8109	(-)
	Sham	switch	-304.4	-940.2	331.50	0.0609	0.3106	0.6708	-
	3R4F	THS2.2	32.30	-147.3	211.88	0.1514	0.7071	0.8942	-
	3R4F	cess	-353.4	-1328	621.14	0.0013	0.4343	0.4404	(-)
	3R4F	switch	-222.8	-855.9	410.21	0.0054	0.4487	0.6996	(-)
	cess	switch	130.50	-958.4	1219.4	0.0001	0.8022	0.9296	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

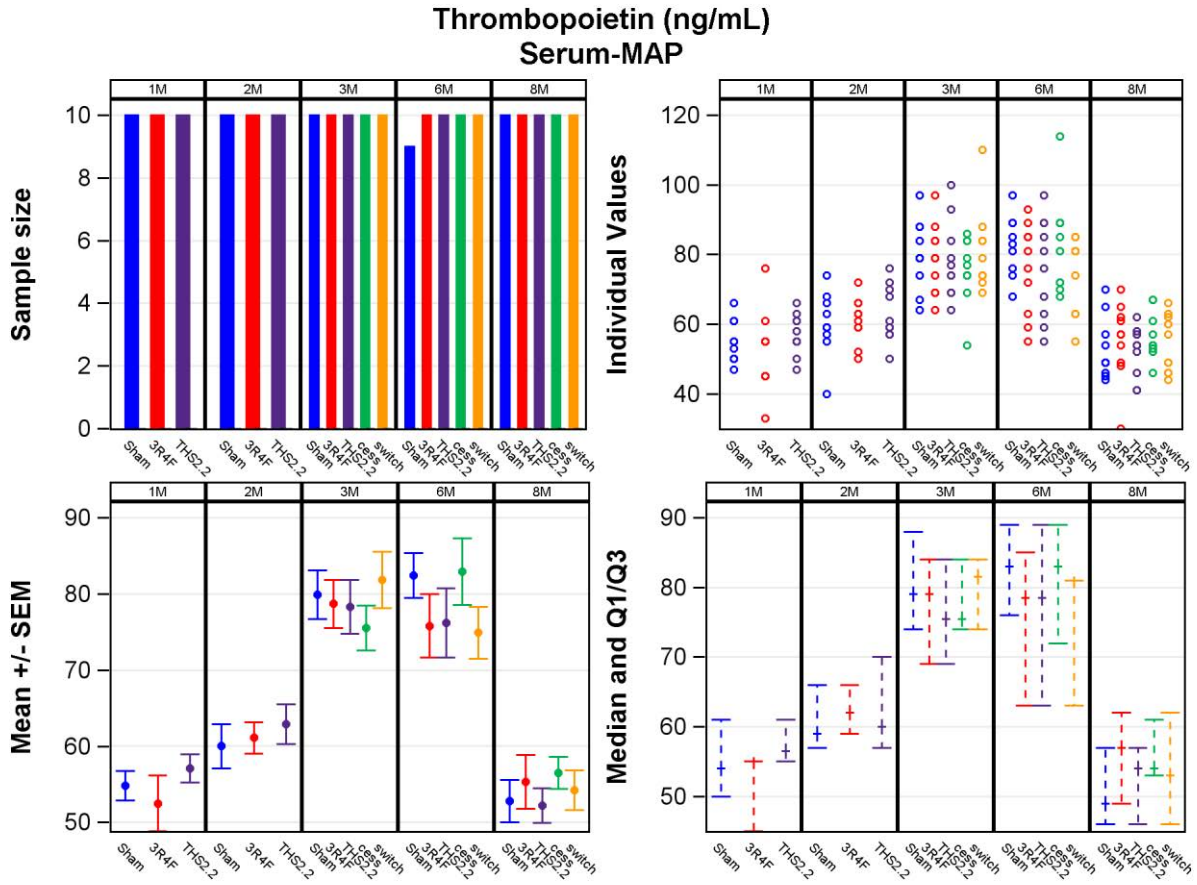

T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
Serum-MAP
Mean +/- SEM
0.04
0.03
0.02
0.01
1M
2M
3M
6M
8M
Exposure duration

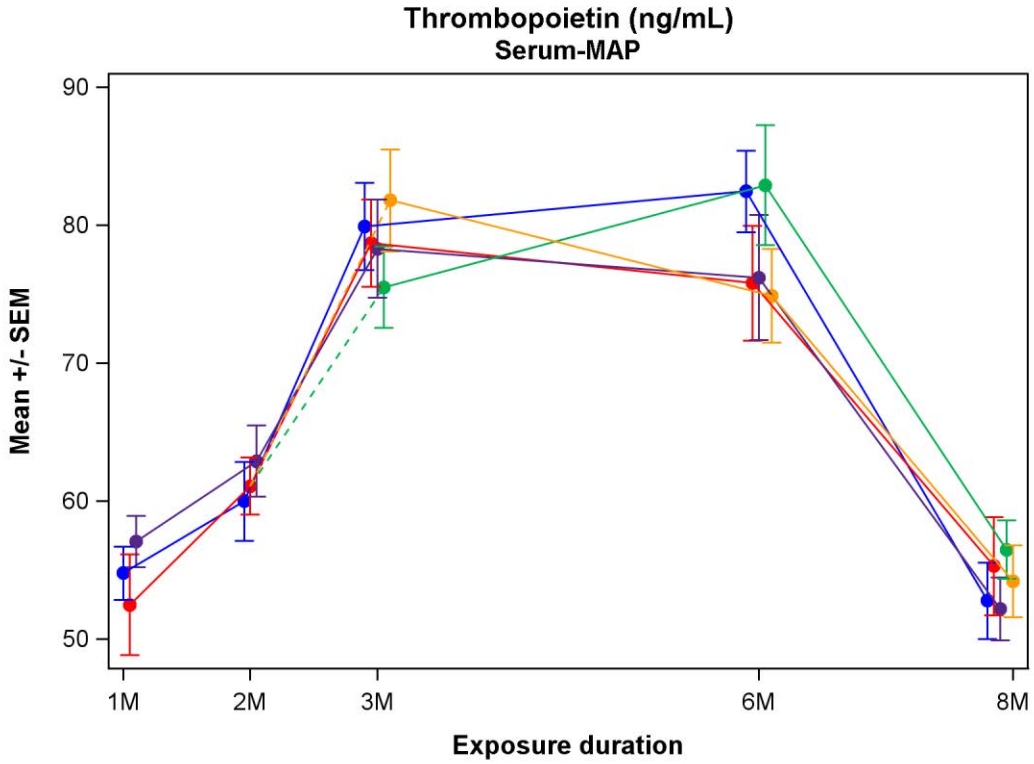
T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.02	3	0.01	0.01	0.02	0.03	0.04	0.02	0.01	0.00	51.87			
	3R4F	10	0.02	3	0.01	0.01	0.02	0.03	0.04	0.02	0.01	0.00	49.07	-		
	THS2.2	10	0.02	5	0.01	0.01	0.01	0.03	0.04	0.02	0.01	0.00	65.84	(-)	-	
2M	Sham	10	0.02	6	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.00	59.23			
	3R4F	10	0.02	7	0.01	0.01	0.01	0.03	0.04	0.02	0.01	0.00	72.98	(-)		
	THS2.2	10	0.02	7	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.00	55.31	(-)	(-)	
3M	Sham	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00			
	3R4F	10	0.06	8	0.03	0.03	0.03	0.03	0.07	0.04	0.02	0.00	40.65	n.a.		
	THS2.2	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.06	9	0.03	0.03	0.03	0.03	0.07	0.03	0.01	0.00	31.26	n.a.	(-)	
	switch	10	0.06	9	0.03	0.03	0.03	0.03	0.07	0.03	0.01	0.00	31.26	n.a.	(-)	(-)
6M	Sham	9	0.06	9	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00			
	3R4F	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00			
	3R4F	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.06	9	0.03	0.03	0.03	0.03	0.09	0.04	0.02	0.01	47.65	n.a.	n.a.	
	switch	10	0.06	10	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	n.a.	n.a.	n.a.

T-Cell-Specific Protein RANTES (RANTES) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.00	-0.01	0.01	0.0621	0.9667	0.9530	-
	Sham	THS2.2	0.00	-0.01	0.01	0.0470	0.8406	0.7834	(-)
	3R4F	THS2.2	0.00	-0.01	0.01	0.0550	0.8660	0.7872	-
2M	Sham	3R4F	-0.00	-0.01	0.01	0.0001	0.9830	0.8530	(-)
	Sham	THS2.2	0.00	-0.01	0.01	0.0001	0.5808	0.7226	(-)
	3R4F	THS2.2	0.00	-0.01	0.01	0.0001	0.6158	0.7402	(-)
3M	Sham	3R4F	-0.01	-0.02	0.00	.	0.1680	0.4777	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.00	-0.01	0.00	.	0.3434	1.0000	n.a.
	Sham	switch	-0.00	-0.01	0.00	.	0.3434	1.0000	n.a.
	3R4F	THS2.2	0.01	-0.00	0.02	.	0.1680	0.4747	n.a.
	3R4F	cess	0.00	-0.01	0.02	0.0001	0.5140	0.4750	(-)
	3R4F	switch	0.00	-0.01	0.02	0.0001	0.5140	0.4776	(-)
	cess	switch	0.00	-0.01	0.01	0.0001	1.0000	1.0000	(-)
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.01	-0.02	0.01	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.01	-0.02	0.01	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.01	-0.01	0.02	.	0.3434	1.0000	n.a.


Thrombopoietin (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch

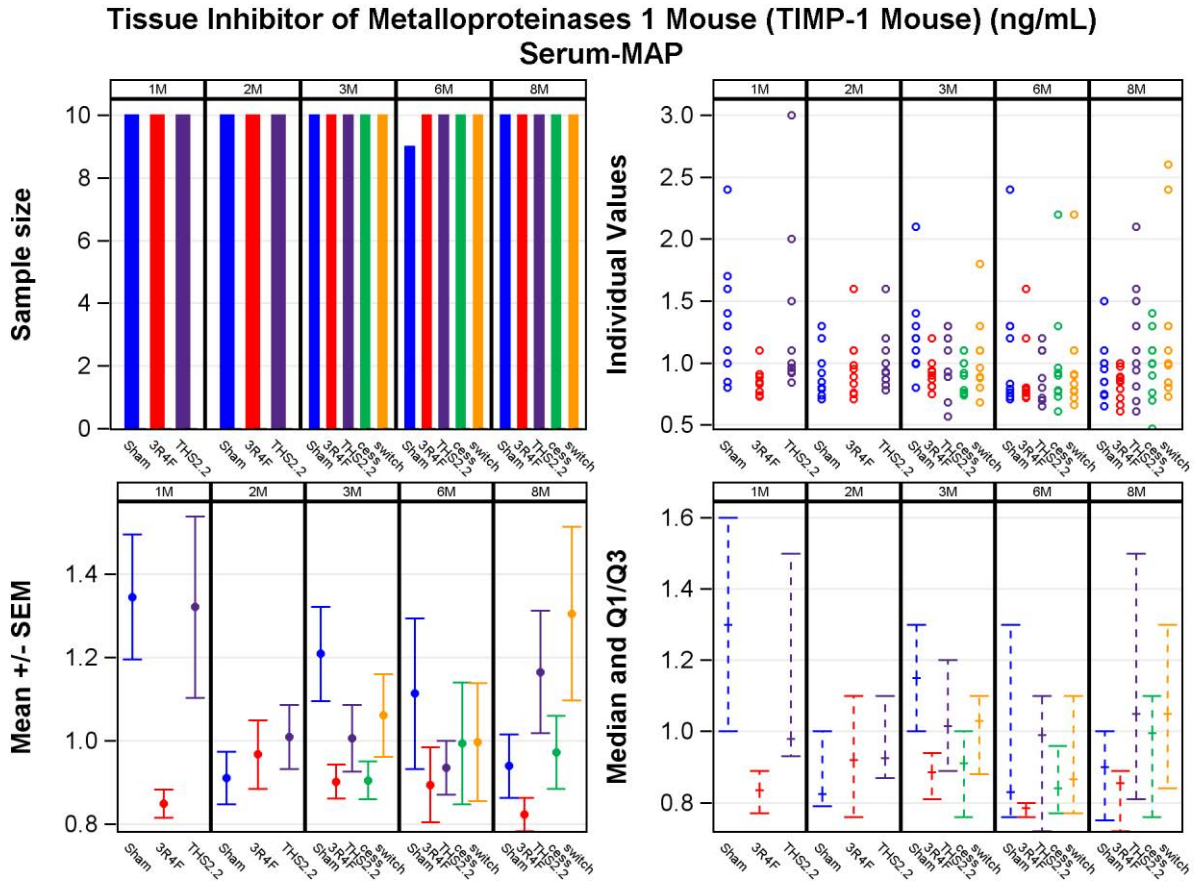

Thrombopoietin (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

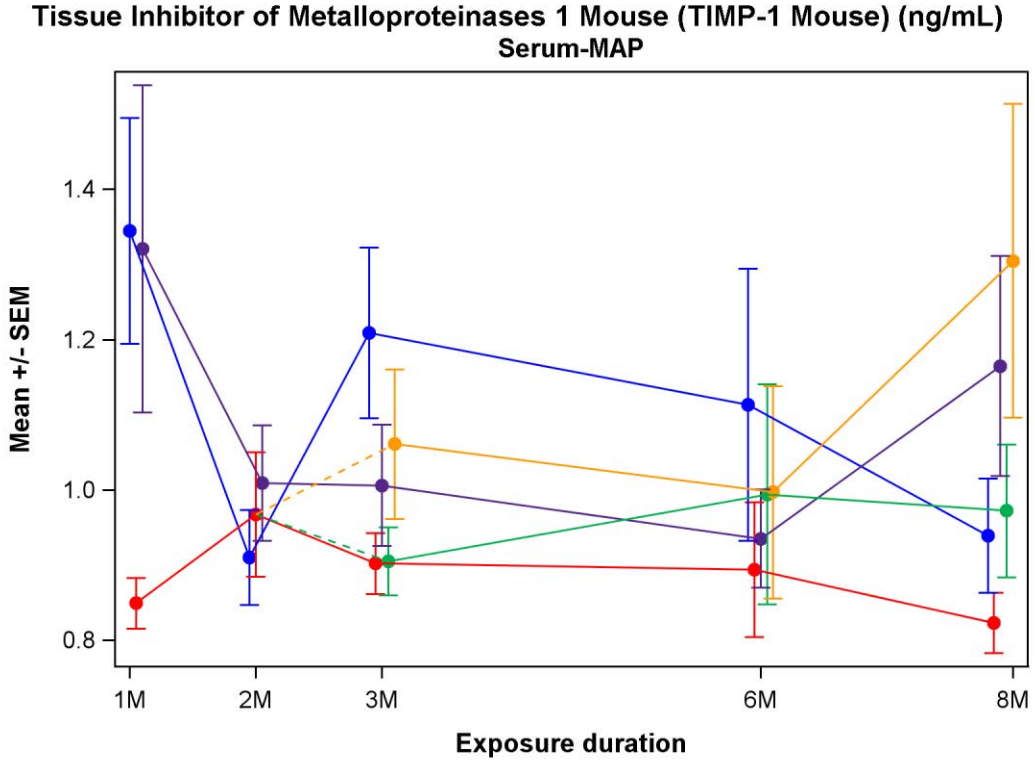
Thrombopoietin (ng/mL)
Serum-MAP

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	22.00	0	47.00	50.00	54.00	61.00	66.00	54.80	6.11	1.93	11.14			
	3R4F	10	22.00	0	33.00	45.00	55.00	55.00	76.00	52.50	11.54	3.65	21.98	-		
	THS2.2	10	22.00	0	47.00	55.00	56.50	61.00	66.00	57.10	5.88	1.86	10.29	-	-	
2M	Sham	10	22.00	0	40.00	57.00	59.00	66.00	74.00	60.00	9.08	2.87	15.13			
	3R4F	10	22.00	0	50.00	59.00	62.00	66.00	72.00	61.10	6.57	2.08	10.76	-		
	THS2.2	10	22.00	0	50.00	57.00	60.00	70.00	76.00	62.90	8.17	2.58	12.99	-	-	
3M	Sham	10	22.00	0	64.00	74.00	79.00	88.00	97.00	79.90	9.98	3.16	12.49			
	3R4F	10	22.00	0	64.00	69.00	79.00	84.00	97.00	78.70	10.02	3.17	12.74	-		
	THS2.2	10	22.00	0	64.00	69.00	75.50	84.00	100.00	78.30	11.24	3.55	14.35	-	-	
	cess	10	22.00	0	54.00	74.00	75.50	84.00	86.00	75.50	9.31	2.94	12.33	-	-	
	switch	10	22.00	0	69.00	74.00	81.50	84.00	110.00	81.80	11.73	3.71	14.34	-	-	-
6M	Sham	9	22.00	0	68.00	76.00	83.00	89.00	97.00	82.44	8.86	2.95	10.75			
	3R4F	10	22.00	0	55.00	63.00	78.50	85.00	93.00	75.80	13.16	4.16	17.37	-		
	THS2.2	10	22.00	0	55.00	63.00	78.50	89.00	97.00	76.20	14.33	4.53	18.80	-	-	
	cess	10	22.00	0	68.00	72.00	83.00	89.00	114.00	82.90	13.80	4.36	16.64	-	-	
	switch	10	22.00	0	55.00	63.00	81.00	81.00	85.00	74.90	10.71	3.39	14.30	-	(-)	-
8M	Sham	10	15.00	0	44.00	46.00	49.00	57.00	70.00	52.80	8.77	2.77	16.60			
	3R4F	10	15.00	0	30.00	49.00	57.00	62.00	70.00	55.30	11.20	3.54	20.25	-		
	THS2.2	10	15.00	0	41.00	46.00	54.00	57.00	62.00	52.20	7.24	2.29	13.87	-	-	
	cess	10	15.00	0	46.00	53.00	54.00	61.00	67.00	56.50	6.69	2.11	11.84	-	-	
	switch	10	15.00	0	44.00	46.00	53.00	62.00	66.00	54.20	8.24	2.61	15.21	-	-	-

Thrombopoietin (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	2.30	-6.57	11.17	0.4376	0.5865	0.5636	-
	Sham	THS2.2	-2.30	-7.93	3.33	0.7700	0.4021	0.3740	-
	3R4F	THS2.2	-4.60	-13.42	4.22	0.8067	0.2811	0.1569	-
2M	Sham	3R4F	-1.10	-8.60	6.40	0.4103	0.7602	0.7896	-
	Sham	THS2.2	-2.90	-11.02	5.22	0.6146	0.4626	0.5950	-
	3R4F	THS2.2	-1.80	-8.79	5.19	0.6985	0.5942	0.8687	-
3M	Sham	3R4F	1.20	-8.20	10.60	0.6985	0.7916	0.8183	-
	Sham	THS2.2	1.60	-8.40	11.60	0.6993	0.7403	0.5967	-
	Sham	cess	4.40	-4.67	13.47	0.4956	0.3217	0.3405	-
	Sham	switch	-1.90	-12.15	8.35	0.5266	0.7011	0.9517	-
	3R4F	THS2.2	0.40	-9.61	10.41	0.4214	0.9340	0.8082	-
	3R4F	cess	3.20	-5.89	12.29	0.9009	0.4691	0.6424	-
	3R4F	switch	-3.10	-13.37	7.17	0.2182	0.5333	0.6312	-
	cess	switch	-6.30	-16.29	3.69	0.5312	0.2008	0.4153	-
6M	Sham	3R4F	6.64	-4.19	17.47	0.5381	0.2116	0.3308	-
	Sham	THS2.2	6.24	-5.27	17.76	0.6383	0.2661	0.4075	-
	Sham	cess	-0.46	-11.65	10.74	0.4882	0.9322	0.8579	-
	Sham	switch	7.54	-1.94	17.03	0.2165	0.1116	0.1312	-
	3R4F	THS2.2	-0.40	-13.33	12.53	0.1713	0.9489	0.9294	-
	3R4F	cess	-7.10	-19.77	5.57	0.6550	0.2544	0.4225	-
	3R4F	switch	0.90	-10.41	12.21	0.0321	0.8688	0.7530	(-)
	cess	switch	8.00	-3.66	19.66	0.2562	0.1658	0.2083	-
8M	Sham	3R4F	-2.50	-11.99	6.99	0.8712	0.5855	0.3481	-
	Sham	THS2.2	0.60	-6.97	8.17	0.7951	0.8694	0.8652	-
	Sham	cess	-3.70	-11.06	3.66	0.0533	0.3036	0.1972	-
	Sham	switch	-1.40	-9.40	6.60	0.0686	0.7172	0.7286	-
	3R4F	THS2.2	3.10	-5.87	12.07	0.1657	0.4732	0.3190	-
	3R4F	cess	-1.20	-10.01	7.61	0.5494	0.7751	0.8353	-
	3R4F	switch	1.10	-8.20	10.40	0.5185	0.8055	0.6439	-
	cess	switch	2.30	-4.77	9.37	0.1975	0.5023	0.4903	-


Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL)
Serum-MAP

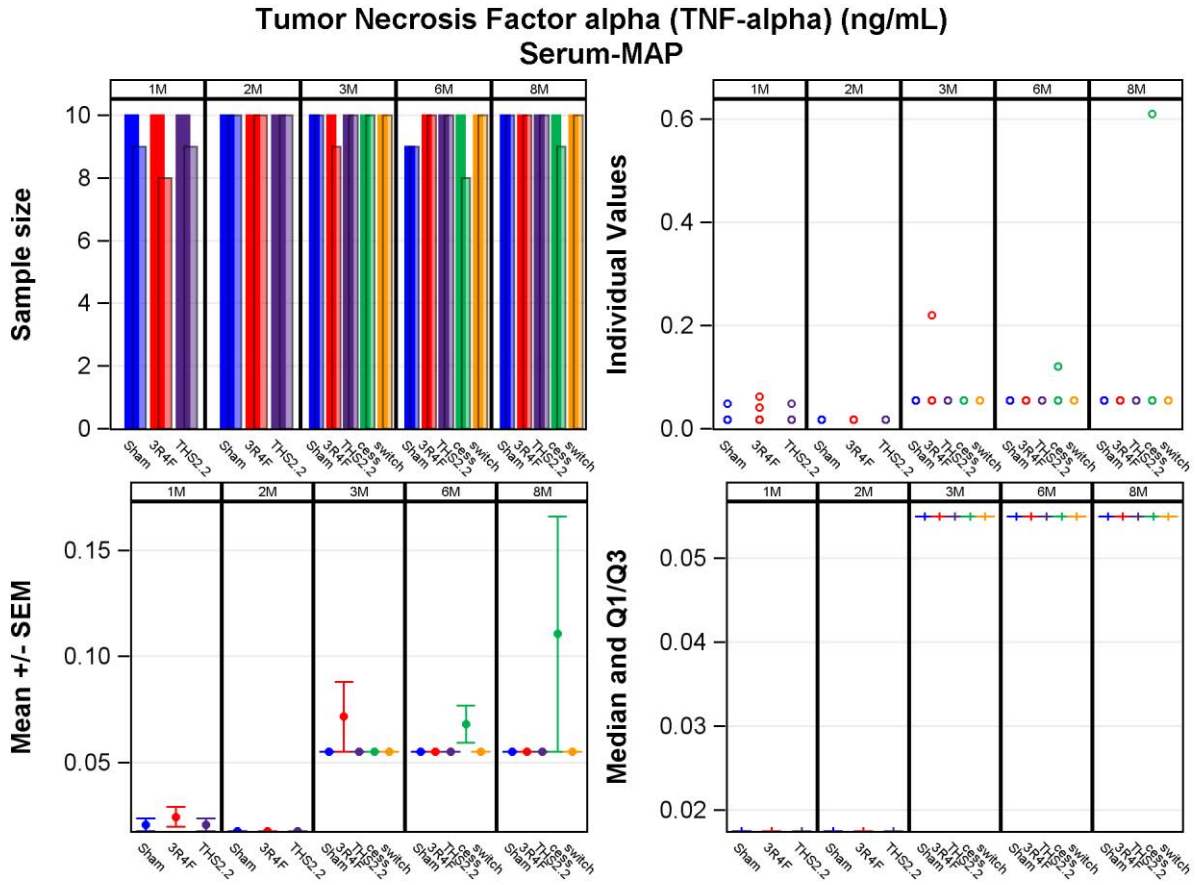
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.09	0	0.80	1.00	1.30	1.60	2.40	1.35	0.48	0.15	35.33			
	3R4F	10	0.09	0	0.73	0.77	0.84	0.89	1.10	0.85	0.11	0.03	12.51	++		
	THS2.2	10	0.09	0	0.84	0.93	0.98	1.50	3.00	1.32	0.69	0.22	52.14	(-)	+++	
2M	Sham	10	0.09	0	0.71	0.79	0.83	1.00	1.30	0.91	0.20	0.06	21.91			
	3R4F	10	0.09	0	0.71	0.76	0.92	1.10	1.60	0.97	0.26	0.08	27.08	(-)		
	THS2.2	10	0.09	0	0.78	0.87	0.93	1.10	1.60	1.01	0.24	0.08	24.17	(-)	(-)	
3M	Sham	10	0.08	0	0.80	1.00	1.15	1.30	2.10	1.21	0.36	0.11	29.61			
	3R4F	10	0.08	0	0.75	0.81	0.89	0.94	1.20	0.90	0.13	0.04	14.32	++		
	THS2.2	10	0.08	0	0.57	0.89	1.02	1.20	1.30	1.01	0.26	0.08	25.37	-	-	
	cess	10	0.08	0	0.74	0.76	0.91	1.00	1.10	0.91	0.14	0.05	15.72	*	-	
	switch	10	0.08	0	0.68	0.88	1.03	1.10	1.80	1.06	0.32	0.10	29.69	(-)	(-)	-
6M	Sham	9	0.08	0	0.71	0.76	0.83	1.30	2.40	1.11	0.54	0.18	48.70			
	3R4F	10	0.08	0	0.72	0.76	0.79	0.80	1.60	0.89	0.28	0.09	31.78	(-)		
	THS2.2	10	0.08	0	0.65	0.72	0.99	1.10	1.20	0.94	0.21	0.07	22.06	-	(-)	
	cess	10	0.08	0	0.61	0.77	0.84	0.96	2.20	0.99	0.46	0.15	46.55	(-)	(-)	
	switch	10	0.08	0	0.66	0.77	0.87	1.10	2.20	1.00	0.45	0.14	44.88	(-)	(-)	(-)
8M	Sham	10	0.08	0	0.65	0.75	0.90	1.00	1.50	0.94	0.24	0.08	25.67			
	3R4F	10	0.08	0	0.61	0.72	0.86	0.89	1.00	0.82	0.13	0.04	15.50	-		
	THS2.2	10	0.08	0	0.61	0.81	1.05	1.50	2.10	1.16	0.46	0.15	39.81	-	*	
	cess	10	0.08	0	0.47	0.76	1.00	1.10	1.40	0.97	0.28	0.09	28.71	-	-	
	switch	10	0.08	0	0.73	0.84	1.05	1.30	2.60	1.31	0.66	0.21	50.56	(-)	*	-

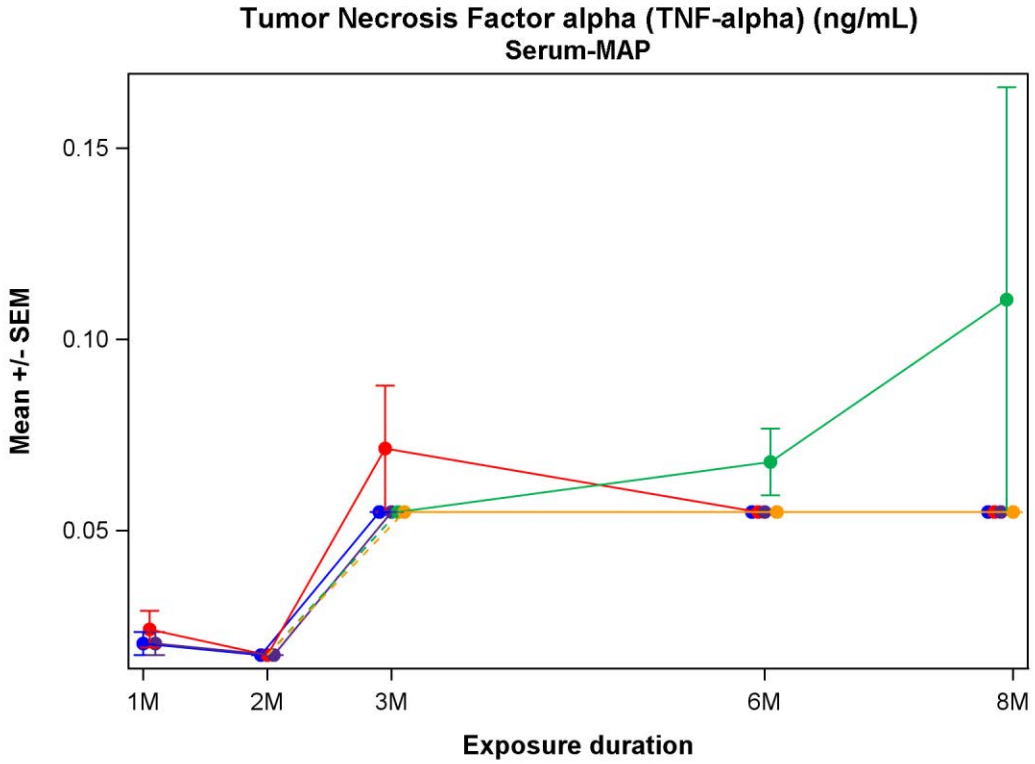
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse) (ng/mL) Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	0.50	0.15	0.84	0.0157	0.0093	0.0024	++
	Sham	THS2.2	0.02	-0.54	0.59	0.0044	0.9289	0.5157	(-)
	3R4F	THS2.2	-0.47	-0.97	0.02	0.0022	0.0595	0.0007	+++
2M	Sham	3R4F	-0.06	-0.28	0.16	0.0062	0.5911	0.6907	(-)
	Sham	THS2.2	-0.10	-0.31	0.11	0.0036	0.3339	0.2297	(-)
	3R4F	THS2.2	-0.04	-0.28	0.20	0.0014	0.7149	0.5938	(-)
3M	Sham	3R4F	0.31	0.04	0.57	0.0046	0.0264	0.0088	++
	Sham	THS2.2	0.20	-0.09	0.50	0.6391	0.1633	0.2548	-
	Sham	cess	0.30	0.04	0.57	0.1122	0.0285	0.0092	*
	Sham	switch	0.15	-0.17	0.47	0.0036	0.3396	0.2225	(-)
	3R4F	THS2.2	-0.10	-0.30	0.09	0.8735	0.2704	0.2905	-
	3R4F	cess	-0.00	-0.13	0.12	0.1524	0.9612	0.9537	-
	3R4F	switch	-0.16	-0.39	0.08	0.0104	0.1656	0.2440	(-)
	cess	switch	-0.16	-0.39	0.08	0.1679	0.1780	0.2756	-
6M	Sham	3R4F	0.22	-0.22	0.66	0.0001	0.2989	0.4447	(-)
	Sham	THS2.2	0.18	-0.25	0.61	0.1917	0.3751	0.4567	-
	Sham	cess	0.12	-0.37	0.61	0.0001	0.6149	0.7341	(-)
	Sham	switch	0.12	-0.37	0.60	0.0001	0.6194	0.6779	(-)
	3R4F	THS2.2	-0.04	-0.28	0.19	0.0403	0.7167	0.6602	(-)
	3R4F	cess	-0.10	-0.47	0.27	0.0001	0.5690	0.6195	(-)
	3R4F	switch	-0.10	-0.46	0.25	0.0001	0.5480	0.5175	(-)
	cess	switch	-0.00	-0.43	0.42	0.0001	0.9884	0.9256	(-)
8M	Sham	3R4F	0.12	-0.07	0.30	0.8324	0.2005	0.3585	-
	Sham	THS2.2	-0.23	-0.58	0.13	0.0715	0.1938	0.3340	-
	Sham	cess	-0.03	-0.28	0.21	0.8504	0.7805	0.6184	-
	Sham	switch	-0.37	-0.85	0.12	0.0063	0.1268	0.2246	(-)
	3R4F	THS2.2	-0.34	-0.68	-0.00	0.9830	0.0474	0.0719	*
	3R4F	cess	-0.15	-0.36	0.06	0.5134	0.1493	0.1123	-
	3R4F	switch	-0.48	-0.96	-0.01	0.6287	0.0476	0.0280	*
	cess	switch	-0.33	-0.83	0.16	0.2861	0.1671	0.4129	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
Serum-MAP
Mean +/- SEM
0.15
0.10
0.05
1M
2M
3M
6M
8M
Exposure duration

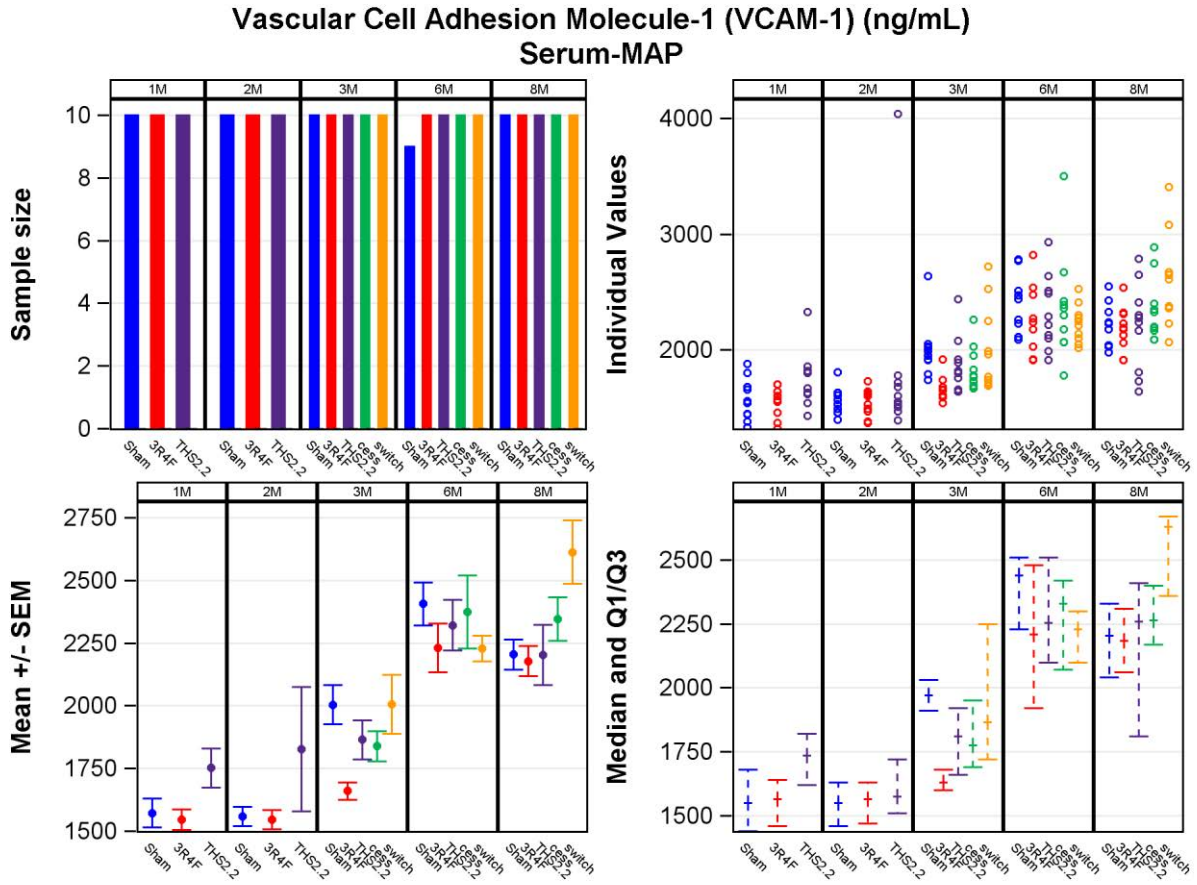
Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
Serum-MAP

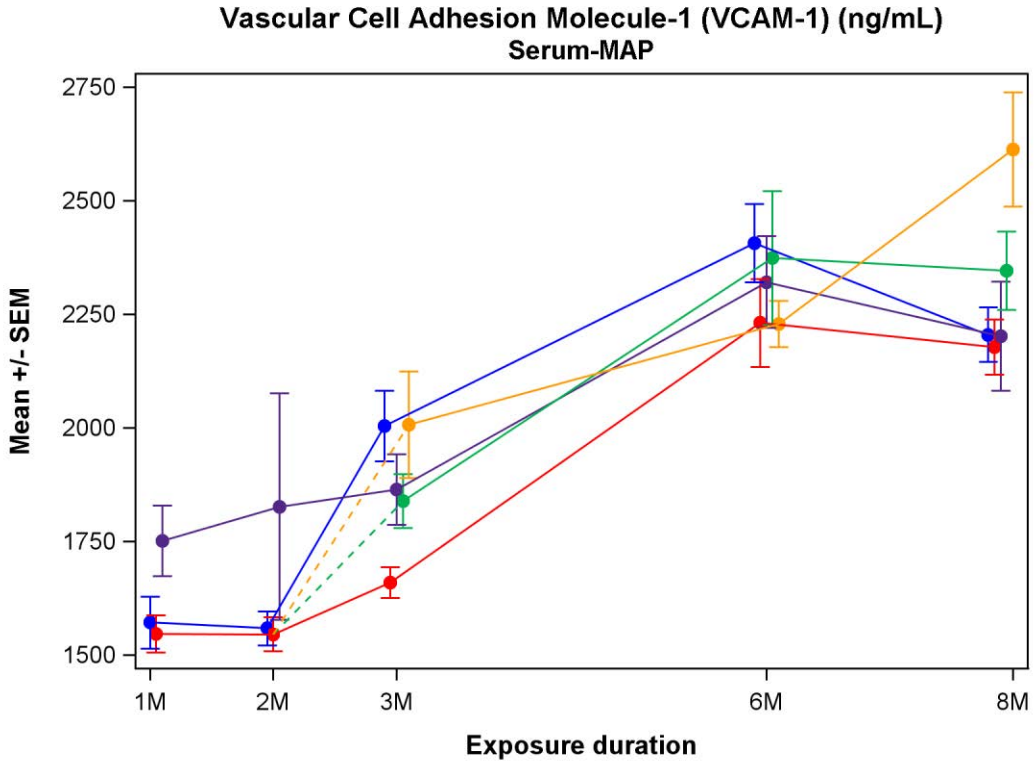
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	0.04	9	0.02	0.02	0.02	0.02	0.05	0.02	0.01	0.00	46.93			
	3R4F	10	0.04	8	0.02	0.02	0.02	0.02	0.06	0.02	0.02	0.00	62.41	(-)		
	THS2.2	10	0.04	9	0.02	0.02	0.02	0.02	0.05	0.02	0.01	0.00	46.93	(-)	(-)	
2M	Sham	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00			
	3R4F	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.04	10	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	n.a.	n.a.	
3M	Sham	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	9	0.06	0.06	0.06	0.06	0.22	0.07	0.05	0.02	72.98	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
	switch	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	n.a.
6M	Sham	9	0.11	9	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.11	8	0.06	0.06	0.06	0.06	0.12	0.07	0.03	0.01	40.30	(-)	n.a.	
	switch	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	n.a.
8M	Sham	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00			
	3R4F	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.		
	THS2.2	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	
	cess	10	0.11	9	0.06	0.06	0.06	0.06	0.61	0.11	0.18	0.06	158.83	n.a.	n.a.	
	switch	10	0.11	10	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	n.a.	n.a.	n.a.

Tumor Necrosis Factor alpha (TNF-alpha) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-0.00	-0.02	0.01	0.0001	0.5192	0.7396	(-)
	Sham	THS2.2	0.00	-0.01	0.01	0.0001	1.0000	1.0000	(-)
	3R4F	THS2.2	0.00	-0.01	0.02	0.0001	0.5192	0.7354	(-)
2M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
3M	Sham	3R4F	-0.02	-0.05	0.02	.	0.3434	1.0000	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	0.00	0.00	0.00	.	.	.	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.02	-0.02	0.05	.	0.3434	1.0000	n.a.
	3R4F	cess	0.02	-0.02	0.05	.	0.3434	1.0000	n.a.
	3R4F	switch	0.02	-0.02	0.05	.	0.3434	1.0000	n.a.
	cess	switch	0.00	0.00	0.00	.	.	.	n.a.
6M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.01	-0.03	0.01	0.0001	0.1679	0.4775	(-)
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.01	-0.03	0.01	.	0.1679	0.4625	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.01	-0.01	0.03	.	0.1679	0.4789	n.a.
8M	Sham	3R4F	0.00	0.00	0.00	.	.	.	n.a.
	Sham	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	Sham	cess	-0.06	-0.18	0.07	.	0.3434	1.0000	n.a.
	Sham	switch	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	THS2.2	0.00	0.00	0.00	.	.	.	n.a.
	3R4F	cess	-0.06	-0.18	0.07	.	0.3434	1.0000	n.a.
	3R4F	switch	0.00	0.00	0.00	.	.	.	n.a.
	cess	switch	0.06	-0.07	0.18	.	0.3434	1.0000	n.a.

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
Serum-MAP

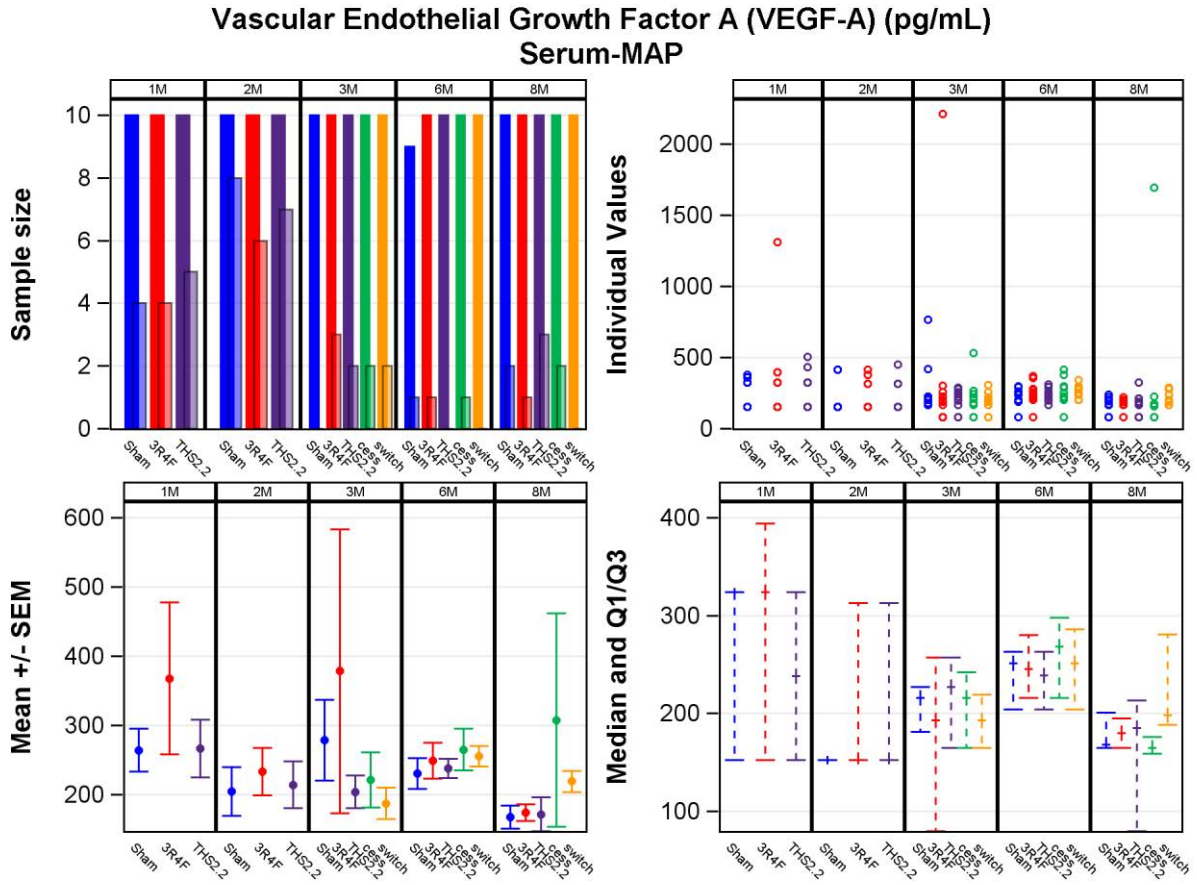
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	5.40	0	1330.0	1440.0	1550.0	1680.0	1880.0	1572.0	181.10	57.27	11.52			
	3R4F	10	5.40	0	1320.0	1460.0	1565.0	1640.0	1700.0	1547.0	128.85	40.74	8.33	-		
	THS2.2	10	5.40	0	1430.0	1620.0	1735.0	1820.0	2330.0	1752.0	246.07	77.81	14.05	-	*	
2M	Sham	10	5.40	0	1400.0	1460.0	1550.0	1630.0	1810.0	1559.0	118.46	37.46	7.60			
	3R4F	10	5.40	0	1370.0	1470.0	1565.0	1630.0	1730.0	1546.0	118.25	37.39	7.65	-		
	THS2.2	10	5.40	0	1390.0	1510.0	1575.0	1720.0	4040.0	1827.0	786.55	248.73	43.05	(-)	(-)	
3M	Sham	10	6.00	0	1740.0	1910.0	1970.0	2030.0	2640.0	2004.0	245.41	77.61	12.25			
	3R4F	10	6.00	0	1540.0	1600.0	1630.0	1680.0	1920.0	1660.0	106.67	33.73	6.43	+++		
	THS2.2	10	6.00	0	1640.0	1660.0	1810.0	1920.0	2440.0	1865.0	245.19	77.53	13.15	(-)	+	
	cess	10	6.00	0	1670.0	1690.0	1775.0	1950.0	2260.0	1839.0	189.24	59.84	10.29	(-)	++	
	switch	10	6.00	0	1690.0	1720.0	1865.0	2250.0	2720.0	2007.0	372.38	117.76	18.55	(-)	+++	(-)
6M	Sham	9	6.00	0	2090.0	2230.0	2440.0	2510.0	2780.0	2406.7	256.95	85.65	10.68			
	3R4F	10	6.00	0	1910.0	1920.0	2210.0	2480.0	2820.0	2231.0	306.50	96.92	13.74	-		
	THS2.2	10	6.00	0	1910.0	2100.0	2255.0	2510.0	2930.0	2321.0	318.31	100.66	13.71	-	-	
	cess	10	6.00	0	1780.0	2070.0	2330.0	2420.0	3500.0	2374.0	464.14	146.77	19.55	-	-	
	switch	10	6.00	0	2020.0	2100.0	2230.0	2300.0	2530.0	2229.0	160.59	50.78	7.20	-	-	-
8M	Sham	10	6.00	0	1980.0	2040.0	2205.0	2330.0	2550.0	2205.0	189.58	59.95	8.60			
	3R4F	10	6.00	0	1910.0	2060.0	2185.0	2310.0	2540.0	2178.0	191.88	60.68	8.81	-		
	THS2.2	10	6.00	0	1640.0	1810.0	2260.0	2410.0	2790.0	2202.0	380.08	120.19	17.26	-	-	
	cess	10	6.00	0	2090.0	2170.0	2265.0	2400.0	2890.0	2346.0	272.85	86.28	11.63	(-)	-	
	switch	10	6.00	0	2070.0	2360.0	2630.0	2670.0	3410.0	2613.0	397.35	125.65	15.21	*	**	(-)

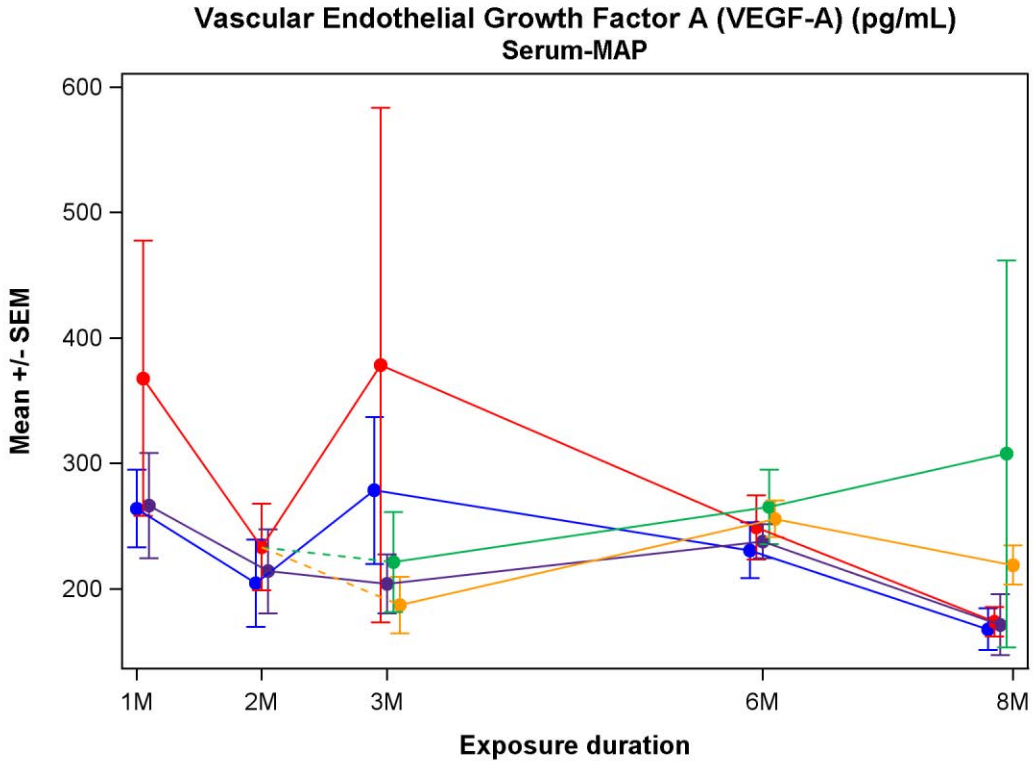
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Vascular Cell Adhesion Molecule-1 (VCAM-1) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	25.00	-123.8	173.80	0.8178	0.7266	0.9883	-
	Sham	THS2.2	-180.0	-384.3	24.28	0.2970	0.0803	0.1192	-
	3R4F	THS2.2	-205.0	-393.9	-16.08	0.7938	0.0355	0.0422	*
2M	Sham	3R4F	13.00	-98.20	124.20	0.5614	0.8088	1.0000	-
	Sham	THS2.2	-268.0	-833.3	297.27	0.0015	0.3132	0.4864	(-)
	3R4F	THS2.2	-281.0	-846.3	284.26	0.0212	0.2916	0.4093	(-)
3M	Sham	3R4F	344.00	160.10	527.90	0.0007	0.0015	0.0001	+++
	Sham	THS2.2	139.00	-91.47	369.47	0.0010	0.2213	0.1101	(-)
	Sham	cess	165.00	-41.84	371.84	0.0021	0.1106	0.0572	(-)
	Sham	switch	-3.00	-302.6	296.63	0.0042	0.9833	0.4725	(-)
	3R4F	THS2.2	-205.0	-388.7	-21.25	0.0032	0.0316	0.0142	+
	3R4F	cess	-179.0	-326.1	-31.86	0.0043	0.0206	0.0025	++
	3R4F	switch	-347.0	-618.3	-75.71	0.0071	0.0170	0.0005	+++
	cess	switch	-168.0	-452.6	116.59	0.0030	0.2251	0.3843	(-)
6M	Sham	3R4F	175.67	-97.32	448.65	0.1861	0.1923	0.2740	-
	Sham	THS2.2	85.67	-193.4	364.73	0.3331	0.5256	0.5720	-
	Sham	cess	32.67	-331.1	396.41	0.1551	0.8503	0.3817	-
	Sham	switch	177.67	-37.17	392.51	0.2557	0.0974	0.1608	-
	3R4F	THS2.2	-90.00	-383.6	203.61	0.1361	0.5277	0.5418	-
	3R4F	cess	-143.0	-516.7	230.66	0.0656	0.4284	0.4922	-
	3R4F	switch	2.00	-233.3	237.34	0.1883	0.9857	0.7206	-
	cess	switch	145.00	-196.4	486.37	0.1312	0.3703	0.4561	-
8M	Sham	3R4F	27.00	-152.2	206.21	0.4197	0.7552	0.7787	-
	Sham	THS2.2	3.00	-286.7	292.68	0.3486	0.9825	0.8678	-
	Sham	cess	-141.0	-363.7	81.68	0.0311	0.1983	0.2525	(-)
	Sham	switch	-408.0	-709.0	-107.0	0.1605	0.0118	0.0068	*
	3R4F	THS2.2	-24.00	-314.2	266.19	0.4217	0.8612	0.7857	-
	3R4F	cess	-168.0	-391.4	55.44	0.2042	0.1306	0.1703	-
	3R4F	switch	-435.0	-736.5	-133.5	0.2767	0.0082	0.0028	**
	cess	switch	-267.0	-590.2	56.22	0.0249	0.0990	0.1193	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

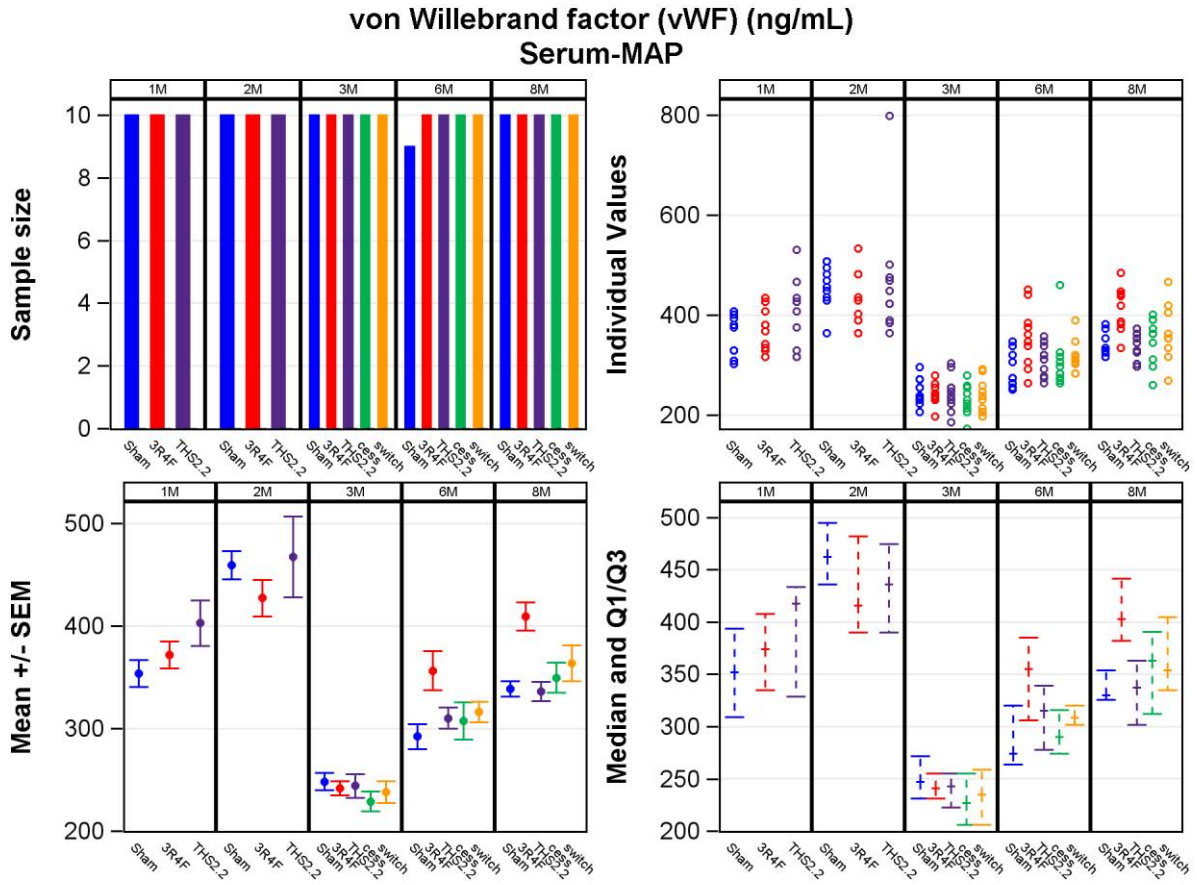
Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
Serum-MAP

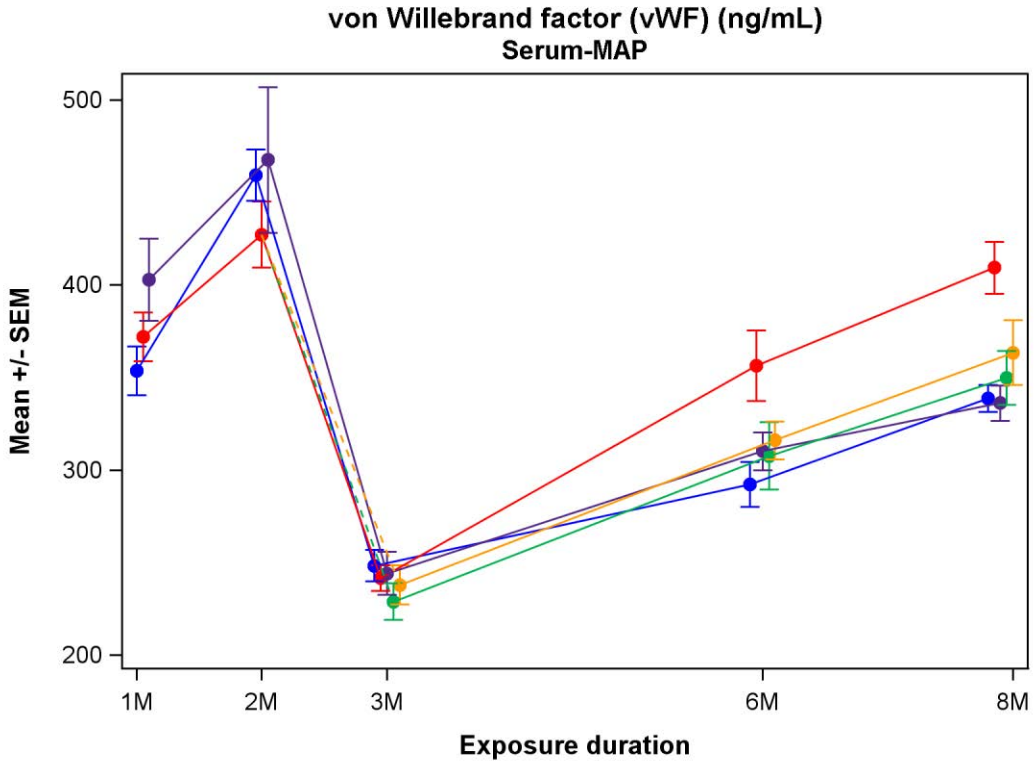
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	304.00	4	152.00	152.00	324.00	324.00	376.00	263.90	97.83	30.94	37.07			
	3R4F	10	304.00	4	152.00	152.00	324.00	394.00	1310.0	367.80	346.59	109.60	94.23	(-)		
	THS2.2	10	304.00	5	152.00	152.00	238.00	324.00	503.00	266.50	132.55	41.92	49.74	(-)	(-)	
2M	Sham	10	304.00	8	152.00	152.00	152.00	152.00	414.00	204.40	110.47	34.93	54.05			
	3R4F	10	304.00	6	152.00	152.00	152.00	313.00	414.00	233.20	108.80	34.41	46.65	(-)		
	THS2.2	10	304.00	7	152.00	152.00	152.00	313.00	449.00	213.90	106.32	33.62	49.71	(-)	(-)	
3M	Sham	10	159.00	0	165.00	181.00	215.50	227.00	764.00	278.40	185.54	58.67	66.64			
	3R4F	10	159.00	3	79.50	79.50	193.00	257.00	2210.0	378.35	648.15	204.96	171.31	(-)		
	THS2.2	10	159.00	2	79.50	165.00	227.00	257.00	286.00	203.90	74.71	23.62	36.64	-	(-)	
	cess	10	159.00	2	79.50	165.00	215.50	242.00	530.00	221.40	126.08	39.87	56.95	(-)	(-)	
	switch	10	159.00	2	79.50	165.00	193.00	219.00	308.00	187.10	71.00	22.45	37.95	(-)	(-)	-
6M	Sham	9	159.00	1	79.50	204.00	251.00	263.00	298.00	230.50	66.76	22.25	28.96			
	3R4F	10	159.00	1	79.50	216.00	245.00	280.00	367.00	248.85	81.08	25.64	32.58	-		
	THS2.2	10	159.00	0	167.00	204.00	239.00	263.00	309.00	237.70	42.82	13.54	18.01	-	-	
	cess	10	159.00	1	79.50	216.00	268.50	298.00	413.00	265.05	93.96	29.71	35.45	-	-	
	switch	10	159.00	0	204.00	204.00	251.00	286.00	344.00	255.60	46.21	14.61	18.08	-	-	-
8M	Sham	10	159.00	2	79.50	165.00	168.00	201.00	237.00	167.70	52.58	16.63	31.35			
	3R4F	10	159.00	1	79.50	165.00	179.50	195.00	219.00	173.65	37.67	11.91	21.69	(-)		
	THS2.2	10	159.00	3	79.50	79.50	185.00	213.00	326.00	171.35	77.03	24.36	44.96	-	-	
	cess	10	159.00	2	79.50	159.00	165.00	176.00	1690.0	307.50	487.74	154.24	158.61	(-)	(-)	
	switch	10	159.00	0	165.00	188.00	198.00	281.00	288.00	218.90	48.79	15.43	22.29	*	*	+

Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Vascular Endothelial Growth Factor A (VEGF-A) (pg/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-103.9	-356.3	148.46	0.0452	0.3822	0.6361	(-)
	Sham	THS2.2	-2.60	-112.7	107.54	0.0078	0.9608	0.9468	(-)
	3R4F	THS2.2	101.30	-155.4	358.01	0.0022	0.4055	0.7041	(-)
2M	Sham	3R4F	-28.80	-131.8	74.21	0.0001	0.5642	0.6311	(-)
	Sham	THS2.2	-9.50	-111.4	92.37	0.0001	0.8469	0.8673	(-)
	3R4F	THS2.2	19.30	-81.77	120.37	0.0002	0.6930	0.7642	(-)
3M	Sham	3R4F	-99.95	-572.1	372.23	0.0001	0.6488	0.4783	(-)
	Sham	THS2.2	74.50	-63.51	212.51	0.1542	0.2620	1.0000	-
	Sham	cess	57.00	-93.50	207.50	0.0003	0.4336	0.8130	(-)
	Sham	switch	91.30	-46.13	228.73	0.0435	0.1727	0.2347	(-)
	3R4F	THS2.2	174.45	-290.4	639.34	0.0269	0.4192	0.6917	(-)
	3R4F	cess	156.95	-310.4	624.29	0.0001	0.4701	0.8113	(-)
	3R4F	switch	191.25	-273.5	656.02	0.0046	0.3773	0.9215	(-)
	cess	switch	34.30	-63.72	132.32	0.1593	0.4658	0.5701	-
6M	Sham	3R4F	-18.35	-90.01	53.31	0.0956	0.5959	0.7707	-
	Sham	THS2.2	-7.20	-63.31	48.91	0.8275	0.7865	0.8311	-
	Sham	cess	-34.55	-113.2	44.07	0.1937	0.3657	0.4209	-
	Sham	switch	-25.10	-82.17	31.97	0.8416	0.3617	0.6137	-
	3R4F	THS2.2	11.15	-51.19	73.49	0.5479	0.7065	0.5862	-
	3R4F	cess	-16.20	-98.78	66.38	0.1594	0.6848	0.5990	-
	3R4F	switch	-6.75	-69.93	56.43	0.9483	0.8223	0.9557	-
	cess	switch	9.45	-62.02	80.92	0.9851	0.7798	0.6197	-
8M	Sham	3R4F	-5.95	-49.24	37.34	0.0159	0.7748	0.9176	(-)
	Sham	THS2.2	-3.65	-66.21	58.91	0.2140	0.9031	0.9838	-
	Sham	cess	-139.8	-489.5	209.92	0.0082	0.3904	0.7114	(-)
	Sham	switch	-51.20	-98.87	-3.53	0.3429	0.0367	0.0928	*
	3R4F	THS2.2	2.30	-56.25	60.85	0.1933	0.9337	0.9487	-
	3R4F	cess	-133.9	-483.2	215.47	0.0008	0.4091	0.4127	(-)
	3R4F	switch	-45.25	-86.39	-4.11	0.3107	0.0330	0.0878	*
	cess	switch	88.60	-261.0	438.20	0.0006	0.5813	0.0364	+


von Willebrand factor (vWF) (ng/mL)
Serum-MAP
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


von Willebrand factor (vWF) (ng/mL)
Serum-MAP
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

von Willebrand factor (vWF) (ng/mL)
Serum-MAP

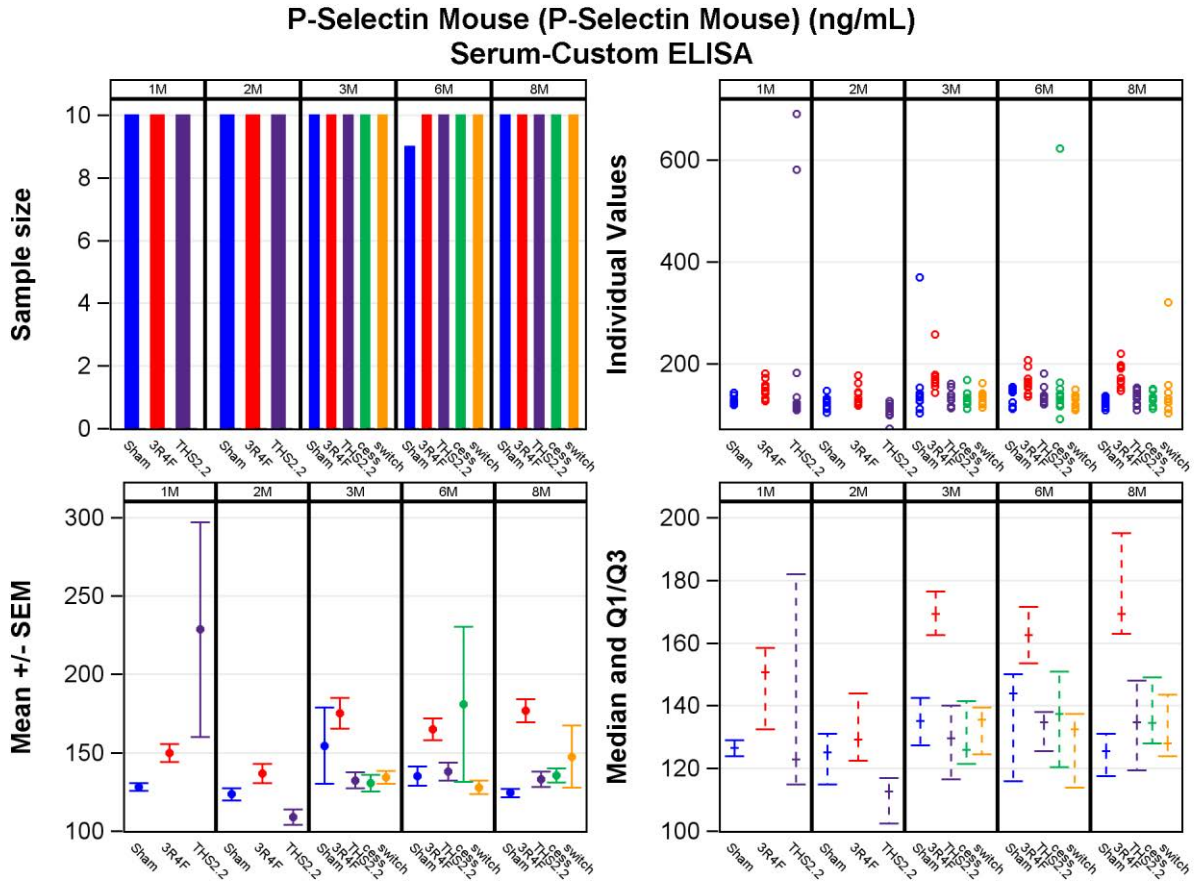
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	45.00	0	302.00	309.00	352.00	394.00	408.00	353.70	42.03	13.29	11.88			
	3R4F	10	45.00	0	316.00	335.00	374.50	408.00	434.00	372.10	41.63	13.16	11.19	-		
	THS2.2	10	45.00	0	316.00	329.00	417.50	434.00	531.00	402.90	69.83	22.08	17.33	-	-	
2M	Sham	10	45.00	0	364.00	436.00	462.50	495.00	508.00	459.60	43.83	13.86	9.54			
	3R4F	10	45.00	0	364.00	390.00	416.00	482.00	533.00	427.30	56.39	17.83	13.20	-		
	THS2.2	10	45.00	0	364.00	390.00	436.00	475.00	799.00	467.70	124.31	39.31	26.58	-	(-)	
3M	Sham	10	36.00	0	206.00	231.00	247.00	272.00	296.00	248.40	26.83	8.49	10.80			
	3R4F	10	36.00	0	198.00	231.00	241.00	255.00	280.00	241.80	21.84	6.91	9.03	-		
	THS2.2	10	36.00	0	186.00	223.00	243.00	255.00	304.00	244.20	36.51	11.55	14.95	-	-	
	cess	10	36.00	0	173.00	206.00	227.00	255.00	280.00	229.00	31.33	9.91	13.68	-	-	
	switch	10	36.00	0	198.00	206.00	235.00	259.00	292.00	238.00	33.68	10.65	14.15	-	-	-
6M	Sham	9	36.00	0	251.00	264.00	274.00	320.00	348.00	292.33	36.75	12.25	12.57			
	3R4F	10	36.00	0	264.00	306.00	355.00	385.00	451.00	356.40	60.50	19.13	16.97	*		
	THS2.2	10	36.00	0	264.00	278.00	315.50	339.00	357.00	310.30	32.41	10.25	10.44	-	-	
	cess	10	36.00	0	264.00	274.00	290.00	316.00	460.00	307.70	57.20	18.09	18.59	(-)	-	
	switch	10	36.00	0	283.00	302.00	308.50	320.00	390.00	316.10	31.99	10.12	10.12	-	-	(-)
8M	Sham	10	36.00	0	316.00	326.00	330.00	354.00	382.00	338.80	23.10	7.31	6.82			
	3R4F	10	36.00	0	335.00	382.00	403.00	442.00	484.00	409.40	44.18	13.97	10.79	***		
	THS2.2	10	36.00	0	298.00	302.00	337.50	363.00	373.00	336.20	29.91	9.46	8.90	-	***	
	cess	10	36.00	0	260.00	312.00	363.00	391.00	401.00	349.70	46.07	14.57	13.17	-	**	
	switch	10	36.00	0	269.00	335.00	354.00	405.00	466.00	363.50	55.36	17.51	15.23	-	-	-

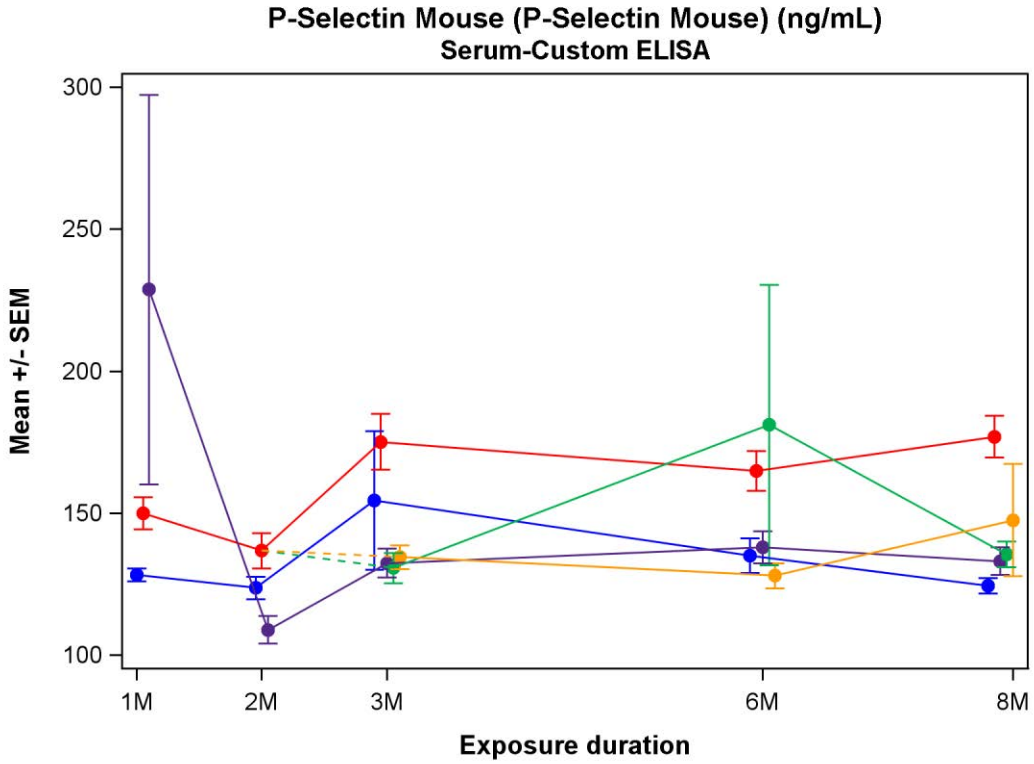
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

von Willebrand factor (vWF) (ng/mL)
Serum-MAP

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-18.40	-57.70	20.90	0.0625	0.3384	0.2869	-
	Sham	THS2.2	-49.20	-104.2	5.81	0.1151	0.0759	0.0535	-
	3R4F	THS2.2	-30.80	-85.70	24.10	0.2971	0.2499	0.4058	-
2M	Sham	3R4F	32.30	-15.36	79.96	0.9031	0.1708	0.1590	-
	Sham	THS2.2	-8.10	-99.63	83.43	0.1393	0.8494	0.3633	-
	3R4F	THS2.2	-40.40	-134.0	53.19	0.0098	0.3670	0.6719	(-)
3M	Sham	3R4F	6.60	-16.45	29.65	0.8072	0.5542	0.7176	-
	Sham	THS2.2	4.20	-26.10	34.50	0.6430	0.7731	0.7513	-
	Sham	cess	19.40	-8.05	46.85	0.8369	0.1546	0.2045	-
	Sham	switch	10.40	-18.31	39.11	0.4821	0.4555	0.4250	-
	3R4F	THS2.2	-2.40	-31.12	26.32	0.6405	0.8608	0.9820	-
	3R4F	cess	12.80	-12.79	38.39	0.6578	0.3048	0.3413	-
	3R4F	switch	3.80	-23.19	30.79	0.8326	0.7687	0.7212	-
	cess	switch	-9.00	-39.57	21.57	0.6210	0.5439	0.7029	-
6M	Sham	3R4F	-64.07	-112.5	-15.66	0.2850	0.0129	0.0154	*
	Sham	THS2.2	-17.97	-51.81	15.88	0.1457	0.2771	0.2148	-
	Sham	cess	-15.37	-61.80	31.07	0.0170	0.4922	0.5849	(-)
	Sham	switch	-23.77	-57.45	9.91	0.0742	0.1541	0.1882	-
	3R4F	THS2.2	46.10	-0.52	92.72	0.3850	0.0523	0.0725	-
	3R4F	cess	48.70	-6.62	104.02	0.0709	0.0809	0.0603	-
	3R4F	switch	40.30	-6.22	86.82	0.3214	0.0842	0.1355	-
	cess	switch	-8.40	-52.81	36.01	0.0006	0.6913	0.2125	(-)
8M	Sham	3R4F	-70.60	-104.5	-36.69	0.1902	0.0006	0.0002	***
	Sham	THS2.2	2.60	-22.62	27.82	0.1867	0.8304	0.8594	-
	Sham	cess	-10.90	-46.04	24.24	0.9765	0.5151	0.4107	-
	Sham	switch	-24.70	-66.01	16.61	0.1284	0.2172	0.1772	-
	3R4F	THS2.2	73.20	37.40	109.00	0.5878	0.0005	0.0005	***
	3R4F	cess	59.70	17.29	102.11	0.6242	0.0084	0.0193	**
	3R4F	switch	45.90	-1.32	93.12	0.6540	0.0560	0.0507	-
	cess	switch	-13.80	-61.76	34.16	0.8994	0.5524	0.7800	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


P-Selectin Mouse (P-Selectin Mouse) (ng/mL)
Serum-Custom ELISA
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


P-Selectin Mouse (P-Selectin Mouse) (ng/mL)
Serum-Custom ELISA
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

P-Selectin Mouse (P-Selectin Mouse) (ng/mL)
Serum-Custom ELISA

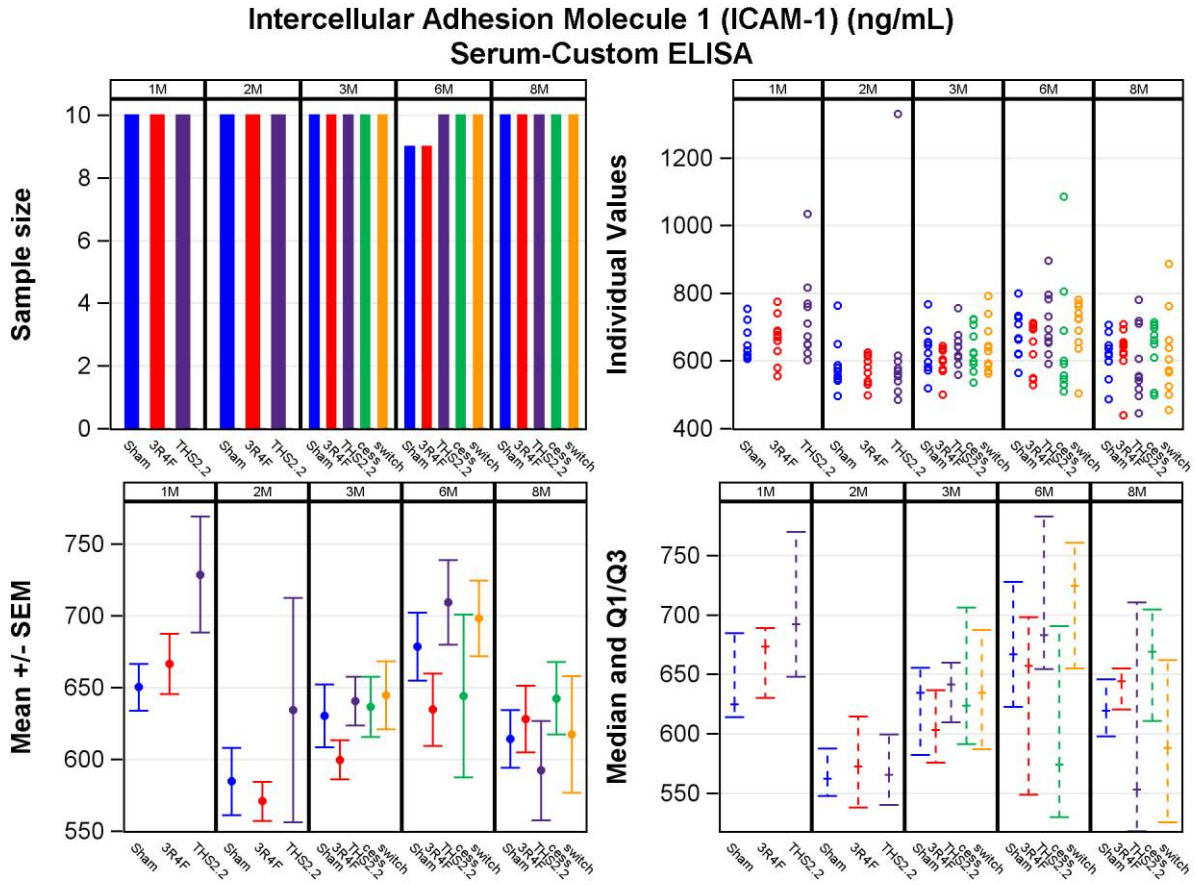
Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	16.00	0	120.00	124.00	126.50	129.00	143.50	128.25	7.26	2.30	5.66			
	3R4F	10	16.00	0	127.50	132.50	150.75	158.50	181.00	149.95	17.87	5.65	11.92	**		
	THS2.2	10	16.00	0	110.00	115.00	123.00	182.00	690.00	228.70	216.82	68.56	94.80	(-)	(-)	
2M	Sham	10	16.00	0	104.00	115.00	125.25	131.00	147.50	123.65	12.31	3.89	9.96			
	3R4F	10	16.00	0	118.00	122.50	129.25	144.00	177.00	136.85	19.64	6.21	14.35	-		
	THS2.2	10	16.00	0	73.00	102.50	112.75	117.00	127.00	108.95	15.05	4.76	13.81	*	**	
3M	Sham	10	16.00	0	103.50	127.50	135.25	142.50	370.00	154.50	77.07	24.37	49.88			
	3R4F	10	16.00	0	143.00	162.50	169.25	176.50	257.50	175.15	30.82	9.74	17.59	++		
	THS2.2	10	16.00	0	113.50	116.50	129.75	140.00	160.50	132.45	15.99	5.06	12.07	(-)	+++	
	cess	10	16.00	0	111.50	121.50	126.00	141.50	169.00	130.65	17.08	5.40	13.08	(-)	+++	
	switch	10	16.00	0	114.50	124.50	135.50	139.50	162.00	134.50	13.07	4.13	9.72	(-)	+++	-
6M	Sham	9	16.00	0	111.50	116.00	144.00	150.00	154.50	135.11	18.18	6.06	13.46			
	3R4F	10	16.00	0	135.50	153.50	162.50	171.50	207.00	164.95	22.04	6.97	13.36	**		
	THS2.2	10	16.00	0	121.00	125.50	134.75	138.00	181.00	138.00	17.85	5.64	12.93	-	++	
	cess	10	16.00	0	91.50	120.50	137.50	151.00	622.00	181.05	156.18	49.39	86.26	(-)	+	
	switch	10	16.00	0	109.00	114.00	132.50	137.50	150.00	127.95	13.91	4.40	10.87	(-)	***	(-)
8M	Sham	10	16.00	0	109.00	117.50	125.50	131.00	137.00	124.40	8.63	2.73	6.94			
	3R4F	10	16.00	0	147.00	163.00	169.25	195.00	220.00	176.95	22.95	7.26	12.97	***		
	THS2.2	10	16.00	0	109.50	119.50	134.75	148.00	153.00	133.05	15.25	4.82	11.47	-	***	
	cess	10	16.00	0	111.50	128.00	134.50	149.00	150.50	135.50	14.06	4.45	10.37	-	***	
	switch	10	16.00	0	103.50	124.00	128.00	143.50	320.50	147.55	62.68	19.82	42.48	-	++	(-)

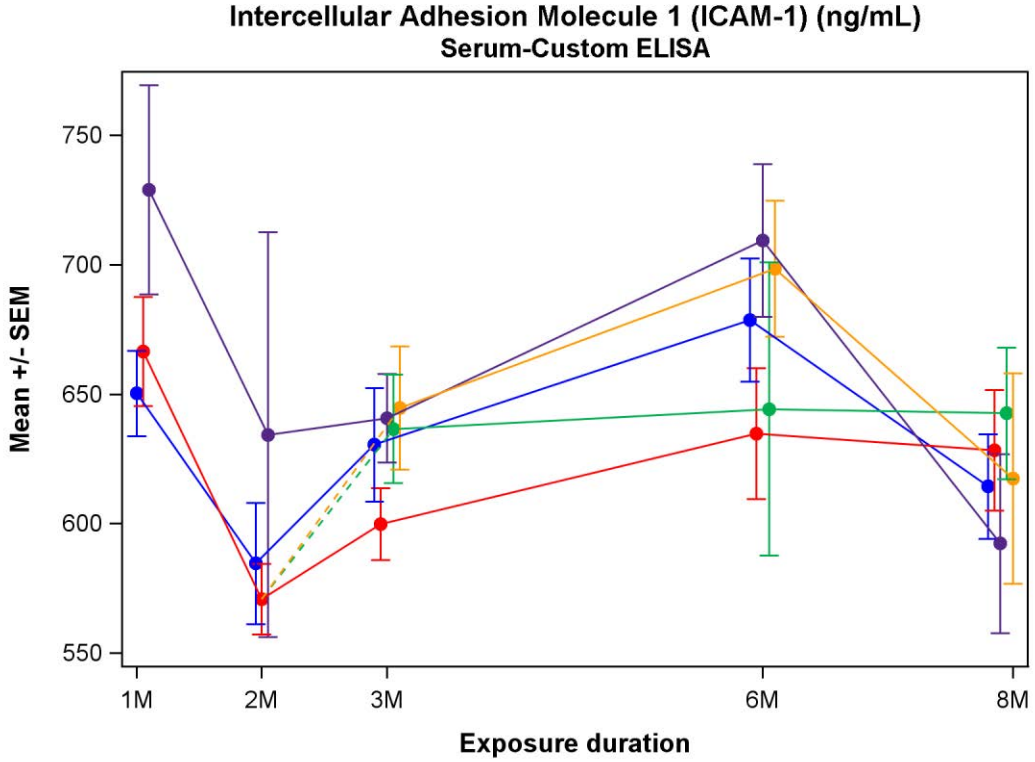
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

P-Selectin Mouse (P-Selectin Mouse) (ng/mL)
Serum-Custom ELISA

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-21.70	-35.00	-8.40	0.1387	0.0040	0.0022	**
	Sham	THS2.2	-100.5	-255.6	54.69	0.0002	0.1771	0.5641	(-)
	3R4F	THS2.2	-78.75	-234.1	76.56	0.0135	0.2815	0.2162	(-)
2M	Sham	3R4F	-13.20	-28.81	2.41	0.2510	0.0917	0.1720	-
	Sham	THS2.2	14.70	1.75	27.65	0.6934	0.0284	0.0303	*
	3R4F	THS2.2	27.90	11.38	44.42	0.7562	0.0024	0.0006	**
3M	Sham	3R4F	-20.65	-77.94	36.64	0.0001	0.4469	0.0016	++
	Sham	THS2.2	22.05	-33.58	77.68	0.0019	0.3970	0.8962	(-)
	Sham	cess	23.85	-31.86	79.56	0.0003	0.3622	0.4026	(-)
	Sham	switch	20.00	-35.46	75.46	0.0030	0.4382	1.0000	(-)
	3R4F	THS2.2	42.70	19.08	66.32	0.0078	0.0017	0.0001	+++
	3R4F	cess	44.50	20.61	68.39	0.0017	0.0013	0.0005	+++
	3R4F	switch	40.65	17.62	63.68	0.0103	0.0023	<.0001	+++
	cess	switch	-3.85	-18.21	10.51	0.1642	0.5789	0.5252	-
6M	Sham	3R4F	-29.84	-49.34	-10.34	0.4700	0.0049	0.0059	**
	Sham	THS2.2	-2.89	-20.39	14.61	0.2492	0.7316	0.8620	-
	Sham	cess	-45.94	-158.0	66.12	0.0225	0.3793	0.9062	(-)
	Sham	switch	7.16	-8.81	23.13	0.0309	0.3542	0.2641	(-)
	3R4F	THS2.2	26.95	8.05	45.85	0.0266	0.0079	0.0048	++
	3R4F	cess	-16.10	-128.3	96.07	0.0005	0.7539	0.0252	+
	3R4F	switch	37.00	19.45	54.55	0.5167	0.0004	<.0001	***
	cess	switch	53.10	-58.80	165.00	0.0321	0.3117	0.2588	(-)
8M	Sham	3R4F	-52.55	-69.53	-35.57	0.9848	<.0001	<.0001	***
	Sham	THS2.2	-8.65	-20.52	3.22	0.4110	0.1406	0.1992	-
	Sham	cess	-11.10	-22.22	0.02	0.2341	0.0504	0.0544	-
	Sham	switch	-23.15	-68.16	21.86	0.1158	0.2760	0.4907	-
	3R4F	THS2.2	43.90	25.39	62.41	0.5402	0.0001	<.0001	***
	3R4F	cess	41.45	23.30	59.60	0.4883	0.0002	0.0001	***
	3R4F	switch	29.40	-16.87	75.67	0.0055	0.1903	0.0027	++
	cess	switch	-12.05	-57.37	33.27	0.0458	0.5663	0.3981	(-)

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*


Intercellular Adhesion Molecule 1 (ICAM-1) (ng/mL)
Serum-Custom ELISA
Sample size
Individual Values
Mean +/- SEM
Median and Q1/Q3
1M
2M
3M
6M
8M
Sham
3R4F
THS2.2
cess
switch


Intercellular Adhesion Molecule 1 (ICAM-1) (ng/mL)
Serum-Custom ELISA
Mean +/- SEM
Exposure duration
1M
2M
3M
6M
8M

Intercellular Adhesion Molecule 1 (ICAM-1) (ng/mL)
Serum-Custom ELISA

Exp Dur	Treat	N	LOQ	N< LOQ	MIN	Q1	MED	Q3	MAX	MEAN	STD	SEM	CV%	vs. Sham	vs. 3R4F	vs. cess
1M	Sham	10	64.00	0	606.50	614.00	624.75	684.50	753.50	650.30	52.15	16.49	8.02			
	3R4F	10	64.00	0	555.00	630.00	673.50	689.00	775.50	666.50	66.45	21.01	9.97	-		
	THS2.2	10	64.00	0	602.50	648.00	692.50	770.00	1035.0	728.90	127.96	40.46	17.55	(-)	-	
2M	Sham	10	64.00	0	496.50	547.50	562.50	587.50	764.00	584.70	74.06	23.42	12.67			
	3R4F	10	64.00	0	499.00	538.00	572.75	614.50	625.50	570.85	43.08	13.62	7.55	-		
	THS2.2	10	64.00	0	484.50	540.00	565.75	599.50	1330.0	634.40	247.49	78.26	39.01	(-)	(-)	
3M	Sham	10	64.00	0	518.50	582.00	634.75	655.50	767.50	630.50	69.17	21.87	10.97			
	3R4F	10	64.00	0	499.50	576.00	603.00	636.50	644.00	599.80	43.71	13.82	7.29	-		
	THS2.2	10	64.00	0	559.50	609.50	641.50	660.00	757.00	640.70	53.97	17.07	8.42	-	-	
	cess	10	64.00	0	536.50	591.50	623.75	706.50	723.00	636.55	66.31	20.97	10.42	-	-	
	switch	10	64.00	0	563.50	587.00	634.75	687.50	792.00	644.75	75.18	23.77	11.66	-	-	-
6M	Sham	9	64.00	0	565.00	622.50	667.00	728.00	800.00	678.61	71.52	23.84	10.54			
	3R4F	9	64.00	0	529.50	549.00	657.50	698.50	712.00	634.78	75.79	25.26	11.94	-		
	THS2.2	10	64.00	0	590.50	654.50	683.00	783.00	897.00	709.45	93.18	29.47	13.13	-	-	
	cess	10	64.00	0	509.50	530.00	574.25	690.50	1085.0	644.30	179.08	56.63	27.79	-	-	
	switch	10	64.00	0	504.00	655.00	724.75	761.00	780.50	698.45	83.22	26.32	11.92	-	(-)	-
8M	Sham	10	64.00	0	487.00	598.00	619.50	646.00	706.00	614.35	63.76	20.16	10.38			
	3R4F	10	64.00	0	440.00	620.50	644.50	655.00	708.00	628.35	73.56	23.26	11.71	(-)		
	THS2.2	10	64.00	0	445.50	518.00	553.00	710.50	781.50	592.30	109.38	34.59	18.47	-	-	
	cess	10	64.00	0	499.00	611.00	669.00	704.50	714.00	642.65	80.20	25.36	12.48	-	(-)	
	switch	10	64.00	0	455.50	525.50	588.00	662.00	887.00	617.45	128.79	40.73	20.86	-	-	-

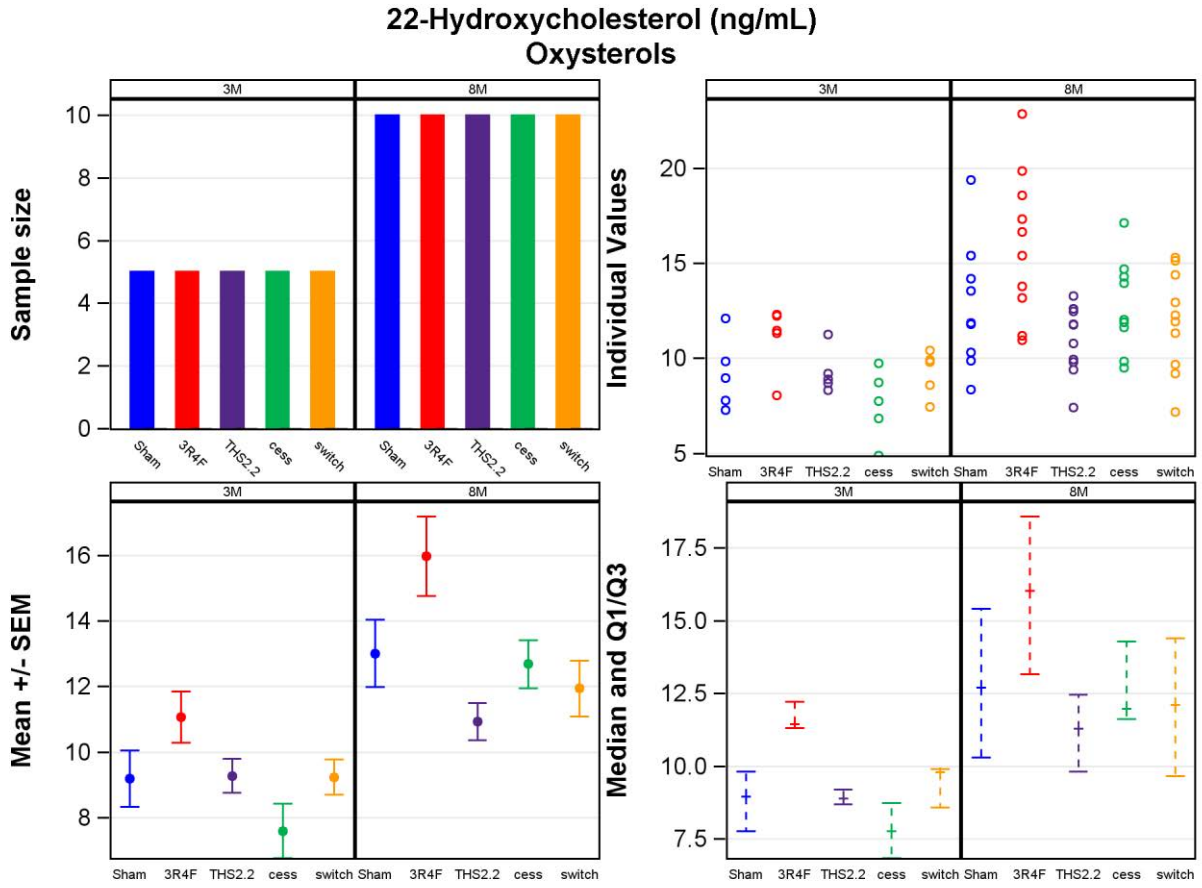
Comparisons performed by t-test accounting for variance heterogeneity or by Wilcoxon exact MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

Intercellular Adhesion Molecule 1 (ICAM-1) (ng/mL)
Serum-Custom ELISA

Exp Dur	Treat 1	Treat 2	Treat 1 - Treat 2	95% CL	95% UCL	Shapiro-Wilk	T-test Unequal Variances	Wilcoxon Exact MC	Significance
1M	Sham	3R4F	-16.20	-72.55	40.15	0.5974	0.5522	0.4424	-
	Sham	THS2.2	-78.60	-173.9	16.68	0.0033	0.0974	0.0668	(-)
	3R4F	THS2.2	-62.40	-160.5	35.71	0.6189	0.1934	0.4377	-
2M	Sham	3R4F	13.85	-44.09	71.79	0.5634	0.6169	0.9118	-
	Sham	THS2.2	-49.70	-230.3	130.94	0.0001	0.5558	0.9863	(-)
	3R4F	THS2.2	-63.55	-241.7	114.61	0.0341	0.4432	0.8579	(-)
3M	Sham	3R4F	30.70	-24.39	85.79	0.7556	0.2537	0.2739	-
	Sham	THS2.2	-10.20	-68.74	48.34	0.3559	0.7177	0.7408	-
	Sham	cess	-6.05	-69.72	57.62	0.9137	0.8440	0.8484	-
	Sham	switch	-14.25	-82.16	53.66	0.3992	0.6644	1.0000	-
	3R4F	THS2.2	-40.90	-87.18	5.38	0.7851	0.0797	0.0721	-
	3R4F	cess	-36.75	-90.11	16.61	0.3582	0.1633	0.4407	-
	3R4F	switch	-44.95	-103.8	13.86	0.9223	0.1237	0.3057	-
	cess	switch	-8.20	-74.87	58.47	0.2728	0.7989	0.8581	-
6M	Sham	3R4F	43.83	-29.83	117.49	0.3384	0.2251	0.2262	-
	Sham	THS2.2	-30.84	-110.9	49.27	0.7454	0.4274	0.7137	-
	Sham	cess	34.31	-99.50	168.13	0.1112	0.5868	0.1103	-
	Sham	switch	-19.84	-94.77	55.09	0.5000	0.5837	0.4503	-
	3R4F	THS2.2	-74.67	-156.6	7.27	0.2775	0.0714	0.2054	-
	3R4F	cess	-9.52	-144.2	125.12	0.2164	0.8804	0.4055	-
	3R4F	switch	-63.67	-140.6	13.30	0.0300	0.0990	0.0796	(-)
	cess	switch	-54.15	-189.4	81.07	0.1939	0.4019	0.1672	-
8M	Sham	3R4F	-14.00	-78.77	50.77	0.0270	0.6548	0.2790	(-)
	Sham	THS2.2	22.05	-63.55	107.65	0.9204	0.5902	0.5332	-
	Sham	cess	-28.30	-96.62	40.02	0.0768	0.3945	0.1918	-
	Sham	switch	-3.10	-101.2	94.95	0.9858	0.9466	0.7406	-
	3R4F	THS2.2	36.05	-52.42	124.52	0.5161	0.4001	0.3979	-
	3R4F	cess	-14.30	-86.64	58.04	0.0027	0.6827	0.3570	(-)
	3R4F	switch	10.90	-89.49	111.29	0.4384	0.8195	0.4396	-
	cess	switch	25.20	-77.02	127.42	0.9093	0.6071	0.3493	-

P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

7-Ketocholesterol (ratio to TC)
Oxysterols



P-values obtained by Shapiro-Wilk, t-test accounting for variance heterogeneity or by exact Wilcoxon MC
****/+++ = p-value < 0.001; **/++ = p-value < 0.01; */+ = p-value < 0.05; -/(-) = p-value >= 0.05*

MYRIAD RBM™

Test Profile	RodentMAP® v3.0
RBM Order	115602
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 1
Study	15015
Investigator	Blaine Phillips
Date Received	10-Oct-2013

Author	MC
Date	28-Oct-13
Reviewer	NI
Date	31-Oct-13

Samples	30	Mouse	BALF - bronchoalveolar lavage fluid	

		Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Factor VII	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)
	Analytes																							
	Units	ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ng/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL
	Myriad RBM LDD	0.046	0.0038	1.3	74	0.63	1.1	3.6	1.2	0.18	1.2	0.0016	0.74	0.38	0.0012	2.4	0.36	0.83	11	0.94	5.7	0.26	12	0.54
	Myriad RBM LLOQ	0.41	0.011	2.5	86	1.1	4.4	5.3	2.5	0.62	1.5	0.0049	1.3	0.31	0.0057	2.4	0.37	1.3	9.2	2.6	18	0.48	13	1.5
	Samples																							
1	**920186**	QNS	<0.011	QNS	QNS	<1.1	<4.4	<5.3	4.5	0.65	2.7	0.13	1.4	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.7	<18	0.69	<13	<1.5
2	**920438**	QNS	<0.011	QNS	QNS	1.7	<4.4	<5.3	2.7	0.65	<1.5	0.18	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	2.9	20	<0.48	<13	<1.5
3	**920051**	QNS	0.017	QNS	QNS	7.3	13	12	4.5	0.95	4.1	0.92	8.0	QNS	0.031	QNS	QNS	QNS	13	11	199	1.5	<13	<1.5
4	**920117**	QNS	<0.011	QNS	QNS	2.5	8.2	<5.3	<2.5	1.1	<1.5	0.37	7.5	QNS	0.035	QNS	QNS	QNS	<9.2	7.0	96	0.90	<13	<1.5
5	**920067**	QNS	<0.011	QNS	QNS	1.7	<4.4	<5.3	7.8	<0.62	<1.5	0.41	2.2	QNS	<0.0057	QNS	QNS	QNS	10	4.6	25	0.58	<13	<1.5
6	**920181**	QNS	0.029	QNS	QNS	5.7	14	<5.3	5.0	2.7	3.7	0.67	6.9	QNS	0.063	QNS	QNS	QNS	13	26	222	1.1	<13	<1.5
7	**920430**	QNS	0.012	QNS	QNS	2.5	<4.4	<5.3	4.0	0.65	1.6	0.16	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	2.9	29	<0.48	<13	<1.5
8	**920522**	QNS	<0.011	QNS	QNS	2.5	<4.4	<5.3	<2.5	<0.62	<1.5	0.20	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.3	<18	<0.48	<13	<1.5
9	**920289**	QNS	<0.011	QNS	QNS	3.0	<4.4	<5.3	<2.5	<0.62	<1.5	0.14	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.7	25	<0.48	<13	<1.5
10	**920030**	QNS	0.026	QNS	QNS	8.0	17	11	5.3	1.4	4.6	0.76	8.7	QNS	0.098	QNS	QNS	QNS	10	17	237	1.3	<13	<1.5
11	**920222**	QNS	0.013	QNS	QNS	2.5	<4.4	<5.3	4.6	0.85	<1.5	0.16	1.4	QNS	<0.0057	QNS	QNS	QNS	10	3.7	20	<0.48	<13	<1.5
12	**920609**	QNS	0.012	QNS	QNS	3.2	11	<5.3	<2.5	1.8	<1.5	0.52	4.7	QNS	0.034	QNS	QNS	QNS	10	16	226	0.90	<13	<1.5
13	**920255**	QNS	0.014	QNS	QNS	5.0	9.6	<5.3	<2.5	1.4	2.7	0.28	3.7	QNS	0.018	QNS	QNS	QNS	10	15	175	1.1	<13	<1.5
14	**920526**	QNS	0.016	QNS	QNS	6.8	11	5.4	5.1	1.9	2.7	0.44	6.4	QNS	0.031	QNS	QNS	QNS	15	33	226	1.1	<13	<1.5
15	**920418**	QNS	<0.011	QNS	QNS	1.5	<4.4	<5.3	3.3	<0.62	<1.5	0.13	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.3	<18	<0.48	<13	<1.5
16	**920737**	QNS	<0.011	QNS	QNS	3.5	<4.4	<5.3	3.0	<0.62	<1.5	0.17	<1.3	QNS	<0.0057	QNS	QNS	QNS	13	3.1	29	<0.48	<13	<1.5
17	**920371**	QNS	<0.011	QNS	QNS	<1.1	<4.4	<5.3	<2.5	QNS	<1.5	0.10	QNS	QNS	QNS	QNS	QNS	QNS	QNS	QNS	QNS	<0.48	QNS	QNS
18	**920457**	QNS	0.011	QNS	QNS	3.3	<4.4	<5.3	3.3	QNS	<1.5	0.10	QNS	QNS	QNS	QNS	QNS	QNS	QNS	QNS	QNS	<0.48	QNS	QNS
19	**920483**	QNS	<0.011	QNS	QNS	4.5	8.2	<5.3	4.3	0.65	<1.5	0.098	1.6	QNS	0.0065	QNS	QNS	QNS	13	5.2	71	0.69	<13	<1.5
20	**920602**	QNS	0.011	QNS	QNS	7.3	13	5.4	3.5	1.5	3.7	0.31	5.7	QNS	0.024	QNS	QNS	QNS	14	13	163	1.2	<13	<1.5
21	**920705**	QNS	<0.011	QNS	QNS	4.0	<4.4	<5.3	2.8	<0.62	<1.5	0.10	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	2.9	<18	<0.48	<13	<1.5
22	**921067**	QNS	0.015	QNS	QNS	3.0	<4.4	<5.3	4.4	<0.62	<1.5	0.12	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.3	25	0.58	<13	<1.5
23	**920670**	QNS	0.012	QNS	QNS	1.7	<4.4	<5.3	3.4	<0.62	<1.5	0.15	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	<2.6	<18	<0.48	<13	<1.5
24	**921088**	QNS	<0.011	QNS	QNS	1.6	<4.4	<5.3	<2.5	<0.62	<1.5	0.18	<1.3	QNS	<0.0057	QNS	QNS	QNS	13	<2.6	20	<0.48	<13	<1.5
25	**920517**	QNS	<0.011	QNS	QNS	2.7	<4.4	<5.3	3.0	<0.62	<1.5	0.080	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.3	20	0.58	<13	<1.5
26	**920624**	QNS	<0.011	QNS	QNS	1.5	<4.4	<5.3	3.7	<0.62	1.6	0.095	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	2.7	34	<0.48	<13	<1.5
27	**920769**	QNS	0.011	QNS	QNS	3.0	<4.4	<5.3	7.7	<0.62	1.6	0.33	<1.3	QNS	<0.0057	QNS	QNS	QNS	13	4.8	<18	0.58	<13	<1.5
28	**920774**	QNS	<0.011	QNS	QNS	5.1	9.6	<5.3	4.1	<0.62	1.6	0.091	2.3	QNS	<0.0057	QNS	QNS	QNS	13	5.5	76	1.1	<13	<1.5
29	**920469**	QNS	<0.011	QNS	QNS	5.0	<4.4	<5.3	3.2	<0.62	<1.5	0.082	<1.3	QNS	<0.0057	QNS	QNS	QNS	10	3.5	36	<0.48	<13	<1.5
30	**920364**	QNS	0.011	QNS	QNS	3.0	<4.4	<5.3	3.4	<0.62	<1.5	0.11	<1.3	QNS	<0.0057	QNS	QNS	QNS	<9.2	3.3	20	<0.48	<13	<1.5

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

QNS-Quantity Not Sufficient for testing.

MYRIAD RBM™

		Interleukin-4 (IL-4)	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)
	Analytes																							
	Units	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	12	0.033	0.49	0.017	41	6.0	0.0051	0.00078	1.1	0.0052	38	5.3	0.0044	3.1	0.48	7.9	0.0045	0.88	0.049	0.099	0.36	0.93	0.28
	Myriad RBM LLOQ	10	0.11	0.87	0.037	52	13	0.035	0.0025	1.9	0.011	63	5.2	0.0077	9.2	0.60	23	0.0067	1.6	0.10	0.14	2.1	1.1	0.45
	Samples																							
1	**920186**	<10	<0.11	<0.87	<0.037	<52	16	<0.035	<0.0025	<1.9	QNS	71	8.9	0.14	37	<0.60	<23	0.20	3.3	0.11	0.30	<2.1	1.5	<0.45
2	**920438**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	<5.2	0.076	55	<0.60	27	0.14	2.0	0.12	0.27	<2.1	1.3	<0.45
3	**920051**	<10	0.13	3.0	<0.037	<52	20	<0.035	<0.0025	5.0	QNS	363	13	0.68	1330	1.8	586	6.3	19	1.2	24	95	55	2.0
4	**920117**	<10	<0.11	1.8	<0.037	66	22	<0.035	<0.0025	2.4	QNS	130	7.8	0.31	275	1.1	181	1.8	15	0.36	5.1	64	30	0.69
5	**920067**	12	<0.11	<0.87	<0.037	<52	19	<0.035	<0.0025	<1.9	QNS	100	8.9	0.16	124	<0.60	38	0.40	3.9	0.27	1.0	<2.1	2.3	<0.45
6	**920181**	<10	<0.11	4.3	0.064	82	24	<0.035	0.0030	4.6	QNS	265	22	0.55	619	1.9	778	5.6	26	0.76	17	469	178	4.1
7	**920430**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	78	<5.2	0.15	74	<0.60	25	0.19	3.4	0.19	0.27	<2.1	2.3	0.52
8	**920522**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	5.6	0.10	74	<0.60	27	0.23	2.9	0.16	0.34	<2.1	2.3	<0.45
9	**920289**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	6.2	0.14	71	<0.60	<23	0.31	3.4	0.21	0.37	<2.1	1.5	<0.45
10	**920030**	<10	<0.11	3.0	0.049	72	19	<0.035	<0.0025	4.6	QNS	310	19	0.63	963	2.3	757	7.1	29	1.1	22	207	104	2.9
11	**920222**	<10	<0.11	<0.87	<0.037	<52	14	<0.035	0.0030	<1.9	QNS	<63	8.9	0.12	57	<0.60	<23	0.22	2.5	0.15	0.30	<2.1	2.2	<0.45
12	**920609**	12	<0.11	2.7	<0.037	56	22	0.037	<0.0025	4.2	QNS	175	16	0.52	256	1.8	520	4.4	15	0.37	17	201	96	2.5
13	**920255**	13	<0.11	1.6	0.039	72	18	<0.035	0.0030	4.0	QNS	197	19	0.44	588	1.6	453	5.0	16	0.70	14	156	89	2.6
14	**920526**	<10	0.13	2.3	0.056	<52	23	<0.035	<0.0025	4.4	QNS	265	22	0.53	1150	1.9	857	6.3	18	0.94	17	328	157	4.9
15	**920418**	<10	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	QNS	<63	5.6	0.097	43	<0.60	<23	0.24	2.6	<0.10	0.47	<2.1	1.9	<0.45
16	**920737**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	0.0030	<1.9	QNS	<63	10	0.10	61	0.65	<23	0.20	3.4	0.18	0.37	<2.1	2.0	<0.45
17	**920371**	QNS	<0.11	QNS	QNS	QNS	QNS	QNS	QNS	<1.9	QNS	<63	QNS	0.097	17	<0.60	QNS	0.18	QNS	<0.10	0.27	QNS	QNS	QNS
18	**920457**	QNS	<0.11	QNS	QNS	QNS	QNS	QNS	QNS	<1.9	QNS	<63	QNS	0.092	62	<0.60	QNS	0.22	QNS	0.12	0.24	QNS	QNS	QNS
19	**920483**	<10	<0.11	<0.87	<0.037	<52	16	<0.035	0.0027	2.1	QNS	85	7.2	0.20	232	0.95	115	1.3	7.0	0.27	3.2	33	22	0.85
20	**920602**	12	<0.11	1.3	<0.037	<52	20	<0.035	0.0030	4.4	QNS	205	16	0.50	516	1.5	286	3.0	18	0.59	6.4	141	69	1.8
21	**920705**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	7.8	0.098	41	<0.60	<23	0.14	2.6	<0.10	0.30	<2.1	2.7	0.52
22	**921067**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	<5.2	0.11	69	<0.60	<23	0.26	2.6	0.12	0.25	<2.1	2.3	<0.45
23	**920670**	<10	<0.11	<0.87	<0.037	<52	16	<0.035	<0.0025	<1.9	QNS	<63	7.2	0.10	55	<0.60	<23	0.16	2.0	<0.10	0.34	<2.1	2.0	<0.45
24	**921088**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	5.6	0.070	41	<0.60	<23	0.19	2.9	0.12	0.30	<2.1	1.8	<0.45
25	**920517**	<10	<0.11	<0.87	<0.037	66	14	<0.035	<0.0025	<1.9	QNS	<63	6.7	0.10	51	0.65	<23	0.30	2.9	0.12	0.37	<2.1	2.2	0.61
26	**920624**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	6.7	0.12	98	<0.60	<23	0.41	8.0	0.15	0.30	<2.1	1.4	<0.45
27	**920769**	<10	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	QNS	85	<5.2	0.12	247	0.80	25	1.1	3.6	0.27	1.3	<2.1	2.1	<0.45
28	**920774**	<10	<0.11	<0.87	<0.037	<52	18	<0.035	0.0043	2.7	QNS	115	11	0.25	282	0.95	67	1.5	8.0	0.30	1.7	17	10	0.85
29	**920469**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	5.6	0.11	65	<0.60	<23	0.28	2.9	0.12	0.63	<2.1	2.3	0.65
30	**920364**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	QNS	<63	8.3	0.11	53	<0.60	<23	0.23	2.9	0.12	0.30	<2.1	2.2	<0.45

MYRIAD RBM™

		Myeloperoxidase (MPO)	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
Analytes															
Units		ng/mL	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
Myriad RBM LDD		0.096	0.057	0.026	0.0030	0.0026	0.032	24	0.0037	3.8	0.0036	0.0071	0.033	6.8	0.27
Myriad RBM LLOQ		0.13	0.060	0.034	0.0068	0.0077	0.045	51	0.0036	4.3	0.019	0.0059	0.054	61	0.45
	Samples														
1	**920186**	QNS	0.85	<0.034	QNS	QNS	0.046	66	<0.0036	<4.3	0.024	0.014	1.5	414	1.3
2	**920438**	QNS	7.4	<0.034	QNS	QNS	0.054	<51	<0.0036	<4.3	0.019	0.0095	0.86	300	0.92
3	**920051**	229	0.79	0.037	QNS	QNS	0.090	88	<0.0036	14	0.11	0.023	6.6	1080	5.1
4	**920117**	QNS	2.2	0.046	QNS	QNS	<0.045	80	<0.0036	5.6	0.060	0.014	1.8	788	1.9
5	**920067**	QNS	1.0	<0.034	QNS	QNS	0.13	<51	<0.0036	4.4	0.028	0.013	2.7	418	1.9
6	**920181**	235	2.8	0.11	QNS	QNS	0.16	237	0.0051	13	0.13	0.036	6.0	1350	3.7
7	**920430**	QNS	4.1	<0.034	QNS	QNS	0.076	<51	<0.0036	5.0	0.026	0.014	1.5	392	1.1
8	**920522**	QNS	3.8	<0.034	QNS	QNS	0.052	<51	<0.0036	<4.3	0.035	0.012	1.5	282	1.3
9	**920289**	QNS	12	<0.034	QNS	QNS	0.054	52	<0.0036	<4.3	0.028	0.0072	1.7	304	1.3
10	**920030**	252	2.9	0.069	QNS	QNS	0.16	146	<0.0036	14	0.15	0.019	5.5	1470	4.2
11	**920222**	QNS	3.4	<0.034	QNS	QNS	0.10	<51	<0.0036	<4.3	0.027	0.012	1.3	331	1.2
12	**920609**	237	1.9	0.075	QNS	QNS	0.075	162	<0.0036	11	0.097	0.019	5.5	1090	3.6
13	**920255**	199	5.9	0.060	QNS	QNS	0.059	126	<0.0036	11	0.097	0.023	4.9	1010	2.7
14	**920526**	230	1.6	0.091	QNS	QNS	0.096	246	0.0066	13	0.11	0.026	5.8	1340	3.4
15	**920418**	QNS	2.3	<0.034	QNS	QNS	0.048	59	<0.0036	<4.3	0.031	0.012	1.3	318	1.1
16	**920737**	QNS	3.4	<0.034	QNS	QNS	0.049	59	<0.0036	4.4	0.029	0.0084	1.7	405	1.3
17	**920371**	QNS	1.4	QNS	QNS	QNS	<0.045	QNS	QNS	4.4	QNS	QNS	1.3	QNS	1.1
18	**920457**	QNS	15	QNS	QNS	QNS	0.063	QNS	QNS	<4.3	QNS	QNS	1.1	QNS	1.1
19	**920483**	QNS	6.0	<0.034	QNS	QNS	0.062	52	<0.0036	6.7	0.053	0.013	2.3	445	1.3
20	**920602**	QNS	9.9	0.055	QNS	QNS	0.067	118	0.0056	12	0.099	0.017	3.5	882	2.6
21	**920705**	QNS	1.1	<0.034	QNS	QNS	0.048	<51	<0.0036	<4.3	<0.019	0.0072	2.1	340	1.1
22	**921067**	QNS	3.9	<0.034	QNS	QNS	0.10	52	<0.0036	<4.3	0.026	0.014	1.3	370	1.1
23	**920670**	QNS	3.6	<0.034	QNS	QNS	0.065	<51	<0.0036	<4.3	0.023	0.0072	1.3	313	0.98
24	**921088**	QNS	2.2	<0.034	QNS	QNS	<0.045	<51	<0.0036	<4.3	0.020	0.012	0.96	265	0.92
25	**920517**	QNS	5.1	<0.034	QNS	QNS	0.068	52	<0.0036	<4.3	0.035	0.0072	1.4	318	0.92
26	**920624**	QNS	1.6	<0.034	QNS	QNS	0.058	<51	<0.0036	<4.3	0.020	0.0072	1.2	388	1.1
27	**920769**	QNS	5.9	<0.034	QNS	QNS	0.13	<51	<0.0036	6.7	0.042	0.012	1.8	291	1.8
28	**920774**	QNS	9.8	<0.034	QNS	QNS	0.068	84	<0.0036	7.8	0.038	0.0095	2.0	475	1.3
29	**920469**	QNS	6.8	<0.034	QNS	QNS	0.12	59	<0.0036	<4.3	0.028	0.012	1.7	309	1.1
30	**920364**	QNS	2.3	<0.034	QNS	QNS	0.062	<51	<0.0036	<4.3	0.031	<0.0059	1.2	318	0.92

MYRIAD RBM™

Test Profile	Custom Rodent Map
RBM Order	115942
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 1
Study	15015
Investigator	Blaine Phillips
Date Received	12-Dec-2013

Author	MC
Date	16-Jan-14
Reviewer	NI
Date	17-Jan-14

Samples	30	Mouse	BALF - bronchoalveolar lavage fluid

		Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Factor VII	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)
Analytes																								
Units		ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ng/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL
Myriad RBM LDD		0.046	0.0038	1.3	74	0.63	1.1	3.6	1.2	1.0	1.2	0.0016	0.80	0.38	0.014	2.4	0.36	0.83	7.7	6.3	22	0.26	8.9	0.81
Myriad RBM LLOQ		0.41	0.011	2.5	86	1.1	4.4	5.3	2.5	0.91	1.5	0.0049	1.1	0.31	0.013	2.4	0.37	1.3	38	18	9.9	0.48	19	0.60
	Samples																							
1	**920186**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	1.1	NR	2.6	<0.37	4.6	NR	NR	NR	NR	NR	NR
2	**920438**	QNS	NR	<2.5	132	NR	NR	NR	NR	NR	NR	NR	NR	1.1	NR	QNS	QNS	5.3	NR	NR	NR	NR	NR	NR
3	**920051**	<0.41	NR	4.0	7990	NR	NR	NR	NR	NR	NR	NR	NR	1.2	NR	2.8	4.2	5.0	NR	NR	NR	NR	NR	NR
4	**920117**	<0.41	NR	<2.5	1990	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	2.7	<0.37	4.0	NR	NR	NR	NR	NR	NR
5	**920067**	<0.41	NR	<2.5	191	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.9	0.50	5.0	NR	NR	NR	NR	NR	NR
6	**920181**	<0.41	NR	3.4	7650	NR	NR	NR	NR	NR	NR	NR	NR	0.90	NR	2.8	0.58	3.8	NR	NR	NR	NR	NR	NR
7	**920430**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	1.0	NR	2.8	0.52	4.6	NR	NR	NR	NR	NR	NR
8	**920522**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	1.0	NR	2.6	<0.37	4.0	NR	NR	NR	NR	NR	NR
9	**920289**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	2.7	<0.37	4.5	NR	NR	NR	NR	NR	NR
10	**920030**	<0.41	NR	4.8	9120	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	2.7	1.2	4.5	NR	NR	NR	NR	NR	NR
11	**920222**	QNS	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	QNS	QNS	4.6	NR	NR	NR	NR	NR	NR
12	**920609**	QNS	NR	4.6	8270	NR	NR	NR	NR	NR	NR	NR	NR	0.79	NR	QNS	QNS	3.5	NR	NR	NR	NR	NR	NR
13	**920255**	<0.41	NR	3.6	6120	NR	NR	NR	NR	NR	NR	NR	NR	1.1	NR	2.7	0.81	4.5	NR	NR	NR	NR	NR	NR
14	**920526**	<0.41	NR	5.5	7990	NR	NR	NR	NR	NR	NR	NR	NR	1.1	NR	2.8	1.3	4.5	NR	NR	NR	NR	NR	NR
15	**920418**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.7	0.62	4.3	NR	NR	NR	NR	NR	NR
16	**920737**	<0.41	NR	<2.5	132	NR	NR	NR	NR	NR	NR	NR	NR	0.68	NR	2.8	<0.37	1.4	NR	NR	NR	NR	NR	NR
17	**920371**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	<0.91	NR	NR	<1.1	1.0	<0.013	2.8	<0.37	3.8	<38	<18	23	NR	<19	<0.60
18	**920457**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	<0.91	NR	NR	<1.1	1.0	<0.013	2.7	<0.37	4.5	<38	<18	29	NR	<19	<0.60
19	**920483**	QNS	NR	<2.5	783	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	QNS	QNS	3.8	NR	NR	NR	NR	NR	NR
20	**920602**	<0.41	NR	3.4	1770	NR	NR	NR	NR	NR	NR	NR	NR	1.0	NR	2.6	0.64	2.7	NR	NR	NR	NR	NR	NR
21	**920705**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.8	<0.37	4.1	NR	NR	NR	NR	NR	NR
22	**921067**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	2.7	<0.37	4.7	NR	NR	NR	NR	NR	NR
23	**920670**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.8	0.50	4.1	NR	NR	NR	NR	NR	NR
24	**921088**	QNS	NR	QNS	QNS	NR	NR	NR	NR	NR	NR	NR	NR	QNS	NR	QNS	QNS	QNS	NR	NR	NR	NR	NR	NR
25	**920517**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.99	NR	2.7	<0.37	4.0	NR	NR	NR	NR	NR	NR
26	**920624**	QNS	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	QNS	QNS	4.5	NR	NR	NR	NR	NR	NR
27	**920769**	<0.41	NR	<2.5	191	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.9	2.1	3.6	NR	NR	NR	NR	NR	NR
28	**920774**	<0.41	NR	<2.5	393	NR	NR	NR	NR	NR	NR	NR	NR	0.95	NR	2.7	<0.37	2.7	NR	NR	NR	NR	NR	NR
29	**920469**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.77	NR	2.5	<0.37	2.7	NR	NR	NR	NR	NR	NR
30	**920364**	<0.41	NR	<2.5	<86	NR	NR	NR	NR	NR	NR	NR	NR	0.85	NR	2.7	<0.37	2.9	NR	NR	NR	NR	NR	NR

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

QNS-Quantity Not Sufficient for testing.

NR-Not Reported. Data has already been reported in Myriad RBM Order 115602.

* Result: Sample [920371] Analyte [Interleukin-7]: NR-Not Reported. Unable to report data meeting quality standards.

* Result: Sample [920457] Analyte [Interleukin-7]: NR-Not Reported. Unable to report data meeting quality standards.

MYRIAD RBM™

	Analytes	Interleukin-4 (IL-4)	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)
	Units	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	16	0.033	0.58	0.068	42	13	0.029	0.0042	1.1	0.0052	38	5.5	0.0044	3.1	0.48	54	0.0045	2.4	0.049	0.099	2.4	1.3	0.26
	Myriad RBM LLOQ	45	0.11	1.3	0.090	36	30	0.037	0.0029	1.9	0.011	63	8.1	0.0077	9.2	0.60	56	0.0067	1.8	0.10	0.14	2.1	1.2	0.73
	Samples																							
1	**920186**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.051	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2	**920438**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.047	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
3	**920051**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.056	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
4	**920117**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.030	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
5	**920067**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.039	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
6	**920181**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.042	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
7	**920430**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.047	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
8	**920522**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.034	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
9	**920289**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.034	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
10	**920030**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.053	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11	**920222**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.045	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
12	**920609**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.030	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
13	**920255**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.048	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
14	**920526**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.056	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
15	**920418**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.033	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
16	**920737**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.027	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
17	**920371**	<45	NR	<1.3	NR	<36	<30	<0.037	<0.0029	NR	0.037	NR	<8.1	NR	NR	NR	<56	NR	<1.8	NR	NR	<2.1	<1.2	<0.73
18	**920457**	<45	NR	<1.3	NR	<36	<30	<0.037	<0.0029	NR	0.038	NR	<8.1	NR	NR	NR	<56	NR	2.0	NR	NR	<2.1	2.7	<0.73
19	**920483**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.039	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
20	**920602**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.037	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21	**920705**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.032	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22	**921067**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.043	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
23	**920670**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.031	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24	**921088**	NR	NR	NR	NR	NR	NR	NR	NR	NR	QNS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
25	**920517**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.034	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
26	**920624**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.044	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
27	**920769**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.032	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
28	**920774**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.034	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
29	**920469**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.020	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
30	**920364**	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.022	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

MYRIAD RBM™

		Myeloperoxidase (MPO)	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
	Analytes														
	Units	ng/mL	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
	Myriad RBM LDD	0.096	0.057	0.050	0.0030	0.0026	0.032	79	0.0049	3.8	0.014	0.014	0.033	32	0.27
	Myriad RBM LLOQ	0.13	0.060	0.081	0.0068	0.0077	0.045	83	0.012	4.3	0.015	0.022	0.054	21	0.45
	Samples														
1	**920186**	0.35	NR	NR	0.25	0.025	NR	NR	NR	NR	NR	NR	NR	NR	NR
2	**920438**	0.39	NR	NR	0.12	0.029	NR	NR	NR	NR	NR	NR	NR	NR	NR
3	**920051**	NR	NR	NR	0.85	0.022	NR	NR	NR	NR	NR	NR	NR	NR	NR
4	**920117**	57	NR	NR	0.24	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
5	**920067**	5.8	NR	NR	0.21	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
6	**920181**	NR	NR	NR	0.43	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
7	**920430**	0.26	NR	NR	0.19	0.023	NR	NR	NR	NR	NR	NR	NR	NR	NR
8	**920522**	0.49	NR	NR	0.20	0.016	NR	NR	NR	NR	NR	NR	NR	NR	NR
9	**920289**	0.93	NR	NR	0.19	0.018	NR	NR	NR	NR	NR	NR	NR	NR	NR
10	**920030**	NR	NR	NR	0.53	0.020	NR	NR	NR	NR	NR	NR	NR	NR	NR
11	**920222**	0.83	NR	NR	0.18	0.016	NR	NR	NR	NR	NR	NR	NR	NR	NR
12	**920609**	NR	NR	NR	0.34	0.016	NR	NR	NR	NR	NR	NR	NR	NR	NR
13	**920255**	NR	NR	NR	0.41	0.016	NR	NR	NR	NR	NR	NR	NR	NR	NR
14	**920526**	NR	NR	NR	0.75	0.025	NR	NR	NR	NR	NR	NR	NR	NR	NR
15	**920418**	1.1	NR	NR	0.17	0.023	NR	NR	NR	NR	NR	NR	NR	NR	NR
16	**920737**	0.92	NR	NR	0.12	0.010	NR	NR	NR	NR	NR	NR	NR	NR	NR
17	**920371**	0.17	NR	<0.081	0.17	0.021	NR	<83	<0.012	NR	<0.015	<0.022	NR	325	NR
18	**920457**	0.39	NR	<0.081	0.13	0.021	NR	<83	<0.012	NR	0.027	<0.022	NR	365	NR
19	**920483**	30	NR	NR	0.21	0.018	NR	NR	NR	NR	NR	NR	NR	NR	NR
20	**920602**	53	NR	NR	0.47	0.012	NR	NR	NR	NR	NR	NR	NR	NR	NR
21	**920705**	0.39	NR	NR	0.15	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
22	**921067**	0.78	NR	NR	0.14	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
23	**920670**	0.51	NR	NR	0.17	0.018	NR	NR	NR	NR	NR	NR	NR	NR	NR
24	**921088**	QNS	NR	NR	QNS	QNS	NR	NR	NR	NR	NR	NR	NR	NR	NR
25	**920517**	0.54	NR	NR	0.16	0.017	NR	NR	NR	NR	NR	NR	NR	NR	NR
26	**920624**	0.62	NR	NR	0.27	0.021	NR	NR	NR	NR	NR	NR	NR	NR	NR
27	**920769**	8.4	NR	NR	0.28	0.016	NR	NR	NR	NR	NR	NR	NR	NR	NR
28	**920774**	20	NR	NR	0.41	0.012	NR	NR	NR	NR	NR	NR	NR	NR	NR
29	**920469**	1.7	NR	NR	0.097	0.0079	NR	NR	NR	NR	NR	NR	NR	NR	NR
30	**920364**	0.60	NR	NR	0.12	0.014	NR	NR	NR	NR	NR	NR	NR	NR	NR

MYRIAD RBM™

Test Profile	RodentMAP® v3.0
RBM Order	115765
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 1
Study	15015
Investigator	Blaine Phillips
Date Received	7-Nov-2013

Author	MC
Date	9-Dec-13
Reviewer	JC
Date	17-Dec-13

Samples	30	Mouse	BALF - bronchoalveolar lavage fluid

		Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Factor VII	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)
Analytes																								
Units		ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ng/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL
Myriad RBM LDD		0.046	0.0038	1.3	74	0.63	1.1	3.6	1.2	0.18	1.2	0.0011	0.74	0.38	0.0012	2.4	0.36	0.83	11	0.94	5.7	0.26	12	0.54
Myriad RBM LLOQ		0.41	0.011	2.5	86	1.1	4.4	5.3	2.5	0.62	1.5	0.0021	1.3	0.31	0.0057	2.4	0.37	1.3	9.2	2.6	18	0.48	13	1.5
	Samples																							
1	**920257**	<0.41	<0.011	<2.5	91	1.7	<4.4	<5.3	<2.5	<0.62	<1.5	0.13	<1.3	1.3	<0.0057	2.8	1.5	5.6	<9.2	<2.6	21	<0.48	<13	<1.5
2	**920314**	<0.41	0.020	<2.5	1020	4.7	19	9.9	5.0	0.81	4.0	0.58	13	1.2	0.048	2.8	2.8	5.2	11	5.3	94	1.2	<13	<1.5
3	**920680**	<0.41	0.020	4.5	6190	10	19	11	3.8	2.0	3.3	0.82	8.0	1.0	0.059	2.8	1.1	3.8	14	32	209	1.7	<13	<1.5
4	**920977**	<0.41	<0.011	<2.5	<86	<1.1	<4.4	<5.3	<2.5	0.71	<1.5	0.076	<1.3	0.97	<0.0057	2.7	0.45	4.2	<9.2	<2.6	<18	<0.48	<13	<1.5
5	**921065**	<0.41	0.011	<2.5	803	3.5	12	6.1	2.6	1.1	2.5	0.48	5.9	1.1	0.017	2.8	1.6	4.8	11	7.6	87	0.74	<13	<1.5
6	**920460**	<0.41	0.024	<2.5	203	2.5	6.8	<5.3	5.2	0.81	<1.5	0.26	5.9	1.4	0.019	2.8	0.85	5.0	<9.2	4.2	51	<0.48	<13	<1.5
7	**920462**	<0.41	<0.011	<2.5	91	<1.1	<4.4	<5.3	<2.5	0.71	1.8	0.18	<1.3	1.0	<0.0057	2.6	<0.37	3.9	11	<2.6	<18	<0.48	<13	<1.5
8	**921056**	<0.41	<0.011	<2.5	<86	1.5	<4.4	<5.3	4.0	<0.62	<1.5	0.14	<1.3	1.0	<0.0057	2.8	0.76	4.6	11	<2.6	21	<0.48	<13	<1.5
9	**920406**	<0.41	<0.011	<2.5	<86	<1.1	<4.4	<5.3	<2.5	<0.62	<1.5	0.18	<1.3	1.2	<0.0057	2.8	1.2	5.1	<9.2	<2.6	21	<0.48	<13	<1.5
10	**920035**	<0.41	0.040	3.7	2660	5.5	14	7.2	7.3	1.6	1.8	0.55	9.4	1.4	0.033	2.8	1.7	5.2	16	20	139	1.2	<13	<1.5
11	**920202**	<0.41	<0.011	<2.5	<86	1.8	<4.4	<5.3	<2.5	0.67	<1.5	0.23	<1.3	1.3	<0.0057	2.7	<0.37	4.4	<9.2	2.8	<18	<0.48	<13	<1.5
12	**920306**	<0.41	0.012	<2.5	6400	7.6	17	9.6	<2.5	1.5	2.5	0.57	5.6	0.95	0.011	2.8	8.0	3.5	16	15	241	1.2	<13	<1.5
13	**920654**	<0.41	0.012	<2.5	<86	3.4	<4.4	<5.3	3.0	<0.62	<1.5	0.24	<1.3	1.3	<0.0057	2.9	1.9	4.9	<9.2	6.7	26	<0.48	<13	<1.5
14	**920210**	<0.41	0.022	<2.5	<86	1.9	<4.4	<5.3	4.0	0.71	<1.5	0.20	<1.3	1.3	<0.0057	2.6	0.87	5.6	11	<2.6	<18	<0.48	<13	<1.5
15	**920619**	<0.41	<0.011	<2.5	<86	1.5	<4.4	<5.3	<2.5	<0.62	<1.5	0.17	<1.3	1.0	<0.0057	2.6	<0.37	3.9	<9.2	<2.6	<18	<0.48	<13	<1.5
16	**921064**	<0.41	<0.011	<2.5	<86	2.5	<4.4	<5.3	<2.5	<0.62	<1.5	0.14	<1.3	0.95	<0.0057	2.6	0.69	4.2	<9.2	<2.6	21	<0.48	<13	<1.5
17	**920226**	<0.41	<0.011	<2.5	<86	2.3	<4.4	<5.3	<2.5	<0.62	<1.5	0.11	<1.3	1.1	<0.0057	2.7	1.4	4.5	<9.2	<2.6	21	<0.48	<13	<1.5
18	**920323**	<0.41	0.067	5.0	6890	6.9	13	7.6	8.9	1.5	4.4	0.35	5.2	1.2	0.020	2.8	3.9	4.6	14	19	220	1.6	<13	<1.5
19	**920263**	<0.41	0.016	<2.5	1300	5.3	13	<5.3	2.7	1.1	2.5	0.26	6.0	0.99	0.031	2.7	1.0	3.6	<9.2	10	104	0.74	<13	<1.5
20	**920072**	<0.41	0.014	<2.5	<86	2.8	<4.4	<5.3	<2.5	<0.62	<1.5	0.080	<1.3	0.95	<0.0057	2.7	0.46	3.8	<9.2	<2.6	21	<0.48	<13	<1.5
21	**920398**	<0.41	<0.011	<2.5	<86	2.0	<4.4	<5.3	<2.5	<0.62	<1.5	0.12	<1.3	1.2	<0.0057	2.8	1.9	4.7	<9.2	<2.6	18	<0.48	<13	<1.5
22	**920411**	<0.41	0.019	<2.5	<86	1.7	<4.4	<5.3	3.4	<0.62	<1.5	0.095	<1.3	1.2	<0.0057	2.7	0.41	5.0	<9.2	<2.6	<18	<0.48	<13	<1.5
23	**920798**	<0.41	<0.011	<2.5	1590	3.2	11	<5.3	<2.5	1.0	2.5	0.17	3.2	1.0	0.017	2.8	1.6	3.5	11	7.4	92	0.97	<13	<1.5
24	**920171**	<0.41	0.018	<2.5	<86	1.8	<4.4	<5.3	5.1	<0.62	<1.5	0.12	<1.3	1.0	<0.0057	2.7	0.77	3.9	11	<2.6	26	<0.48	<13	<1.5
25	**920553**	<0.41	<0.011	<2.5	<86	1.8	<4.4	<5.3	<2.5	<0.62	<1.5	0.13	<1.3	1.0	<0.0057	2.8	1.3	4.3	<9.2	<2.6	<18	<0.48	<13	<1.5
26	**920509**	<0.41	0.028	<2.5	<86	2.3	<4.4	<5.3	6.8	0.71	<1.5	0.15	1.4	1.2	<0.0057	2.8	0.59	5.7	<9.2	2.8	34	<0.48	<13	<1.5
27	**920242**	<0.41	<0.011	<2.5	<86	1.8	<4.4	<5.3	<2.5	<0.62	<1.5	0.089	<1.3	1.2	<0.0057	2.7	<0.37	4.4	<9.2	<2.6	21	<0.48	<13	<1.5
28	**920256**	<0.41	0.017	<2.5	<86	1.5	<4.4	<5.3	3.0	<0.62	<1.5	0.097	<1.3	0.95	<0.0057	2.7	0.85	3.9	<9.2	3.2	<18	<0.48	<13	<1.5
29	**920850**	<0.41	0.022	4.5	5710	4.3	11	<5.3	3.0	1.5	1.8	0.29	3.9	1.1	0.031	2.9	6.1	4.7	14	21	182	1.2	<13	<1.5
30	**920725**	<0.41	0.025	<2.5	116	1.3	<4.4	<5.3	5.6	<0.62	<1.5	0.10	1.4	1.4	<0.0057	2.7	0.41	5.4	<9.2	<2.6	21	0.49	<13	<1.5

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

MYRIAD RBM™

		Interleukin-4 (IL-4)	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)
	Analytes																							
	Units	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	12	0.033	0.49	0.017	41	6.0	0.0051	0.00078	1.1	0.0052	38	5.3	0.0044	3.1	0.48	7.9	0.0041	0.88	0.049	0.041	0.36	0.93	0.28
	Myriad RBM LLOQ	10	0.11	0.87	0.037	52	13	0.035	0.0025	1.9	0.011	63	5.2	0.0077	9.2	0.60	23	0.0074	1.6	0.10	0.084	2.1	1.1	0.45
	Samples																							
1	**920257**	11	<0.11	<0.87	<0.037	<52	16	<0.035	<0.0025	<1.9	0.044	<63	8.3	0.091	46	<0.60	35	0.097	3.1	0.14	<0.084	<2.1	1.9	<0.45
2	**920314**	14	<0.11	2.0	0.041	<52	<13	0.036	<0.0025	4.1	0.048	295	8.8	0.50	536	1.9	241	2.6	24	0.98	3.4	44	25	0.84
3	**920680**	<10	<0.11	4.0	0.078	63	30	0.036	0.0029	5.5	0.041	397	24	0.92	794	2.2	867	6.0	27	1.3	22	471	204	6.8
4	**920977**	11	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	0.045	<63	<5.2	0.094	55	<0.60	28	0.090	2.8	0.10	<0.084	<2.1	1.7	<0.45
5	**921065**	<10	<0.11	1.5	<0.037	63	<13	<0.035	0.0036	3.5	0.038	204	13	0.43	457	1.5	163	2.4	12	0.79	4.1	49	28	0.92
6	**920460**	14	<0.11	1.6	<0.037	<52	15	0.036	<0.0025	2.2	0.054	108	8.3	0.31	209	0.84	100	0.99	13	0.44	1.4	20	11	0.50
7	**920462**	11	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	0.034	<63	5.6	0.12	44	<0.60	28	0.13	3.1	0.14	<0.084	<2.1	1.5	<0.45
8	**921056**	<10	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	0.041	<63	5.6	0.11	66	<0.60	<23	0.12	3.1	0.22	<0.084	<2.1	1.5	<0.45
9	**920406**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.040	<63	7.3	0.089	42	<0.60	<23	0.12	3.1	0.14	0.089	<2.1	1.7	<0.45
10	**920035**	11	<0.11	4.6	0.061	63	24	0.043	<0.0025	4.5	0.055	265	17	0.84	438	2.1	649	4.0	26	0.89	6.3	278	126	3.1
11	**920202**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.040	67	<5.2	0.10	72	<0.60	<23	0.19	3.4	0.20	<0.084	<2.1	2.5	0.50
12	**920306**	11	0.13	2.7	0.052	<52	21	<0.035	<0.0025	5.5	0.053	373	18	0.62	736	2.2	819	6.8	14	1.2	19	229	138	4.3
13	**920654**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.036	74	8.8	0.11	100	<0.60	<23	0.26	3.7	0.29	0.14	<2.1	3.8	0.58
14	**920210**	15	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	0.041	<63	8.3	0.12	60	<0.60	25	0.18	3.7	0.29	<0.084	<2.1	2.1	<0.45
15	**920619**	11	<0.11	<0.87	<0.037	<52	14	<0.035	<0.0025	<1.9	0.036	<63	5.6	0.11	51	<0.60	<23	0.13	2.9	0.17	0.11	<2.1	1.6	<0.45
16	**921064**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.036	<63	6.7	0.12	66	<0.60	<23	0.14	2.8	0.17	0.10	<2.1	2.1	<0.45
17	**920226**	12	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.036	<63	5.6	0.090	51	<0.60	<23	0.25	2.1	0.17	<0.084	<2.1	2.3	0.50
18	**920323**	<10	0.17	2.3	0.066	<52	21	0.049	0.0043	4.0	0.053	319	22	0.86	780	2.3	763	7.2	16	1.2	16	317	187	5.6
19	**920263**	11	<0.11	2.0	0.046	<52	17	<0.035	<0.0025	3.8	0.036	204	12	0.52	443	1.7	280	3.0	20	0.66	5.7	113	64	1.5
20	**920072**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.029	<63	<5.2	0.12	51	<0.60	<23	0.18	1.8	0.10	<0.084	<2.1	1.7	<0.45
21	**920398**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.040	<63	5.6	0.095	137	<0.60	<23	0.57	5.1	0.26	<0.084	<2.1	1.5	<0.45
22	**920411**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.045	<63	7.8	0.084	40	<0.60	32	0.13	2.4	0.17	<0.084	<2.1	1.5	<0.45
23	**920798**	<10	<0.11	1.2	<0.037	<52	17	<0.035	<0.0025	3.7	0.036	159	9.9	0.52	347	1.6	259	3.6	9.1	0.59	5.3	105	55	1.4
24	**920171**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.029	<63	5.6	0.13	67	<0.60	<23	0.21	3.6	0.19	0.79	<2.1	1.5	<0.45
25	**920553**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.034	<63	6.7	0.11	68	<0.60	<23	0.18	2.1	0.17	<0.084	<2.1	1.5	<0.45
26	**920509**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	0.0026	<1.9	0.044	<63	7.8	0.12	80	<0.60	<23	0.22	3.1	0.26	<0.084	<2.1	2.3	0.46
27	**920242**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.036	<63	5.6	0.10	68	<0.60	25	0.25	3.1	0.19	<0.084	<2.1	1.5	<0.45
28	**920256**	<10	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.038	<63	9.9	0.13	72	<0.60	25	0.31	3.1	0.20	<0.084	<2.1	2.5	<0.45
29	**920850**	14	0.17	2.2	0.055	63	22	0.036	<0.0025	4.1	0.051	204	31	0.82	484	1.6	646	5.9	19	0.71	12	344	175	3.9
30	**920725**	11	<0.11	<0.87	<0.037	<52	<13	<0.035	<0.0025	<1.9	0.046	<63	5.6	0.11	57	<0.60	<23	0.16	2.3	0.14	0.12	<2.1	1.5	<0.45

MYRIAD RBM™

		Myeloperoxidase (MPO)	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
Analytes															
Units		ng/mL	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
Myriad RBM LDD		0.096	0.029	0.026	0.0030	0.0026	0.032	24	0.0037	3.8	0.0036	0.0071	0.030	6.8	0.27
Myriad RBM LLOQ		0.13	0.092	0.034	0.0068	0.0077	0.045	51	0.0036	4.3	0.019	0.0059	0.060	61	0.36
	Samples														
1	**920257**	0.32	0.87	<0.034	0.16	0.023	<0.045	<51	<0.0036	<4.3	0.019	0.011	1.1	466	0.95
2	**920314**	40	0.41	0.050	0.70	0.023	0.099	89	<0.0036	14	0.049	0.015	3.3	878	2.6
3	**920680**	270	1.4	0.14	0.63	0.018	0.12	376	0.0068	15	0.12	0.036	7.7	1500	4.8
4	**920977**	0.16	1.0	<0.034	0.13	0.018	<0.045	<51	<0.0036	<4.3	<0.019	0.013	1.3	443	0.70
5	**921065**	38	1.0	<0.034	0.40	0.025	0.060	76	0.0041	10	0.062	0.017	3.8	691	2.5
6	**920460**	12	0.43	<0.034	0.47	0.027	0.13	<51	<0.0036	4.6	0.039	0.011	2.4	839	1.5
7	**920462**	0.16	2.1	<0.034	0.14	0.016	<0.045	<51	<0.0036	<4.3	0.024	0.013	1.3	392	1.1
8	**921056**	0.36	1.5	<0.034	0.16	0.017	<0.045	<51	<0.0036	<4.3	0.028	0.010	1.3	512	0.87
9	**920406**	0.20	3.6	<0.034	0.16	0.021	<0.045	<51	<0.0036	<4.3	0.019	0.010	1.5	420	0.95
10	**920035**	71	2.4	0.094	0.51	0.029	0.20	244	<0.0036	14	0.087	0.026	4.7	1360	3.1
11	**920202**	0.20	4.1	<0.034	0.12	0.018	<0.045	<51	<0.0036	<4.3	0.032	0.015	1.3	383	1.2
12	**920306**	308	13	0.097	0.99	0.018	0.060	216	<0.0036	14	0.12	0.026	8.4	1580	4.0
13	**920654**	0.67	7.2	<0.034	0.15	0.016	0.051	56	<0.0036	<4.3	0.054	0.011	2.8	387	1.3
14	**920210**	0.20	1.0	<0.034	0.14	0.030	0.12	<51	<0.0036	<4.3	0.031	0.014	1.4	364	0.95
15	**920619**	0.47	4.8	<0.034	0.12	0.014	<0.045	<51	<0.0036	<4.3	0.027	0.010	1.6	364	1.0
16	**921064**	0.44	2.5	<0.034	0.17	0.019	0.054	<51	<0.0036	<4.3	0.027	0.010	2.1	512	0.78
17	**920226**	0.27	13	<0.034	0.15	0.018	<0.045	<51	<0.0036	<4.3	0.024	0.0060	1.2	420	0.87
18	**920323**	278	1.1	0.11	0.70	0.021	0.39	281	0.0041	14	0.10	0.026	9.5	1370	3.5
19	**920263**	50	3.4	0.055	0.48	0.012	0.054	115	0.0041	10	0.080	0.022	3.0	959	2.1
20	**920072**	0.32	3.0	<0.034	0.18	0.016	0.048	<51	<0.0036	<4.3	0.031	0.0074	1.3	411	0.70
21	**920398**	0.20	1.1	<0.034	0.27	0.021	<0.045	<51	<0.0036	<4.3	0.021	0.010	1.3	341	1.0
22	**920411**	0.25	3.8	<0.034	0.12	0.019	0.10	<51	<0.0036	<4.3	<0.019	0.015	1.1	317	0.78
23	**920798**	58	0.47	0.045	0.51	0.016	<0.045	120	<0.0036	12	0.052	0.014	3.9	813	1.8
24	**920171**	2.9	2.0	<0.034	0.18	0.019	0.12	<51	<0.0036	<4.3	0.024	0.013	1.1	512	0.87
25	**920553**	<0.13	4.2	<0.034	0.18	0.018	<0.045	<51	<0.0036	<4.3	0.023	0.010	1.8	313	0.87
26	**920509**	0.22	13	<0.034	0.19	0.021	0.17	64	<0.0036	<4.3	0.029	0.013	1.7	425	1.1
27	**920242**	0.25	7.3	<0.034	0.16	0.016	<0.045	<51	<0.0036	<4.3	0.024	0.010	1.4	448	0.87
28	**920256**	0.67	1.5	<0.034	0.20	0.012	0.083	<51	0.0041	<4.3	0.026	0.013	7.6	299	1.1
29	**920850**	244	0.76	0.099	0.83	0.019	0.12	281	0.0041	13	0.089	0.026	9.8	1300	3.3
30	**920725**	0.82	4.1	<0.034	0.22	0.023	0.14	<51	<0.0036	<4.3	0.021	0.0074	1.7	355	0.95

MYRIAD RBM™

Test Profile	RodentMAP® v3.0
RBM Order	115941
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 3
Study	15015
Investigator	Blaine Phillips
Date Received	12-Dec-2013

Author	MC
Date	15-Jan-14
Reviewer	NI
Date	16-Jan-14

Samples	50	Mouse	BALF - bronchoalveolar lavage fluid

		Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Factor VII	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)
	Analytes																							
	Units	ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ng/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL
	Myriad RBM LDD	0.046	0.0038	1.3	74	0.63	1.1	3.6	1.2	1.0	1.2	0.0011	0.80	0.38	0.014	2.4	0.36	0.83	7.7	6.3	22	0.26	8.9	0.81
	Myriad RBM LLOQ	0.41	0.011	2.5	86	1.1	4.4	5.3	2.5	0.91	1.5	0.0021	1.1	0.31	0.013	2.4	0.37	1.3	38	18	9.9	0.48	19	0.60
	Samples																							
1	**920874**	<0.41	0.011	<2.5	197	3.0	<4.4	<5.3	4.2	<0.91	<1.5	0.50	<1.1	1.4	<0.013	2.9	0.86	4.7	<38	<18	28	<0.48	<19	0.66
2	**920393**	0.47	0.027	7.7	9680	8.3	21	14	6.6	1.7	4.3	1.0	6.2	1.1	0.096	2.9	6.6	3.7	<38	21	197	2.0	<19	<0.60
3	**920678**	<0.41	0.013	<2.5	92	1.7	<4.4	<5.3	6.0	<0.91	1.7	0.25	<1.1	1.3	<0.013	2.7	0.80	5.6	<38	<18	18	<0.48	<19	<0.60
4	**920010**	<0.41	0.016	3.0	1160	4.1	18	5.8	7.2	<0.91	2.6	0.65	3.1	0.95	0.025	2.8	3.4	3.5	<38	<18	67	1.3	<19	0.74
5	**920597**	<0.41	0.033	6.0	11400	14	21	16	9.0	1.1	4.3	0.82	7.2	1.2	0.036	3.0	12	3.1	<38	<18	252	1.3	<19	0.74
6	**920918**	<0.41	<0.011	<2.5	126	2.5	<4.4	<5.3	3.3	<0.91	<1.5	0.10	<1.1	1.2	<0.013	2.8	0.51	4.1	<38	<18	15	<0.48	<19	<0.60
7	**921083**	<0.41	<0.011	<2.5	126	2.2	<4.4	<5.3	3.5	<0.91	<1.5	0.17	<1.1	1.1	<0.013	2.8	0.77	4.4	<38	<18	15	<0.48	<19	<0.60
8	**920548**	<0.41	<0.011	<2.5	92	2.5	<4.4	<5.3	2.8	<0.91	<1.5	0.36	<1.1	0.98	<0.013	2.8	0.66	3.9	<38	<18	15	<0.48	<19	<0.60
9	**920253**	<0.41	<0.011	<2.5	92	3.0	<4.4	<5.3	3.6	<0.91	<1.5	0.45	<1.1	1.2	<0.013	2.8	1.0	4.4	<38	<18	13	<0.48	<19	<0.60
10	**920938**	<0.41	0.014	<2.5	126	2.2	<4.4	<5.3	5.5	<0.91	<1.5	0.33	<1.1	1.2	<0.013	2.8	0.68	4.6	<38	<18	15	1.0	<19	<0.60
11	**920583**	<0.41	0.017	2.8	271	4.4	12	<5.3	7.1	<0.91	2.2	0.69	1.4	1.1	<0.013	2.9	1.4	3.5	<38	<18	34	1.0	<19	<0.60
12	**920585**	0.62	0.048	7.4	10200	12	21	12	11	1.7	4.3	0.68	5.1	1.0	0.039	3.0	11	1.9	<38	19	252	1.5	<19	<0.60
13	**920428**	<0.41	0.016	3.3	197	4.9	15	8.4	8.7	<0.91	2.6	0.59	2.7	1.1	<0.013	2.8	1.5	4.5	<38	<18	34	1.5	<19	<0.60
14	**920826**	<0.41	0.014	<2.5	3440	5.5	18	8.4	3.9	<0.91	1.7	0.24	4.4	1.3	0.024	2.9	1.1	3.9	<38	<18	99	1.3	<19	<0.60
15	**920618**	<0.41	0.018	<2.5	197	5.2	14	6.5	7.7	<0.91	1.7	0.49	2.0	1.2	0.014	2.9	1.2	4.7	<38	<18	50	1.3	<19	<0.60
16	**920926**	<0.41	0.015	<2.5	92	2.7	<4.4	<5.3	6.3	<0.91	1.7	0.23	<1.1	1.0	<0.013	2.8	1.2	3.3	<38	<18	19	<0.48	<19	<0.60
17	**920745**	<0.41	0.015	2.8	92	2.2	<4.4	<5.3	7.1	<0.91	1.7	0.15	<1.1	1.2	<0.013	2.9	1.0	5.3	<38	<18	21	<0.48	<19	<0.60
18	**921097**	<0.41	0.011	2.8	467	4.1	12	<5.3	3.1	<0.91	<1.5	0.27	1.9	1.2	0.013	2.9	1.8	4.0	<38	<18	47	1.3	<19	<0.60
19	**920326**	<0.41	0.020	<2.5	674	4.6	15	<5.3	6.3	<0.91	2.6	0.24	2.0	0.98	<0.013	2.8	5.2	4.1	<38	<18	63	1.0	<19	0.89
20	**920386**	<0.41	0.012	<2.5	92	2.7	<4.4	<5.3	4.9	<0.91	<1.5	0.13	<1.1	0.98	<0.013	2.7	0.74	3.5	<38	<18	10	<0.48	<19	<0.60
21	**920446**	<0.41	0.021	3.8	348	5.2	17	7.8	8.6	0.99	2.6	0.41	2.0	1.0	<0.013	2.8	4.3	3.8	<38	<18	61	1.0	<19	<0.60
22	**921051**	0.55	0.032	7.1	8300	9.7	20	11	8.9	<0.91	4.3	0.61	4.2	0.88	0.093	3.0	3.1	3.0	<38	<18	224	1.8	<19	<0.60
23	**920665**	<0.41	0.018	<2.5	387	4.6	11	<5.3	7.2	<0.91	<1.5	0.24	1.8	1.0	<0.013	2.8	1.9	4.0	<38	<18	39	1.0	<19	<0.60
24	**920453**	<0.41	0.012	2.8	197	4.4	15	11	6.5	<0.91	2.6	0.61	1.6	1.0	<0.013	2.9	5.0	2.8	<38	<18	34	1.5	<19	<0.60
25	**920360**	<0.41	<0.011	<2.5	92	1.9	<4.4	<5.3	4.1	<0.91	<1.5	0.14	<1.1	0.93	<0.013	2.8	0.54	2.6	<38	<18	14	<0.48	<19	<0.60
26	**920712**	<0.41	0.011	<2.5	197	3.0	8.2	<5.3	3.2	<0.91	1.7	0.46	2.0	1.2	<0.013	2.9	1.5	3.2	<38	<18	34	0.89	<19	<0.60
27	**920847**	<0.41	0.013	<2.5	<86	2.2	<4.4	<5.3	7.1	1.1	<1.5	0.31	1.4	1.1	<0.013	2.7	0.62	4.8	<38	<18	28	<0.48	<19	<0.60
28	**920741**	<0.41	<0.011	<2.5	<86	1.9	<4.4	<5.3	3.1	<0.91	<1.5	0.15	<1.1	0.90	<0.013	2.8	0.75	2.6	<38	<18	28	<0.48	<19	<0.60
29	**920348**	0.42	<0.011	<2.5	<86	2.5	<4.4	<5.3	4.5	<0.91	2.6	0.24	<1.1	1.2	<0.013	2.9	0.52	6.0	<38	<18	12	0.75	<19	<0.60
30	**920718**	<0.41	0.011	<2.5	161	1.9	<4.4	<5.3	4.3	<0.91	1.7	0.44	<1.1	1.0	<0.013	2.8	0.43	4.1	<38	<18	<9.9	<0.48	<19	<0.60
31	**920168**	<0.41	<0.011	<2.5	197	1.7	<4.4	<5.3	7.0	<0.91	<1.5	0.29	<1.1	1.1	<0.013	2.7	0.85	4.5	<38	<18	21	0.60	<19	<0.60
32	**920445**	<0.41	0.011	<2.5	126	4.2	<4.4	<5.3	4.1	<0.91	<1.5	0.089	<1.1	1.1	<0.013	2.9	0.68	3.0	<38	<18	<9.9	<0.48	<19	<0.60
33	**920562**	0.50	0.039	7.7	11800	11	20	9.7	6.3	1.3	3.5	0.77	3.6	0.95	0.031	2.9	4.0	2.5	<38	22	250	1.5	<19	<0.60
34	**920990**	<0.41	0.011	<2.5	92	2.2	<4.4	<5.3	4.1	<0.91	<1.5	0.35	<1.1	0.93	<0.013	2.8	0.57	4.1	<38	<18	18	<0.48	<19	<0.60
35	**920322**	<0.41	0.016	<2.5	161	2.5	<4.4	<5.3	9.1	<0.91	1.7	0.37	1.7	1.0	<0.013	2.6	1.7	4.0	<38	<18	36	0.75	<19	<0.60
36	**921072**	<0.41	0.015	<2.5	109	2.7	<4.4	<5.3	9.4	<0.91	<1.5	0.38	1.6	0.93	<0.013	2.8	7.3	2.2	<38	<18	15	<0.48	<19	<0.60
37	**920205**	<0.41	<0.011	<2.5	104	3.4	<4.4	<5.3	2.6	0.98	<1.5	0.22	1.8	0.78	<0.013	2.7	2.1	4.6	<38	<18	26	<0.48	<19	<0.60
38	**920200**	<0.41	0.035	5.5	5210	8.3	22	15	11	2.1	4.4	0.83	7.0	0.73	0.090	2.8	3.9	1.7	<38	32	213	1.9	<19	<0.60
39	**920132**	<0.41	<0.011	<2.5	104	3.0	<4.4	<5.3	3.0	<0.91	<1.5	0.48	<1.1	0.87	<0.013	2.7	0.61	3.0	<38	<18	18	<0.48	<19	<0.60
40	**920349**	<0.41	0.018	4.5	8570	12	16	7.8	2.6	1.4	1.6	0.53	2.3	0.78	0.020	2.8	10	3.9	<38	<18	223	1.7	<19	<0.60
41	**920354**	<0.41	0.013	2.8	2020	8.0	16	<5.3	<2.5	0.98	1.6	0.35	4.5	0.87	0.031	2.6	2.1	4.3	<38	<18	114	1.5	<19	<0.60
42	**920410**	<0.41	<0.011	<2.5	<86	2.3	<4.4	<5.3	<2.5	<0.91	<1.5	0.20	<1.1	1.1	<0.013	2.7	0.63	3.9	<38	<18	18	<0.48	<19	<0.60
43	**920666**	<0.41	<0.011	<2.5	136	2.4	5.6	<5.3	2.6	<0.91	<1.5	0.35	1.4	0.78	<0.013	2.7	1.1	2.1	<38	<18	23	0.72	<19	<0.60
44	**920614**	<0.41	<0.011	<2.5	136	3.3	11	<5.3	<2.5	<0.91	<1.5	0.32	2.3	0.92	<0.013	2.8	2.3	3.9	<38	<18	50	0.99	<19	<0.60
45	**920668**	0.47	0.019	4.3	8720	9.1	14	9.3	<2.5	1.9	1.6	0.52	3.5	0.75	0.053	2.8	4.5	3.6	<38	<18	211	1.2	<19	<0.60
46	**920068**	<0.41	0.016	2.8	300	3.5	11	<5.3	3.2	<0.91	<1.5	0.43	2.8	0.62	0.026	2.8	3.4	<1.3	<38	<18	71	1.5	<19	<0.60
47	**920135**	<0.41	QNS	<2.5	<86	2.5	<4.4	<5.3	QNS	<0.91	<1.5	0.28	<1.1	0.83	<0.013	2.7	0.49	2.8	<38	<18	26	<0.48	<19	<0.60
48	**920223**	<0.41	<0.011	<2.5	<86	2.3	<4.4	<5.3	<2.5	<0.91	<1.5	0.25	<1.1	0.68	<0.013	2.7	1.4	3.3	<38	<18	23	<0.48	<19	<0.60
49	**920954**	<0.41	<0.011	<2.5	104	4.2	<4.4	<5.3	<2.5	<0.91	<1.5	0.34	1.2	0.89	<0.013	2.7	1.1	4.1	<38	<18	30	<0.48	<19	<0.60
50	**920542**	<0.41	0.013	<2.5	104	4.3	9.0	<5.3	4.1	<0.91	<1.5	0.39	2.3	0.73	<0.013	2.7	2.9	1.9	<38	<18	50	0.99	<19	<0.60

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

QNS-Quantity Not Sufficient for testing.

MYRIAD RBM™

	Analytes	Interleukin-4 (IL-4)	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)
	Units	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	16	0.033	0.58	0.068	42	13	0.029	0.0042	1.1	0.0052	38	5.5	0.0044	3.1	0.48	54	0.0041	2.4	0.049	0.041	2.4	1.3	0.26
	Myriad RBM LLOQ	45	0.11	1.3	0.090	36	30	0.037	0.0029	1.9	0.011	63	8.1	0.0077	9.2	0.60	56	0.0074	1.8	0.10	0.084	2.1	1.2	0.73
	Samples																							
1	920874	<45	<0.11	<1.3	<0.090	42	<30	<0.037	<0.0029	<1.9	0.053	146	<8.1	0.16	111	<0.60	<56	0.19	5.8	0.41	0.43	<2.1	1.3	<0.73
2	920393	<45	0.12	6.2	<0.090	60	<30	<0.037	<0.0029	6.6	0.052	501	21	1.4	579	3.7	1040	7.5	31	1.3	22	698	318	5.6
3	920678	<45	<0.11	<1.3	<0.090	42	<30	<0.037	<0.0029	<1.9	0.067	96	<8.1	0.16	90	<0.60	<56	0.14	4.2	0.34	0.10	<2.1	1.6	<0.73
4	920010	<45	<0.11	1.4	<0.090	<36	<30	<0.037	<0.0029	4.9	0.038	282	8.6	0.58	367	1.9	132	2.3	12	0.91	5.8	44	46	1.6
5	920597	<45	0.12	6.5	<0.090	<36	<30	<0.037	0.0031	7.1	0.075	617	21	0.91	938	3.4	1250	11	25	1.6	27	482	317	8.0
6	920918	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.058	112	<8.1	0.15	98	<0.60	<56	0.15	3.5	0.23	<0.084	<2.1	<1.2	<0.73
7	921083	<45	<0.11	<1.3	<0.090	42	<30	<0.037	<0.0029	<1.9	0.047	96	<8.1	0.11	80	<0.60	<56	0.12	2.9	0.25	<0.084	<2.1	1.3	<0.73
8	920548	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.044	129	<8.1	0.17	84	<0.60	<56	0.27	3.9	0.34	0.13	<2.1	1.6	<0.73
9	920253	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.038	146	<8.1	0.13	114	<0.60	<56	0.24	3.5	0.39	<0.084	<2.1	<1.2	<0.73
10	920938	<45	<0.11	<1.3	<0.090	42	<30	<0.037	<0.0029	<1.9	0.056	146	<8.1	0.17	82	<0.60	<56	0.18	3.5	0.34	0.16	<2.1	<1.2	<0.73
11	920583	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	0.0046	3.6	0.043	299	11	0.35	304	1.2	73	1.3	8.5	0.83	2.2	17	15	<0.73
12	920585	<45	<0.11	6.5	<0.090	56	<30	<0.037	0.0031	6.8	0.054	518	19	0.99	836	3.5	1190	11	25	1.6	34	822	498	8.8
13	920428	<45	0.12	<1.3	<0.090	42	<30	<0.037	<0.0029	5.1	0.053	265	<8.1	0.49	331	1.7	70	2.5	6.8	0.80	1.3	17	23	1.4
14	920826	<45	0.12	2.0	<0.090	42	<30	<0.037	<0.0029	3.9	0.051	214	8.6	0.63	319	1.5	191	1.7	18	0.68	5.2	79	36	0.91
15	920618	<45	<0.11	<1.3	<0.090	38	<30	<0.037	<0.0029	4.0	0.048	231	<8.1	0.38	258	1.3	62	1.3	7.7	0.72	0.98	16	14	<0.73
16	920926	<45	<0.11	<1.3	<0.090	42	<30	<0.037	<0.0029	<1.9	0.047	112	<8.1	0.15	124	0.65	<56	0.38	3.5	0.34	0.35	<2.1	2.6	<0.73
17	920745	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.052	63	<8.1	0.12	51	<0.60	<56	0.22	2.9	0.19	0.12	<2.1	1.3	<0.73
18	921097	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.1	0.068	248	<8.1	0.43	281	1.6	91	1.9	8.4	0.65	2.3	26	28	1.1
19	920326	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.1	0.035	214	<8.1	0.47	306	1.9	128	2.6	6.0	0.59	2.9	69	71	1.8
20	920386	<45	<0.11	<1.3	<0.090	38	<30	<0.037	<0.0029	<1.9	0.043	63	<8.1	0.10	58	<0.60	<56	0.20	2.1	0.19	0.097	<2.1	1.6	<0.73
21	920446	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	5.2	0.049	231	12	0.58	326	2.0	187	2.7	6.2	0.69	1.4	89	102	1.8
22	921051	<45	0.22	4.5	<0.090	69	<30	<0.037	<0.0029	5.8	0.038	418	15	0.98	720	3.4	1220	7.7	33	1.3	7.8	896	450	7.9
23	920665	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	3.9	0.045	180	<8.1	0.29	235	1.6	72	1.6	5.5	0.47	1.4	21	21	<0.73
24	920453	<45	0.12	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.4	0.045	282	<8.1	0.31	378	2.1	61	1.9	5.8	0.88	1.2	7.8	9.8	<0.73
25	920360	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.043	63	<8.1	0.12	65	<0.60	<56	0.21	2.9	0.19	<0.084	<2.1	<1.2	<0.73
26	920712	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.7	0.040	180	<8.1	0.31	176	1.1	<56	0.88	8.2	0.50	0.86	11	11	<0.73
27	920847	<45	<0.11	<1.3	<0.090	51	<30	<0.037	<0.0029	<1.9	0.045	79	<8.1	0.12	70	<0.60	<56	0.14	6.8	0.25	0.18	<2.1	1.8	<0.73
28	920741	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.029	63	<8.1	0.098	66	<0.60	<56	0.13	3.5	0.19	0.32	<2.1	<1.2	<0.73
29	920348	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.052	96	<8.1	0.12	86	<0.60	<56	0.11	3.9	0.25	0.088	<2.1	<1.2	<0.73
30	920718	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.043	129	<8.1	0.16	76	<0.60	<56	0.30	6.8	0.25	0.32	<2.1	<1.2	<0.73
31	920168	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.035	112	<8.1	0.16	126	0.74	<56	0.59	3.5	0.31	0.35	2.9	3.8	<0.73
32	920445	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.033	<63	<8.1	0.12	76	<0.60	<56	0.20	<1.8	0.21	<0.084	<2.1	<1.2	<0.73
33	920562	<45	0.12	6.0	<0.090	42	<30	<0.037	<0.0029	6.2	0.044	451	20	1.1	872	3.4	1200	8.4	22	1.7	38	1130	512	11
34	920990	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.047	87	<8.1	0.12	78	<0.60	<56	0.15	7.9	0.22	0.21	<2.1	1.7	<0.73
35	920322	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.1	0.039	163	<8.1	0.29	188	0.90	<56	0.92	6.2	0.47	0.68	8.9	9.9	<0.73
36	921072	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.028	129	<8.1	0.18	114	<0.60	<56	0.59	2.1	0.38	0.56	<2.1	2.2	<0.73
37	920205	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.036	148	<8.1	0.18	145	<0.60	<56	0.33	14	0.37	0.21	<2.1	3.1	<0.73
38	920200	<45	<0.11	7.4	<0.090	79	<30	<0.037	<0.0029	7.7	0.031	416	23	1.1	567	2.6	1290	9.2	35	1.1	21	1030	378	7.1
39	920132	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.033	126	<8.1	0.11	96	0.80	<56	0.34	8.2	0.41	0.34	<2.1	1.9	<0.73
40	920349	<45	<0.11	2.8	<0.090	<36	<30	<0.037	<0.0029	5.8	0.045	370	20	0.87	629	2.7	851	8.4	16	1.1	28	401	210	5.2
41	920354	<45	<0.11	1.3	<0.090	43	<30	<0.037	<0.0029	5.1	0.038	247	8.7	0.55	389	1.8	349	3.6	18	0.78	5.6	139	66	1.3
42	920410	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.041	89	<8.1	0.11	56	<0.60	<56	0.17	4.0	0.25	0.12	<2.1	1.4	<0.73
43	920666	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.0	0.036	96	<8.1	0.17	111	0.80	<56	0.66	6.1	0.37	0.50	5.6	11	<0.73
44	920614	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.0	0.036	141	<8.1	0.38	181	1.5	99	1.4	6.4	0.50	0.77	32	27	0.81
45	920668	<45	<0.11	2.7	<0.090	43	<30	<0.037	<0.0029	6.5	0.051	354	14	0.99	673	2.9	1000	12	19	1.1	23	797	331	5.0
46	920068	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.6	0.034	186	13	0.60	290	2.2	197	3.8	13	0.67	2.8	64	60	1.6
47	920135	<45	<0.11	<1.3	<0.090	43	<30	<0.037	<0.0029	<1.9	0.031	111	<8.1	0.15	80	<0.60	<56	0.24	12	0.29	0.32	<2.1	1.4	<0.73
48	920223	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.0	0.034	96	<8.1	0.17	120	0.94	<56	0.55	4.3	0.32	0.28	2.3	4.9	<0.73
49	920954	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.4	0.046	111	<8.1	0.16	141	0.80	<56	0.63	4.3	0.38	0.31	2.1	4.1	<0.73
50	920542	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	3.3	0.034	186	<8.1	0.33	228	1.6	70	1.7	7.3	0.58	1.6	23	27	<0.73

MYRIAD RBM™

	Analytes	Myeloperoxidase (MPO)	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
	Units	ng/mL	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
	Myriad RBM LDD	0.096	0.029	0.050	0.0030	0.0026	0.032	79	0.0049	3.8	0.014	0.014	0.030	32	0.27
	Myriad RBM LLOQ	0.13	0.092	0.081	0.0068	0.0077	0.045	83	0.012	4.3	0.015	0.022	0.060	21	0.36
	Samples														
1	920874	2.6	0.89	<0.081	0.17	0.026	0.060	<83	<0.012	6.0	<0.015	<0.022	1.5	393	1.7
2	920393	399	2.2	<0.081	0.57	0.024	0.14	123	<0.012	19	0.073	<0.022	11	1650	5.7
3	920678	0.30	0.63	<0.081	0.17	0.024	0.056	<83	<0.012	<4.3	0.021	<0.022	1.6	396	1.4
4	920010	27	2.2	<0.081	0.28	0.016	0.097	<83	<0.012	13	0.036	<0.022	5.0	747	3.3
5	920597	489	2.8	<0.081	0.99	0.019	0.20	108	<0.012	17	0.080	<0.022	12	1690	5.9
6	920918	0.30	2.2	<0.081	0.19	0.023	0.057	<83	<0.012	<4.3	0.019	<0.022	1.1	294	0.64
7	921083	0.51	1.9	<0.081	0.17	0.024	0.053	<83	<0.012	<4.3	0.018	<0.022	1.1	418	1.2
8	920548	0.61	2.0	<0.081	0.20	0.019	0.052	<83	<0.012	4.8	0.025	<0.022	0.90	313	1.6
9	920253	0.18	0.44	<0.081	0.15	0.025	0.059	<83	<0.012	4.8	0.019	<0.022	1.2	316	1.8
10	920938	0.49	1.7	<0.081	0.17	0.022	0.058	<83	<0.012	<4.3	0.018	<0.022	1.2	317	1.4
11	920583	10	1.3	<0.081	0.27	0.021	0.064	<83	<0.012	11	0.042	<0.022	3.3	591	2.7
12	920585	831	3.2	<0.081	0.65	0.011	0.19	153	<0.012	18	0.083	<0.022	12	1650	5.8
13	920428	7.6	5.5	<0.081	0.27	0.023	0.091	<83	<0.012	12	0.027	<0.022	6.1	647	2.5
14	920826	66	4.3	<0.081	0.60	0.019	0.071	<83	<0.012	8.3	0.054	<0.022	2.9	825	2.0
15	920618	7.9	3.6	<0.081	0.24	0.024	0.098	<83	<0.012	9.4	0.025	<0.022	3.1	605	2.1
16	920926	1.9	5.4	<0.081	0.15	0.023	0.076	<83	<0.012	<4.3	0.029	<0.022	1.7	386	1.2
17	920745	0.54	1.7	<0.081	0.20	0.024	0.098	<83	<0.012	<4.3	0.018	<0.022	1.6	256	1.1
18	921097	16	2.9	<0.081	0.23	0.024	0.048	<83	<0.012	9.4	0.041	<0.022	3.4	659	2.0
19	920326	21	2.4	<0.081	0.22	0.024	0.12	<83	<0.012	11	0.029	<0.022	5.8	742	2.1
20	920386	0.44	3.9	<0.081	0.17	0.0094	0.054	<83	<0.012	<4.3	0.019	<0.022	1.1	319	0.85
21	920446	13	1.2	<0.081	0.32	0.015	0.11	<83	<0.012	13	0.028	<0.022	7.5	692	2.3
22	921051	301	5.6	<0.081	0.53	0.017	0.14	87	<0.012	14	0.076	<0.022	9.8	1110	3.8
23	920665	14	5.9	<0.081	0.23	0.014	0.092	<83	<0.012	10	0.027	<0.022	3.9	532	1.5
24	920453	7.7	1.3	<0.081	0.45	0.013	0.068	<83	<0.012	14	0.021	<0.022	5.2	481	2.8
25	920360	0.35	3.4	<0.081	0.16	0.014	0.059	<83	<0.012	<4.3	0.017	<0.022	1.0	365	0.75
26	920712	6.4	1.9	<0.081	0.20	0.018	0.050	<83	<0.012	5.4	0.031	<0.022	2.0	606	1.9
27	920847	0.49	5.3	<0.081	0.18	0.019	0.077	<83	<0.012	<4.3	0.026	<0.022	1.3	518	1.3
28	920741	1.9	1.4	<0.081	0.12	0.011	<0.045	<83	<0.012	<4.3	<0.015	<0.022	0.76	241	0.75
29	920348	0.24	3.4	<0.081	0.18	0.018	<0.045	<83	<0.012	4.8	<0.015	<0.022	1.4	405	1.3
30	920718	1.3	0.99	<0.081	0.11	0.014	0.057	<83	<0.012	4.8	0.020	<0.022	1.3	303	1.6
31	920168	3.2	3.7	<0.081	0.19	0.018	0.047	<83	<0.012	<4.3	<0.015	<0.022	2.1	422	1.4
32	920445	0.41	4.2	<0.081	0.16	0.012	0.063	<83	<0.012	<4.3	<0.015	<0.022	0.86	167	0.64
33	920562	623	2.1	<0.081	0.62	0.019	0.15	146	<0.012	15	0.058	<0.022	14	1320	6.1
34	920990	0.96	3.1	<0.081	0.14	0.019	0.059	<83	<0.012	4.8	<0.015	<0.022	1.6	348	1.6
35	920322	5.4	4.1	<0.081	0.21	0.021	0.11	<83	<0.012	5.4	0.017	<0.022	3.2	578	2.0
36	921072	3.1	14	<0.081	0.16	0.0086	0.096	<83	<0.012	4.8	0.018	<0.022	4.2	177	2.0
37	920205	1.5	2.1	<0.081	0.19	0.017	<0.045	<83	<0.012	5.0	0.037	<0.022	2.3	682	1.3
38	920200	361	0.83	<0.081	0.52	0.015	0.15	190	<0.012	20	0.10	<0.022	14	1230	6.5
39	920132	2.1	2.3	<0.081	0.14	0.017	<0.045	<83	<0.012	5.0	0.030	<0.022	1.3	252	1.6
40	920349	490	3.3	<0.081	0.70	0.017	0.089	147	<0.012	17	0.084	<0.022	13	1170	6.2
41	920354	61	8.2	<0.081	0.42	0.015	<0.045	86	<0.012	12	0.064	<0.022	5.2	922	2.8
42	920410	0.34	1.2	<0.081	0.16	0.013	<0.045	<83	<0.012	<4.3	0.022	<0.022	1.4	208	1.1
43	920666	3.6	3.3	<0.081	0.11	0.015	<0.045	<83	<0.012	5.0	0.033	<0.022	2.4	405	1.6
44	920614	6.8	1.3	<0.081	0.21	0.014	<0.045	<83	<0.012	10	0.033	<0.022	4.9	633	1.6
45	920668	414	3.8	<0.081	0.86	0.017	0.074	164	<0.012	16	0.083	<0.022	13	1290	5.5
46	920068	16	0.39	<0.081	0.19	0.0093	0.080	86	<0.012	14	0.041	<0.022	5.5	580	2.7
47	920135	0.99	0.39	<0.081	0.12	0.011	QNS	<83	<0.012	<4.3	0.032	<0.022	1.4	325	1.1
48	920223	2.0	0.71	<0.081	0.15	0.015	<0.045	<83	<0.012	5.0	0.048	<0.022	2.6	365	1.4
49	920954	1.7	1.1	<0.081	0.14	0.019	<0.045	<83	<0.012	<4.3	0.042	<0.022	2.8	353	1.5
50	920542	8.4	4.8	<0.081	0.17	0.010	0.058	<83	<0.012	10	0.058	<0.022	5.2	545	2.2

MYRIAD RBM™

Test Profile	RodentMAP® v3.0
RBM Order	116343
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 6
Study	15015
Investigator	Blaine Phillips
Date Received	14-Mar-2014

Author	MC
Date	4-Apr-14
Reviewer	JC
Date	17-Apr-14

Samples	49	Mouse	BALF - bronchoalveolar lavage fluid	

		Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Factor VII	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)
Analytes																								
Units		ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ng/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL
Myriad RBM LDD		0.10	0.0038	1.3	74	0.63	1.1	3.6	1.2	1.0	1.2	0.0011	0.80	0.38	0.014	0.040	0.37	0.83	7.7	6.3	22	0.26	8.9	0.81
Myriad RBM LLOQ		0.15	0.011	2.5	86	1.1	4.4	5.3	2.5	0.91	1.5	0.0021	1.1	0.31	0.013	2.6	0.26	1.3	38	18	9.9	0.48	19	0.60
	Samples																							
1	**920037**	<0.15	<0.011	<2.5	<86	1.3	<4.4	<5.3	<2.5	<0.91	1.8	0.18	1.2	0.93	<0.013	2.8	<0.26	6.6	<38	<18	<9.9	<0.48	<19	<0.60
2	**920077**	0.34	0.042	5.3	7480	9.3	22	13	7.3	2.4	3.0	0.82	7.2	0.81	0.065	2.9	13	4.8	<38	18	317	1.3	<19	<0.60
3	**920777**	0.46	0.014	<2.5	101	2.0	<4.4	<5.3	4.2	<0.91	1.5	0.21	<1.1	0.97	<0.013	2.8	0.34	5.8	<38	<18	<9.9	<0.48	<19	<0.60
4	**920111**	1.4	0.074	<2.5	<86	4.5	5.2	<5.3	5.2	<0.91	1.5	0.41	<1.1	0.89	<0.013	3.0	2.1	4.6	<38	<18	12	0.74	<19	<0.60
5	**920661**	<0.15	0.045	4.8	4810	5.5	26	11	6.0	2.1	2.0	0.90	7.0	0.85	0.070	2.8	5.6	4.8	<38	<18	158	1.8	<19	<0.60
6	**920843**	<0.15	<0.011	<2.5	<86	2.8	<4.4	<5.3	2.9	<0.91	<1.5	0.18	<1.1	0.89	<0.013	2.9	0.68	5.8	<38	<18	20	0.55	<19	<0.60
7	**920949**	<0.15	<0.011	<2.5	101	2.0	<4.4	<5.3	6.4	<0.91	1.5	0.24	1.4	0.89	<0.013	2.8	0.62	5.5	<38	<18	20	<0.48	<19	<0.60
8	**920630**	0.21	0.011	<2.5	130	2.4	<4.4	<5.3	4.9	<0.91	<1.5	0.20	<1.1	0.93	<0.013	2.7	0.90	5.5	<38	<18	15	<0.48	<19	<0.60
9	**920535**	<0.15	<0.011	<2.5	101	1.8	<4.4	<5.3	4.7	<0.91	<1.5	0.22	1.2	0.79	<0.013	2.8	1.1	5.8	<38	<18	20	<0.48	<19	<0.60
10	**920336**	0.17	<0.011	<2.5	<86	2.2	<4.4	<5.3	2.6	<0.91	1.5	0.18	<1.1	0.89	<0.013	2.8	0.54	5.8	<38	<18	12	0.55	<19	<0.60
11	**920824**	<0.15	<0.011	<2.5	<86	1.6	<4.4	<5.3	4.5	<0.91	<1.5	0.20	<1.1	0.93	<0.013	2.8	0.60	5.3	<38	<18	12	0.55	<19	<0.60
12	**920518**	0.21	0.038	<2.5	159	6.5	6.4	<5.3	10	<0.91	<1.5	0.32	1.2	0.89	<0.013	2.9	1.4	5.3	<38	<18	40	0.55	<19	<0.60
13	**920174**	<0.15	0.015	<2.5	101	2.4	<4.4	<5.3	8.4	<0.91	1.5	0.14	<1.1	0.81	<0.013	2.8	1.0	5.5	<38	<18	14	<0.48	<19	<0.60
14	**920922**	0.17	<0.011	<2.5	101	2.8	<4.4	<5.3	4.4	<0.91	<1.5	0.45	<1.1	0.81	<0.013	2.8	1.3	5.8	<38	<18	10	0.55	<19	<0.60
15	**920481**	0.16	0.012	<2.5	101	2.6	<4.4	<5.3	3.2	<0.91	3.0	0.30	1.6	0.97	<0.013	2.8	0.84	6.7	<38	<18	10	0.93	<19	<0.60
16	**920510**	<0.15	0.015	<2.5	<86	4.9	<4.4	<5.3	6.7	<0.91	<1.5	0.19	<1.1	0.93	<0.013	2.8	3.0	5.5	<38	<18	20	0.55	<19	<0.60
17	**920932**	<0.15	0.032	4.6	6810	8.1	23	9.5	3.2	1.6	2.7	0.56	3.4	0.68	<0.013	2.8	12	4.2	<38	<18	237	1.2	<19	<0.60
18	**920279**	0.17	0.014	<2.5	130	2.8	7.7	<5.3	7.4	<0.91	<1.5	0.26	<1.1	0.83	<0.013	2.8	2.3	5.3	<38	<18	29	<0.48	<19	<0.60
19	**920626**	<0.15	0.021	<2.5	130	2.6	11	<5.3	11	<0.91	1.5	0.61	1.2	0.68	<0.013	2.9	14	4.7	<38	<18	<9.9	0.93	<19	<0.60
20	**920241**	<0.15	0.033	<2.5	245	2.6	13	<5.3	12	<0.91	<1.5	0.20	1.2	0.77	<0.013	2.8	6.1	4.8	<38	<18	30	0.74	<19	<0.60
21	**920848**	<0.15	<0.011	<2.5	<86	1.5	<4.4	<5.3	3.3	<0.91	1.8	0.064	<1.1	0.89	<0.013	2.8	0.28	5.8	<38	<18	<9.9	<0.48	<19	<0.60
22	**920195**	<0.15	0.025	3.8	4390	5.5	19	7.9	4.9	1.3	1.5	0.46	2.1	0.77	0.030	2.9	3.0	4.0	<38	<18	120	1.1	<19	<0.60
23	**920232**	<0.15	<0.011	<2.5	<86	2.2	<4.4	<5.3	3.2	<0.91	1.5	0.081	<1.1	0.73	<0.013	2.8	0.39	4.6	<38	<18	<9.9	0.74	<19	<0.60
24	**920778**	<0.15	<0.011	<2.5	<86	2.1	5.2	<5.3	2.8	<0.91	1.5	0.21	1.2	0.79	<0.013	2.8	0.62	4.8	<38	<18	<9.9	0.74	<19	<0.60
25	**921015**	<0.15	0.019	2.7	2990	5.5	18	6.4	3.9	<0.91	2.0	0.34	1.9	0.77	0.023	2.9	3.2	4.2	<38	<18	84	0.74	<19	<0.60
26	**920751**	0.28	0.023	3.1	2950	5.2	23	11	3.7	<0.91	2.5	0.58	2.5	0.73	0.028	2.7	2.7	4.3	<38	<18	76	0.74	<19	<0.60
27	**920074**	0.27	0.024	2.9	3040	5.5	25	7.3	4.9	1.3	2.0	0.83	4.0	0.77	0.042	2.9	2.0	4.9	<38	<18	141	1.3	<19	<0.60
28	**920776**	<0.15	0.012	<2.5	<86	1.6	<4.4	<5.3	3.8	<0.91	<1.5	0.30	<1.1	0.63	<0.013	2.7	0.31	4.9	<38	<18	<9.9	<0.48	<19	<0.60
29	**921010**	<0.15	<0.011	<2.5	<86	1.6	<4.4	<5.3	3.4	<0.91	1.5	0.16	<1.1	0.89	<0.013	2.6	0.49	5.8	<38	<18	<9.9	<0.48	<19	<0.60
30	**920239**	0.17	0.014	<2.5	<86	1.8	<4.4	<5.3	4.6	<0.91	<1.5	0.11	<1.1	0.77	<0.013	2.8	1.3	4.9	<38	<18	<9.9	<0.48	<19	<0.60
31	**920152**	<0.15	0.013	<2.5	101	2.5	<4.4	<5.3	4.7	<0.91	<1.5	0.22	1.2	0.81	<0.013	2.9	2.1	4.8	<38	<18	<9.9	<0.48	<19	<0.60
32	**920476**	<0.15	0.014	<2.5	<86	1.8	<4.4	<5.3	4.0	<0.91	<1.5	0.29	1.2	0.77	<0.013	2.8	0.45	4.6	<38	<18	<9.9	<0.48	<19	<0.60
33	**920501**	<0.15	<0.011	<2.5	<86	1.8	<4.4	<5.3	<2.5	<0.91	<1.5	0.26	<1.1	0.75	<0.013	2.8	<0.26	5.8	<38	<18	<9.9	0.55	<19	<0.60
34	**920450**	<0.15	<0.011	<2.5	<86	1.6	<4.4	<5.3	3.7	<0.91	<1.5	0.28	<1.1	0.73	<0.013	2.7	<0.26	4.8	<38	<18	13	<0.48	<19	<0.60
35	**920498**	<0.15	<0.011	<2.5	<86	1.8	<4.4	<5.3	5.1	<0.91	<1.5	0.20	<1.1	0.85	<0.013	2.8	0.52	5.2	<38	<18	<9.9	<0.48	<19	<0.60
36	**920436**	0.36	0.036	5.0	5300	7.2	17	12	10	1.9	2.5	0.69	4.7	0.79	0.052	2.9	7.4	3.3	<38	<18	172	1.7	<19	<0.60
37	**920910**	0.25	<0.011	<2.5	104	2.2	<4.4	<5.3	3.8	<0.91	1.6	0.38	<1.1	1.2	<0.013	2.8	0.98	6.9	<38	<18	<9.9	0.49	<19	<0.60
38	**920736**	0.35	0.014	<2.5	132	4.4	7.6	<5.3	4.2	<0.91	3.0	0.37	1.2	1.0	<0.013	2.9	0.55	5.9	<38	<18	16	<0.48	<19	<0.60
39	**920101**	0.31	0.028	4.8	6760	7.6	14	<5.3	4.5	1.7	3.3	0.70	5.1	0.94	0.030	2.7	14	4.4	<38	<18	241	1.6	<19	<0.60
40	**920081**	0.35	0.015	<2.5	104	3.5	<4.4	<5.3	6.6	<0.91	<1.5	0.16	1.7	1.0	<0.013	2.7	4.2	4.7	<38	<18	19	0.61	<19	<0.60
41	**920541**	0.45	<0.011	<2.5	104	4.6	<4.4	<5.3	5.2	<0.91	1.6	0.52	<1.1	1.0	<0.013	2.7	0.93	6.8	<38	<18	13	1.0	<19	<0.60
42	**921037**	0.26	<0.011	<2.5	<86	2.4	<4.4	<5.3	3.4	<0.91	1.6	0.45	<1.1	1.1	<0.013	2.8	0.90	6.3	<38	<18	<9.9	0.61	<19	<0.60
43	**921049**	0.45	0.014	<2.5	<86	4.2	<4.4	<5.3	3.5	<0.91	2.3	0.58	1.2	1.0	<0.013	2.9	0.86	5.5	<38	<18	30	0.82	<19	<0.60
44	**920155**	<0.15	<0.011	<2.5	<86	3.7	<4.4	<5.3	3.7	<0.91	2.3	0.14	<1.1	0.75	<0.013	2.8	0.37	3.9	<38	<18	28	0.82	<19	<0.60
45	**920944**	0.29	0.031	6.2	6040	7.6	18	7.8	7.4	1.4	3.0	0.63	1.5	1.1	0.027	2.8	11	4.9	<38	<18	216	1.3	<19	<0.60
46	**920851**	0.37	0.014	<2.5	104	4.4	11	<5.3	9.6	<0.91	4.2	0.26	1.5	1.1	<0.013	2.8	3.5	4.9	<38	<18	36	1.2	<19	<0.60
47	**921080**	0.24	<0.011	<2.5	<86	2.6	<4.4	<5.3	4.5	<0.91	1.6	0.17	<1.1	0.94	<0.013	2.8	0.37	5.6	<38	<18	13	0.61	<19	<0.60
48	**920162**	0.23	<0.011	<2.5	<86	2.2	<4.4	<5.3	5.5	1.2	<1.5	0.11	1.3	0.75	<0.013	2.8	0.51	4.2	54	<18	33	0.82	<19	<0.60
49	**920854**	0.26	<0.011	<2.5	<86	2.2	<4.4	<5.3	4.7	<0.91	<1.5	0.14	<1.1	1.1	<0.013	2.9	<0.26	6.3	<38	<18	<9.9	0.61	<19	<0.60

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

MYRIAD RBM™

	Analytes	Interleukin-4 (IL-4)	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)
	Units	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	16	0.033	0.58	0.068	42	13	0.029	0.0042	1.1	0.0052	38	5.5	0.0044	3.1	0.48	54	0.0041	2.4	0.049	0.041	2.4	1.3	0.26
	Myriad RBM LLOQ	45	0.11	1.3	0.090	36	30	0.037	0.0029	1.9	0.011	63	8.1	0.0077	9.2	0.60	56	0.0074	1.8	0.10	0.084	2.1	1.2	0.73
	Samples																							
1	**920037**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.064	81	<8.1	0.12	70	<0.60	<56	0.097	2.9	0.24	0.087	<2.1	1.5	<0.73
2	**920077**	<45	0.14	10	<0.090	49	<30	<0.037	<0.0029	6.5	0.045	410	30	1.5	519	5.7	1910	6.6	41	1.1	25	930	440	9.1
3	**920777**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.057	90	<8.1	0.15	73	<0.60	<56	0.12	4.0	0.34	0.11	<2.1	1.8	<0.73
4	**920111**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.3	0.054	120	9.1	0.28	104	0.63	<56	0.40	5.0	0.44	0.50	<2.1	3.2	<0.73
5	**920661**	<45	<0.11	5.7	<0.090	49	<30	<0.037	<0.0029	5.5	0.049	305	23	1.4	356	3.7	1140	3.4	32	0.95	11	768	291	4.9
6	**920843**	<45	0.14	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.048	90	<8.1	0.12	122	<0.60	<56	0.23	2.3	0.38	0.093	<2.1	2.6	<0.73
7	**920949**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.060	86	<8.1	0.13	132	<0.60	<56	0.27	5.0	0.36	<0.084	<2.1	1.3	<0.73
8	**920630**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.050	90	<8.1	0.18	101	<0.60	<56	0.26	3.6	0.26	0.27	<2.1	3.9	<0.73
9	**920535**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.057	81	<8.1	0.20	104	<0.60	<56	0.27	5.0	0.28	0.21	4.2	6.7	<0.73
10	**920336**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.044	<63	<8.1	0.12	84	0.63	<56	0.18	2.9	0.24	0.13	<2.1	1.3	<0.73
11	**920824**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.043	81	9.1	0.12	70	<0.60	<56	0.25	2.7	0.23	<0.084	<2.1	<1.2	<0.73
12	**920518**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.6	0.050	140	9.1	0.24	178	0.95	<56	0.76	7.5	0.52	0.79	6.5	9.9	<0.73
13	**920174**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.049	120	9.1	0.14	164	<0.60	<56	0.30	<1.8	0.38	0.17	<2.1	1.5	<0.73
14	**920922**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.045	115	<8.1	0.14	134	<0.60	<56	0.43	2.3	0.34	0.25	<2.1	2.3	<0.73
15	**920481**	<45	0.14	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.059	120	<8.1	0.13	143	0.63	<56	0.38	2.1	0.40	0.15	<2.1	2.0	<0.73
16	**920510**	<45	0.24	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.042	90	<8.1	0.15	106	1.1	<56	0.44	<1.8	0.34	0.14	<2.1	2.3	<0.73
17	**920932**	<45	0.14	3.4	<0.090	<36	<30	<0.037	<0.0029	5.2	0.049	305	21	0.93	445	3.8	1350	5.8	12	0.94	31	380	241	5.8
18	**920279**	<45	<0.11	1.4	<0.090	<36	<30	<0.037	<0.0029	2.2	0.048	100	<8.1	0.21	147	0.85	<56	0.89	7.1	0.38	0.55	18	21	<0.73
19	**920626**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	3.1	0.043	130	9.1	0.17	143	0.95	<56	1.1	1.9	0.54	1.2	<2.1	4.6	<0.73
20	**920241**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	3.4	0.040	100	<8.1	0.41	152	1.4	103	1.2	8.1	0.29	0.98	29	37	1.0
21	**920848**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.058	<63	<8.1	0.099	50	<0.60	<56	0.19	<1.8	0.14	<0.084	<2.1	1.3	<0.73
22	**920195**	<45	<0.11	1.9	<0.090	<36	<30	<0.037	<0.0029	5.1	0.042	271	10	1.2	429	2.7	731	3.9	19	0.75	5.8	322	242	4.7
23	**920232**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.038	<63	<8.1	0.11	62	<0.60	<56	0.25	<1.8	0.18	<0.084	<2.1	1.3	<0.73
24	**920778**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.040	110	<8.1	0.14	136	0.74	<56	0.53	3.1	0.38	0.14	<2.1	1.5	<0.73
25	**921015**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	4.3	0.044	215	9.1	0.87	395	2.1	492	2.9	15	0.75	5.4	277	122	2.0
26	**920751**	<45	0.32	<1.3	<0.090	<36	<30	<0.037	<0.0029	5.9	0.043	277	10	0.77	349	2.1	319	3.5	7.2	0.87	7.1	117	69	1.5
27	**920074**	<45	0.14	3.0	<0.090	<36	<30	<0.037	<0.0029	5.5	0.047	260	13	1.0	402	2.6	687	3.5	20	1.1	7.2	265	171	2.4
28	**920776**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.038	72	<8.1	0.12	89	<0.60	<56	0.11	5.8	0.30	0.25	<2.1	1.5	<0.73
29	**921010**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.043	63	<8.1	0.10	56	<0.60	<56	0.12	2.6	0.18	0.10	<2.1	<1.2	<0.73
30	**920239**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.039	63	<8.1	0.12	87	<0.60	<56	0.22	2.9	0.20	<0.084	<2.1	1.3	<0.73
31	**920152**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.035	72	<8.1	0.17	102	0.63	<56	0.34	4.2	0.30	0.26	<2.1	3.1	<0.73
32	**920476**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.040	100	<8.1	0.12	92	<0.60	<56	0.18	4.8	0.30	0.20	<2.1	1.3	<0.73
33	**920501**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.053	105	<8.1	0.14	120	<0.60	<56	0.28	2.9	0.34	<0.084	<2.1	<1.2	<0.73
34	**920450**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.040	81	<8.1	0.12	67	<0.60	<56	0.097	6.4	0.26	0.26	<2.1	1.5	<0.73
35	**920498**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.043	81	<8.1	0.10	70	<0.60	<56	0.22	4.2	0.25	0.087	<2.1	<1.2	<0.73
36	**920436**	<45	<0.11	3.5	<0.090	49	<30	<0.037	<0.0029	5.5	0.065	328	20	1.2	505	4.1	1200	4.9	23	1.2	22	569	254	5.6
37	**920910**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.081	120	<8.1	0.15	79	<0.60	<56	0.24	6.4	0.30	0.18	<2.1	1.7	<0.73
38	**920736**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.5	0.086	167	<8.1	0.19	231	0.79	<56	0.56	4.2	0.63	0.55	<2.1	2.9	<0.73
39	**920101**	<45	<0.11	4.1	<0.090	43	<30	<0.037	<0.0029	5.3	0.062	267	23	1.1	366	3.3	1090	4.6	23	0.83	15	503	245	4.3
40	**920081**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.058	108	8.5	0.23	129	<0.60	<56	0.42	4.5	0.32	0.32	3.5	9.0	<0.73
41	**920541**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.076	178	<8.1	0.15	142	<0.60	<56	0.29	6.7	0.46	0.32	<2.1	2.6	<0.73
42	**921037**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.0	0.078	126	<8.1	0.12	102	<0.60	<56	0.35	9.7	0.34	0.74	<2.1	1.6	<0.73
43	**921049**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.064	102	8.5	0.13	89	<0.60	<56	0.33	12	0.39	0.50	<2.1	1.9	<0.73
44	**920155**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.048	108	<8.1	0.12	70	<0.60	<56	0.38	2.4	0.27	0.15	<2.1	2.1	<0.73
45	**920944**	<45	0.13	4.2	<0.090	43	<30	<0.037	0.0073	5.5	0.073	421	22	1.2	726	2.6	977	7.2	17	1.4	10	340	285	5.5
46	**920851**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	3.0	0.066	172	9.8	0.28	178	0.79	72	0.95	4.6	0.48	0.93	18	20	<0.73
47	**921080**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.3	0.059	67	<8.1	0.13	65	<0.60	<56	0.28	<1.8	0.24	<0.084	<2.1	1.6	<0.73
48	**920162**	<45	0.13	<1.3	<0.090	50	<30	<0.037	<0.0029	<1.9	0.051	102	<8.1	0.12	84	<0.60	58	0.32	3.1	0.32	0.087	<2.1	2.1	<0.73
49	**920854**	<45	<0.11	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.9	0.062	<63	<8.1	0.087	50	<0.60	<56	0.20	2.3	0.19	0.087	<2.1	<1.2	<0.73

MYRIAD RBM™

	Analytes	Myeloperoxidase (MPO)	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
	Units	ng/mL	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
	Myriad RBM LDD	0.096	0.029	0.050	0.0030	0.0026	0.032	79	0.0049	3.8	0.014	0.014	0.030	32	0.27
	Myriad RBM LLOQ	0.13	0.092	0.081	0.0068	0.0077	0.045	83	0.012	4.3	0.015	0.022	0.060	21	0.36
	Samples														
1	920037	0.28	<0.092	<0.081	0.15	0.030	0.065	<83	<0.012	<4.3	0.020	<0.022	1.7	292	1.3
2	920077	446	0.43	0.12	0.78	0.024	0.18	207	<0.012	17	0.085	<0.022	21	1490	6.9
3	920777	0.24	0.11	<0.081	0.22	0.024	0.051	<83	<0.012	<4.3	0.017	<0.022	2.5	272	1.5
4	920111	1.0	1.6	<0.081	0.55	0.020	0.45	<83	<0.012	4.8	0.054	<0.022	12	291	3.4
5	920661	244	0.73	0.095	0.39	0.021	0.19	187	<0.012	17	0.063	<0.022	10	773	5.4
6	920843	0.76	1.1	<0.081	0.20	0.026	0.045	<83	<0.012	<4.3	0.020	<0.022	1.8	258	1.3
7	920949	0.38	2.7	<0.081	0.20	0.024	0.067	<83	<0.012	<4.3	0.019	<0.022	1.5	508	1.4
8	920630	2.4	1.1	<0.081	0.24	0.024	0.070	<83	<0.012	<4.3	0.026	<0.022	2.4	414	1.3
9	920535	1.9	<0.092	<0.081	0.22	0.026	<0.045	<83	<0.012	<4.3	0.018	<0.022	3.8	314	1.5
10	920336	0.82	0.26	<0.081	0.19	0.024	0.055	<83	<0.012	5.7	0.020	<0.022	1.7	296	1.3
11	920824	<0.13	0.19	<0.081	0.16	0.024	<0.045	<83	<0.012	<4.3	<0.015	<0.022	1.4	230	1.2
12	920518	5.4	2.6	<0.081	0.28	0.024	0.16	<83	<0.012	5.3	0.033	<0.022	3.7	359	1.9
13	920174	1.9	<0.092	<0.081	0.21	0.019	0.065	<83	<0.012	<4.3	<0.015	<0.022	4.7	165	1.3
14	920922	1.9	0.78	<0.081	0.14	0.021	0.054	<83	<0.012	<4.3	0.023	<0.022	2.5	253	2.4
15	920481	0.96	0.35	<0.081	0.26	0.028	0.056	<83	<0.012	6.2	<0.015	<0.022	2.4	227	1.6
16	920510	0.66	1.5	<0.081	0.27	0.015	0.078	<83	<0.012	5.7	0.025	<0.022	6.1	265	1.6
17	920932	465	0.33	<0.081	0.89	0.016	0.086	148	<0.012	14	0.055	<0.022	17	988	5.6
18	920279	4.6	0.39	<0.081	0.25	0.020	0.080	<83	<0.012	7.2	0.048	<0.022	3.5	265	1.7
19	920626	4.7	0.17	<0.081	0.19	0.020	0.22	<83	<0.012	8.6	0.024	<0.022	6.9	187	3.3
20	920241	9.9	0.14	<0.081	0.35	0.020	0.18	<83	<0.012	7.2	0.024	<0.022	3.4	400	1.5
21	920848	0.18	0.23	<0.081	0.18	0.021	<0.045	<83	<0.012	<4.3	<0.015	<0.022	1.4	189	0.64
22	920195	215	0.17	<0.081	0.49	0.018	0.12	117	<0.012	14	0.048	<0.022	8.3	687	2.8
23	920232	0.28	0.33	<0.081	0.18	0.020	<0.045	<83	<0.012	<4.3	<0.015	<0.022	1.8	199	0.80
24	920778	0.58	<0.092	<0.081	0.26	0.020	<0.045	<83	<0.012	<4.3	0.018	<0.022	1.8	310	1.4
25	921015	172	0.25	<0.081	0.49	0.020	0.085	84	<0.012	11	0.033	<0.022	6.2	895	2.6
26	920751	168	0.28	<0.081	0.66	0.022	0.093	<83	<0.012	18	0.031	<0.022	9.4	470	3.5
27	920074	168	0.37	<0.081	0.52	0.015	0.12	105	<0.012	17	0.045	<0.022	8.2	955	3.9
28	920776	0.82	0.63	<0.081	0.20	0.019	<0.045	<83	<0.012	<4.3	<0.015	<0.022	1.4	282	1.4
29	921010	0.17	3.2	<0.081	0.18	0.018	<0.045	<83	<0.012	<4.3	<0.015	<0.022	2.2	183	1.0
30	920239	0.42	0.73	<0.081	0.17	0.022	0.058	<83	<0.012	<4.3	<0.015	<0.022	2.6	203	1.0
31	920152	1.8	0.53	<0.081	0.23	0.018	0.079	<83	<0.012	<4.3	<0.015	<0.022	2.9	280	1.3
32	920476	0.58	0.82	<0.081	0.17	0.021	0.057	<83	<0.012	<4.3	0.019	<0.022	1.8	237	1.5
33	920501	<0.13	0.30	<0.081	0.17	0.024	<0.045	<83	<0.012	<4.3	<0.015	<0.022	1.5	268	1.3
34	920450	0.28	1.5	<0.081	0.18	0.020	0.048	<83	<0.012	<4.3	<0.015	<0.022	1.7	349	1.4
35	920498	<0.13	1.1	<0.081	0.20	0.022	0.062	<83	<0.012	<4.3	<0.015	<0.022	2.1	212	1.2
36	920436	285	1.3	<0.081	0.65	0.015	0.22	117	<0.012	14	0.051	<0.022	18	933	5.6
37	920910	0.51	0.75	<0.081	0.20	0.051	<0.045	<83	<0.012	4.5	0.018	<0.022	2.7	233	1.8
38	920736	4.8	0.23	<0.081	0.21	0.040	0.072	<83	<0.012	7.5	0.021	<0.022	2.6	264	1.7
39	920101	290	0.45	<0.081	0.59	0.034	0.15	187	<0.012	15	0.066	<0.022	17	739	4.9
40	920081	2.5	4.4	<0.081	0.24	0.032	0.069	<83	<0.012	4.5	0.016	<0.022	4.6	275	1.6
41	920541	0.76	0.59	<0.081	0.27	0.039	0.074	<83	<0.012	4.5	0.016	<0.022	5.6	367	2.4
42	921037	1.7	1.7	<0.081	0.17	0.042	<0.045	<83	<0.012	5.0	<0.015	<0.022	1.9	211	1.8
43	921049	0.90	5.2	<0.081	0.23	0.032	0.080	<83	<0.012	5.6	0.026	<0.022	2.4	351	2.3
44	920155	0.44	6.5	<0.081	0.22	0.027	0.050	<83	<0.012	<4.3	0.018	<0.022	1.7	303	0.85
45	920944	256	1.3	<0.081	1.0	0.034	0.18	136	<0.012	17	0.057	<0.022	18	809	4.4
46	920851	5.7	2.0	<0.081	0.43	0.039	0.092	<83	<0.012	6.5	0.026	<0.022	6.0	305	1.8
47	921080	0.41	0.61	<0.081	0.29	0.034	0.051	<83	<0.012	<4.3	<0.015	<0.022	1.4	322	0.81
48	920162	<0.13	2.2	<0.081	0.32	0.019	0.074	<83	<0.012	<4.3	0.023	<0.022	2.1	448	0.85
49	920854	0.26	0.39	<0.081	0.25	0.039	0.069	<83	<0.012	<4.3	<0.015	<0.022	1.9	244	0.92

MYRIAD RBM™

Test Profile	RodentMAP® v3.0
RBM Order	116617
Customer	Philip Morris International Research Laboratories Pte Ltd
Group Designation	Month 8
Study	15015
Investigator	Blaine Phillips
Date Received	14-May-2014

Author	MC
Date	17-Jun-14
Reviewer	NI
Date	19-Jun-14

Samples	50	Mouse	BALF - bronchoalveolar lavage fluid	

	Analytes	Apolipoprotein A-I (Apo A-I)	C-Reactive Protein Mouse (CRP Mouse)	CD40 (CD40)	CD40 Ligand (CD40-L)	Eotaxin	Epidermal Growth Factor Mouse (EGF Mouse)	Fibrinogen	Fibroblast Growth Factor 9 (FGF-9)	Fibroblast Growth Factor basic (FGF-basic)	Granulocyte Chemotactic Protein-2 Mouse (GCP-2 Mouse)	Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF)	Growth Hormone (GH)	Growth-Regulated Alpha Protein (KC/GRO)	Haptoglobin	Immunoglobulin A (IgA)	Insulin	Interferon gamma (IFN-gamma)	Interferon gamma Induced Protein 10 (IP-10)	Interleukin-1 alpha (IL-1 alpha)	Interleukin-1 beta (IL-1 beta)	Interleukin-2 (IL-2)	Interleukin-3 (IL-3)	Interleukin-4 (IL-4)
	Units	ug/mL	ug/mL	pg/mL	pg/mL	pg/mL	pg/mL	ug/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL	ng/mL	ug/mL	ug/mL	uIU/mL	pg/mL	pg/mL	pg/mL	ng/mL	pg/mL	pg/mL	pg/mL
	Myriad RBM LDD	0.10	0.0038	1.3	74	0.76	4.0	1.2	1.0	2.2	0.0011	0.80	0.38	0.014	0.040	0.37	0.83	7.7	6.3	22	0.56	8.9	0.81	16
	Myriad RBM LLOQ	0.15	0.011	2.5	86	1.5	4.3	2.5	0.91	2.8	0.0021	1.1	0.31	0.013	2.6	0.26	1.3	38	18	9.9	0.63	19	0.60	45
	Samples																							
1	**920441**	0.72	0.024	5.4	6100	6.9	22	6.7	1.8	3.5	0.82	4.9	0.97	0.061	3.0	13	6.8	<38	<18	178	1.8	<19	<0.60	<45
2	**920119**	0.17	<0.011	<2.5	115	3.3	<4.3	<2.5	<0.91	<2.8	0.099	<1.1	0.88	<0.013	2.8	<0.26	6.9	<38	<18	12	<0.63	<19	<0.60	<45
3	**920868**	0.20	0.011	<2.5	165	2.6	<4.3	6.6	<0.91	<2.8	0.31	<1.1	0.59	<0.013	2.8	3.2	5.8	<38	<18	<9.9	<0.63	<19	<0.60	<45
4	**920303**	<0.15	0.011	<2.5	273	<1.5	<4.3	3.8	<0.91	<2.8	0.12	<1.1	0.90	<0.013	2.8	1.2	5.7	<38	<18	<9.9	<0.63	<19	<0.60	<45
5	**921074**	<0.15	<0.011	<2.5	140	<1.5	<4.3	<2.5	<0.91	<2.8	0.11	<1.1	1.0	<0.013	2.8	<0.26	7.9	<38	<18	12	<0.63	<19	<0.60	<45
6	**920720**	0.18	0.030	5.4	6180	6.3	18	7.2	2.5	4.0	0.97	9.8	0.81	0.082	2.8	5.5	6.3	<38	<18	262	2.0	<19	<0.60	<45
7	**920233**	0.16	0.013	<2.5	115	5.6	<4.3	3.1	<0.91	<2.8	0.13	<1.1	0.69	<0.013	2.8	0.37	5.4	<38	<18	25	<0.63	<19	<0.60	<45
8	**921022**	0.24	0.024	4.5	7130	5.4	16	4.9	2.1	3.0	0.76	6.6	0.73	0.039	2.8	6.1	4.6	44	<18	276	1.4	<19	<0.60	<45
9	**920713**	<0.15	<0.011	<2.5	127	<1.5	<4.3	5.0	<0.91	<2.8	0.13	<1.1	0.65	<0.013	2.8	<0.26	7.2	<38	<18	12	<0.63	<19	<0.60	<45
10	**920444**	0.41	0.039	4.7	9700	6.0	12	11	2.5	<2.8	0.64	4.2	0.79	0.046	2.9	17	5.9	<38	<18	269	0.95	<19	<0.60	<45
11	**920900**	<0.15	<0.011	<2.5	191	<1.5	<4.3	4.1	<0.91	<2.8	0.11	<1.1	0.71	<0.013	2.7	0.28	6.6	<38	<18	24	<0.63	<19	<0.60	<45
12	**920496**	0.17	0.011	<2.5	140	<1.5	<4.3	4.4	<0.91	<2.8	0.29	<1.1	0.92	<0.013	2.8	1.7	6.3	<38	<18	15	<0.63	<19	<0.60	<45
13	**920755**	0.21	0.011	<2.5	90	<1.5	<4.3	4.1	<0.91	<2.8	0.17	<1.1	0.81	<0.013	2.9	0.37	6.9	<38	<18	18	<0.63	<19	<0.60	<45
14	**920825**	0.18	0.013	<2.5	90	<1.5	<4.3	7.2	<0.91	<2.8	0.095	<1.1	0.86	<0.013	2.7	0.86	7.4	<38	<18	15	<0.63	<19	<0.60	<45
15	**921066**	<0.15	<0.011	<2.5	140	2.4	<4.3	4.6	<0.91	<2.8	0.20	<1.1	0.90	<0.013	2.8	1.0	6.1	<38	<18	20	<0.63	<19	<0.60	<45
16	**920555**	<0.15	0.011	<2.5	<86	2.0	<4.3	3.7	<0.91	<2.8	0.12	<1.1	0.69	<0.013	2.8	0.33	5.0	<38	<18	18	<0.63	<19	<0.60	<45
17	**920319**	<0.15	<0.011	<2.5	<86	<1.5	<4.3	3.0	<0.91	<2.8	0.16	<1.1	0.69	<0.013	2.8	0.31	7.6	<38	<18	16	<0.63	<19	<0.60	<45
18	**920307**	0.19	0.012	<2.5	90	2.2	<4.3	5.3	<0.91	<2.8	0.090	<1.1	0.79	<0.013	3.0	0.65	5.9	<38	<18	18	<0.63	<19	<0.60	<45
19	**920088**	0.21	0.011	<2.5	<86	<1.5	<4.3	5.2	<0.91	<2.8	0.086	<1.1	0.59	<0.013	2.8	0.29	6.1	<38	<18	<9.9	<0.63	<19	<0.60	<45
20	**920227**	0.43	0.015	<2.5	<86	2.5	<4.3	6.9	<0.91	<2.8	0.031	<1.1	0.75	<0.013	2.8	1.0	4.8	<38	<18	12	<0.63	<19	<0.60	<45
21	**920299**	<0.15	<0.011	<2.5	115	<1.5	<4.3	5.2	<0.91	<2.8	0.14	<1.1	0.99	<0.013	2.8	0.27	6.8	<38	<18	12	<0.63	<19	<0.60	<45
22	**921053**	<0.15	0.011	<2.5	<86	<1.5	<4.3	3.0	<0.91	<2.8	0.054	<1.1	0.83	<0.013	2.8	<0.26	7.3	<38	<18	<9.9	<0.63	<19	<0.60	<45
23	**921006**	0.25	0.038	5.8	7070	7.2	11	10	1.8	<2.8	0.56	<1.1	0.71	0.015	2.9	33	4.8	<38	<18	161	0.95	<19	<0.60	<45
24	**920425**	<0.15	<0.011	<2.5	115	1.7	<4.3	4.1	<0.91	<2.8	0.17	<1.1	0.69	<0.013	2.8	0.53	5.0	<38	<18	18	<0.63	<19	<0.60	<45
25	**920320**	0.20	0.013	<2.5	<86	3.5	<4.3	6.6	<0.91	<2.8	0.046	<1.1	0.71	<0.013	2.8	0.53	7.4	<38	<18	15	<0.63	<19	<0.60	<45
26	**920248**	0.21	0.012	<2.5	90	2.4	<4.3	5.6	<0.91	<2.8	0.29	<1.1	0.83	<0.013	2.7	1.1	7.0	<38	<18	<9.9	<0.63	<19	<0.60	<45
27	**920365**	0.24	0.024	4.0	6260	5.9	21	4.9	1.7	<2.8	0.91	6.2	0.63	0.060	2.9	3.6	3.7	53	<18	211	0.95	<19	<0.60	<45
28	**920208**	0.16	0.018	<2.5	<86	<1.5	<4.3	7.8	<0.91	<2.8	0.26	<1.1	0.63	<0.013	2.8	2.5	5.2	<38	<18	11	<0.63	<19	<0.60	<45
29	**920089**	0.25	0.021	<2.5	<86	<1.5	<4.3	6.7	<0.91	<2.8	0.29	<1.1	0.86	<0.013	2.8	1.1	7.4	<38	<18	<9.9	<0.63	<19	<0.60	<45
30	**920963**	0.34	0.026	3.6	2830	5.2	12	4.8	1.3	<2.8	0.71	7.4	0.94	0.061	2.9	1.8	6.8	<38	<18	161	0.95	<19	<0.60	<45
31	**920275**	0.48	0.061	7.7	7240	5.6	13	17	2.2	<2.8	0.87	6.9	0.71	0.074	2.9	20	5.0	39	23	300	0.95	<19	<0.60	<45
32	**920273**	<0.15	<0.011	<2.5	90	<1.5	<4.3	3.9	<0.91	<2.8	0.33	<1.1	0.71	<0.013	2.8	1.1	6.9	<38	<18	15	<0.63	<19	<0.60	<45
33	**920940**	0.29	0.023	3.4	2230	4.0	16	5.6	0.99	<2.8	0.53	2.6	0.79	0.022	2.9	12	7.1	<38	<18	123	1.2	<19	<0.60	<45
34	**921039**	0.18	<0.011	<2.5	<86	<1.5	<4.3	3.0	<0.91	<2.8	0.23	<1.1	0.86	<0.013	2.8	<0.26	7.1	<38	<18	12	<0.63	<19	<0.60	<45
35	**921100**	0.19	<0.011	<2.5	<86	1.5	<4.3	3.7	<0.91	<2.8	0.11	<1.1	0.75	<0.013	2.8	0.28	6.3	<38	<18	12	<0.63	<19	<0.60	<45
36	**920449**	0.34	0.014	<2.5	<86	<1.5	<4.3	3.7	<0.91	<2.8	0.089	<1.1	0.73	<0.013	2.8	0.53	6.6	<38	<18	<9.9	<0.63	<19	<0.60	<45
37	**920575**	<0.15	<0.011	<2.5	95	1.5	<4.3	<2.5	<0.91	<2.8	0.091	<1.1	1.1	<0.013	2.8	<0.26	7.3	<38	<18	19	<0.63	<19	<0.60	<45
38	**920589**	0.32	0.012	<2.5	<86	2.6	<4.3	3.7	<0.91	<2.8	0.11	<1.1	0.85	<0.013	2.9	2.9	5.6	<38	<18	<9.9	<0.63	<19	<0.60	<45
39	**920650**	<0.15	0.013	<2.5	113	1.7	<4.3	5.9	<0.91	<2.8	0.15	1.3	1.0	<0.013	2.8	1.5	5.6	<38	<18	22	<0.63	<19	<0.60	<45
40	**920366**	<0.15	0.013	<2.5	<86	2.4	<4.3	6.2	<0.91	<2.8	0.20	<1.1	0.98	<0.013	2.8	1.4	6.3	<38	<18	<9.9	0.67	<19	<0.60	<45
41	**920403**	0.17	<0.011	<2.5	113	1.9	<4.3	4.3	<0.91	<2.8	0.052	<1.1	1.0	<0.013	2.8	0.30	6.2	<38	<18	<9.9	<0.63	<19	<0.60	<45
42	**920098**	0.39	0.034	6.0	7420	5.8	22	6.7	<0.91	4.4	0.63	1.3	0.85	<0.013	2.8	9.4	5.4	<38	<18	126	1.6	<19	<0.60	<45
43	**920853**	<0.15	0.011	<2.5	151	1.8	<4.3	7.1	<0.91	<2.8	0.15	<1.1	1.1	<0.013	2.8	0.28	6.3	<38	<18	13	<0.63	<19	<0.60	<45
44	**920034**	<0.15	0.013	<2.5	151	1.8	<4.3	4.8	<0.91	<2.8	0.085	<1.1	1.0	<0.013	2.8	0.54	6.3	<38	<18	14	0.67	<19	<0.60	<45
45	**920594**	<0.15	0.011	<2.5	<86	2.8	<4.3	7.6	<0.91	<2.8	0.12	<1.1	1.1	<0.013	2.6	6.4	7.3	<38	<18	22	<0.63	<19	<0.60	<45
46	**920378**	<0.15	0.012	<2.5	113	3.1	<4.3	5.8	<0.91	<2.8	0.092	<1.1	0.94	<0.013	2.8	2.4	5.4	<38	<18	<9.9	<0.63	<19	<0.60	<45
47	**920965**	<0.15	<0.011	<2.5	151	<1.5	<4.3	6.4	<0.91	<2.8	0.093	<1.1	1.1	<0.013	2.8	0.99	5.1	<38	<18	<9.9	<0.63	<19	<0.60	<45
48	**920869**	<0.15	<0.011	<2.5	<86	2.6	<4.3	4.1	<0.91	<2.8	0.11	<1.1	0.85	<0.013	2.8	<0.26	5.4	<38	<18	17	<0.63	<19	<0.60	<45
49	**920137**	<0.15	<0.011	<2.5	<86	1.9	<4.3	5.8	<0.91	<2.8	0.14	<1.1	0.43	<0.013	2.8	0.47	<1.3	<38	<18	14	<0.63	<19	<0.60	<45
50	**920980**	<0.15	0.015	<2.5	<86	2.4	<4.3	5.0	<0.91	<2.8	0.083	<1.1	0.83	<0.013	2.9	<0.26	5.4	<38	<18	13	<0.63	<19	<0.60	<45

Comments

LDD (Least Detectable Dose)-determined as the mean + 3 standard deviations of 20 blank readings. Results below the LDD will be more variable than results above the LDD.

LLOQ (Lower Limit of Quantitation)-lowest concentration of an analyte in a sample that can be reliably detected and at which the total error meets the laboratory's requirements for accuracy. MRBM's requirement for accuracy is the concentration of an analyte at which the coefficient of variation of replicate standard samples is 30%.

MYRIAD RBM™

	Analytes	Interleukin-5 (IL-5)	Interleukin-6 (IL-6)	Interleukin-7 (IL-7)	Interleukin-10 (IL-10)	Interleukin-11 (IL-11)	Interleukin-12 Subunit p70 (IL-12p70)	Interleukin-17A (IL-17A)	Interleukin-18 (IL-18)	Leptin	Leukemia Inhibitory Factor (LIF)	Lymphotactin	Macrophage Colony-Stimulating Factor-1 (M-CSF-1)	Macrophage-Derived Chemokine (MDC)	Macrophage Inflammatory Protein-1alpha (MIP-1 alpha)	Macrophage Inflammatory Protein-1 beta (MIP-1 beta)	Macrophage Inflammatory Protein-1 gamma (MIP-1 gamma)	Macrophage Inflammatory Protein-2 (MIP-2)	Macrophage Inflammatory Protein-3 beta (MIP-3 beta)	Matrix Metalloproteinase-9 (MMP-9)	Monocyte Chemotactic Protein 1 (MCP-1)	Monocyte Chemotactic Protein 3 (MCP-3)	Monocyte Chemotactic Protein-5 (MCP-5)	Myeloperoxidase (MPO)
	Units	ng/mL	pg/mL	ng/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	pg/mL	ng/mL	ng/mL	pg/mL	pg/mL	pg/mL	ng/mL
	Myriad RBM LDD	0.086	0.58	0.068	42	13	0.029	0.0042	0.40	0.0052	39	5.5	0.0036	4.2	0.42	54	0.0041	2.4	0.11	0.041	2.4	1.3	0.26	0.096
	Myriad RBM LLOQ	0.15	1.3	0.090	36	30	0.037	0.0029	1.1	0.011	62	8.1	0.0051	13	0.30	56	0.0074	1.8	0.055	0.084	2.1	1.2	0.73	0.13
	Samples																							
1	**920441**	0.34	4.1	<0.090	50	<30	<0.037	<0.0029	8.7	0.054	377	24	1.7	645	2.7	977	4.5	27	0.97	15	355	177	4.3	315
2	**920119**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.053	<62	8.4	0.13	92	<0.30	<56	0.15	2.3	0.13	<0.084	<2.1	2.0	<0.73	0.19
3	**920868**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.7	0.032	121	8.4	0.19	176	0.44	<56	0.34	2.1	0.31	0.28	<2.1	2.5	<0.73	2.0
4	**920303**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.031	67	<8.1	0.14	99	<0.30	<56	0.16	2.3	0.24	0.095	<2.1	2.4	<0.73	0.52
5	**921074**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.044	<62	<8.1	0.10	77	<0.30	<56	0.11	2.3	0.11	<0.084	<2.1	<1.2	<0.73	<0.13
6	**920720**	<0.15	6.5	<0.090	62	<30	<0.037	<0.0029	8.3	0.051	318	26	1.4	620	3.8	1460	5.0	42	0.79	15	680	315	5.8	333
7	**920233**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.040	72	9.5	0.11	113	<0.30	<56	0.30	3.4	0.20	0.26	<2.1	3.8	0.78	1.6
8	**921022**	<0.15	8.7	<0.090	66	<30	<0.037	<0.0029	7.9	0.040	248	23	1.0	442	2.9	1110	4.8	35	0.62	22	530	250	4.7	400
9	**920713**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.040	67	<8.1	0.13	130	<0.30	<56	0.17	2.6	0.11	0.091	<2.1	1.3	<0.73	0.76
10	**920444**	0.16	7.4	<0.090	58	<30	<0.037	<0.0029	7.3	0.044	226	24	1.2	367	3.3	1460	5.6	31	0.52	25	798	372	7.8	496
11	**920900**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.049	<62	<8.1	0.10	55	<0.30	<56	0.20	3.4	0.072	0.56	13	7.3	<0.73	8.9
12	**920496**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.0	0.040	<62	8.4	0.20	123	<0.30	<56	0.31	5.7	0.21	0.55	5.3	8.1	<0.73	4.2
13	**920755**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.038	<62	<8.1	0.12	101	<0.30	<56	0.13	2.8	0.16	0.22	<2.1	1.6	<0.73	0.63
14	**920825**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.040	<62	9.0	0.10	112	<0.30	<56	0.24	<1.8	0.11	<0.084	<2.1	1.6	<0.73	<0.13
15	**921066**	<0.15	<1.3	<0.090	42	<30	<0.037	<0.0029	2.0	0.040	86	9.5	0.10	170	0.34	<56	0.37	<1.8	0.21	<0.084	<2.1	2.0	<0.73	0.38
16	**920555**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.037	<62	9.0	0.10	70	<0.30	<56	0.14	<1.8	0.097	0.093	<2.1	1.5	<0.73	0.34
17	**920319**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.032	<62	9.5	0.10	104	<0.30	<56	0.23	<1.8	0.11	<0.084	<2.1	2.0	<0.73	<0.13
18	**920307**	0.16	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.0	0.032	<62	<8.1	0.11	119	0.44	<56	0.27	2.6	0.12	<0.084	<2.1	1.8	<0.73	0.34
19	**920088**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.030	<62	<8.1	0.15	96	<0.30	<56	0.17	<1.8	0.13	<0.084	<2.1	1.2	<0.73	<0.13
20	**920227**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.025	<62	8.4	0.12	84	<0.30	<56	0.19	2.6	0.097	0.093	<2.1	1.3	<0.73	0.15
21	**920299**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.033	<62	<8.1	0.095	72	<0.30	<56	0.20	<1.8	0.11	0.12	<2.1	<1.2	<0.73	0.61
22	**921053**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.033	<62	<8.1	0.097	81	<0.30	<56	0.12	<1.8	0.084	<0.084	<2.1	<1.2	<0.73	<0.13
23	**921006**	<0.15	2.0	<0.090	58	<30	<0.037	0.0043	7.6	0.036	248	22	1.1	507	1.7	807	5.8	12	0.69	15	393	224	5.2	377
24	**920425**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.028	67	8.4	0.11	171	<0.30	<56	0.19	4.1	0.13	<0.084	<2.1	<1.2	<0.73	<0.13
25	**920320**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.6	0.037	<62	<8.1	0.10	84	<0.30	<56	0.30	2.7	0.11	0.096	<2.1	2.0	<0.73	0.64
26	**920248**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.7	0.043	76	9.5	0.13	116	<0.30	<56	0.30	8.3	0.18	0.23	<2.1	2.0	<0.73	0.78
27	**920365**	0.26	4.7	<0.090	66	<30	<0.037	<0.0029	7.4	0.032	192	24	0.90	451	2.2	1110	4.3	28	0.58	22	335	207	4.6	324
28	**920208**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.9	0.040	67	<8.1	0.26	163	0.44	<56	0.62	4.8	0.18	0.37	16	14	<0.73	3.8
29	**920089**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.7	0.046	86	11	0.14	242	<0.30	<56	0.46	4.2	0.18	0.23	<2.1	1.8	<0.73	2.0
30	**920963**	<0.15	4.5	<0.090	<36	<30	<0.037	<0.0029	6.2	0.039	192	19	0.92	510	1.4	598	4.3	31	0.62	9.6	264	149	3.4	197
31	**920275**	<0.15	11	<0.090	50	<30	<0.037	<0.0029	6.5	0.032	237	29	1.4	462	4.0	2040	5.5	50	0.58	28	936	358	8.3	533
32	**920273**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.6	0.039	86	8.4	0.11	161	0.60	<56	0.48	7.4	0.20	0.21	<2.1	1.8	<0.73	0.71
33	**920940**	<0.15	3.1	<0.090	<36	<30	<0.037	<0.0029	6.8	0.048	159	17	1.0	434	1.5	562	3.5	21	0.52	8.9	233	106	2.6	172
34	**921039**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.033	<62	<8.1	0.10	117	<0.30	<56	0.13	2.8	0.16	<0.084	<2.1	1.6	<0.73	<0.13
35	**921100**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.036	<62	<8.1	0.10	77	<0.30	<56	0.16	<1.8	0.084	<0.084	<2.1	<1.2	<0.73	<0.13
36	**920449**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.038	<62	<8.1	0.12	79	<0.30	<56	0.19	3.7	0.12	0.089	<2.1	1.3	<0.73	0.19
37	**920575**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.051	67	<8.1	0.10	105	0.37	<56	0.15	<1.8	0.12	<0.084	<2.1	<1.2	<0.73	0.19
38	**920589**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.039	<62	<8.1	0.10	102	<0.30	<56	0.20	2.1	0.15	0.13	<2.1	1.4	<0.73	0.47
39	**920650**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.6	0.052	106	<8.1	0.16	177	0.56	<56	0.31	5.4	0.24	0.21	4.1	5.4	<0.73	2.8
40	**920366**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.042	80	<8.1	0.12	104	<0.30	<56	0.19	<1.8	0.15	0.14	<2.1	<1.2	<0.73	0.58
41	**920403**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.057	<62	<8.1	0.086	81	<0.30	<56	0.23	<1.8	0.090	<0.084	<2.1	1.2	<0.73	<0.13
42	**920098**	<0.15	1.9	<0.090	<36	<30	<0.037	<0.0029	7.8	0.056	288	19	1.1	628	1.5	465	5.1	10	0.60	13	211	119	3.2	270
43	**920853**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	0.051	80	<8.1	0.13	140	<0.30	<56	0.24	<1.8	0.12	0.11	<2.1	<1.2	<0.73	0.52
44	**920034**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.4	0.044	67	<8.1	0.13	121	<0.30	<56	0.30	3.2	0.21	<0.084	<2.1	1.6	<0.73	<0.13
45	**920594**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	2.4	0.059	93	<8.1	0.13	247	0.74	<56	0.59	4.3	0.18	0.11	<2.1	<1.2	<0.73	0.60
46	**920378**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.6	0.042	93	27	0.14	125	0.47	<56	0.23	<1.8	0.18	<0.084	<2.1	<1.2	<0.73	0.47
47	**920965**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.9	0.037	80	<8.1	0.10	157	0.37	<56	0.41	2.7	0.15	0.093	<2.1	1.4	<0.73	0.69
48	**920869**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.3	0.042	<62	<8.1	0.11	83	0.37	<56	0.21	<1.8	0.12	<0.084	<2.1	1.4	<0.73	<0.13
49	**920137**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	<1.1	<0.011	67	<8.1	0.11	168	0.37	<56	0.37	5.4	0.15	<0.084	<2.1	<1.2	<0.73	0.34
50	**920980**	<0.15	<1.3	<0.090	<36	<30	<0.037	<0.0029	1.4	0.047	<62	<8.1	0.097	95	<0.30	<56	0.25	<1.8	0.062	<0.084	<2.1	1.4	<0.73	0.15

MYRIAD RBM™

		Analytes	Myoglobin	Oncostatin-M (OSM)	Plasminogen Activator Inhibitor 1 (PAI-1)	Resistin	Serum Amyloid P-Component (SAP)	Stem Cell Factor (SCF)	T-Cell-Specific Protein RANTES (RANTES)	Thrombopoietin	Tissue Inhibitor of Metalloproteinases 1 Mouse (TIMP-1 Mouse)	Tumor Necrosis Factor alpha (TNF-alpha)	Vascular Cell Adhesion Molecule-1 (VCAM-1)	Vascular Endothelial Growth Factor A (VEGF-A)	von Willebrand factor (vWF)
		Units	ng/mL	ng/mL	ng/mL	ng/mL	ug/mL	pg/mL	pg/mL	ng/mL	ng/mL	ng/mL	ng/mL	pg/mL	ng/mL
		Myriad RBM LDD	0.029	0.050	0.0030	0.0026	0.032	79	0.0049	1.2	0.014	0.014	0.030	32	0.27
		Myriad RBM LLOQ	0.092	0.081	0.0068	0.0077	0.045	83	0.012	3.0	0.015	0.022	0.060	21	0.36
	Samples														
1	920441		0.44	<0.081	0.55	0.031	0.15	203	<0.012	12	0.065	0.023	14	825	5.6
2	920119		0.48	<0.081	0.36	0.027	0.059	<83	<0.012	<3.0	0.020	<0.022	2.2	349	0.68
3	920868		0.58	<0.081	0.16	0.022	0.073	<83	<0.012	<3.0	0.025	<0.022	4.5	237	1.4
4	920303		0.23	<0.081	0.28	0.015	0.050	<83	<0.012	<3.0	0.017	<0.022	5.2	187	1.1
5	921074		<0.092	<0.081	0.19	0.029	<0.045	<83	<0.012	<3.0	<0.015	<0.022	1.5	316	0.64
6	920720		0.90	0.12	0.61	0.024	0.15	273	<0.012	12	0.098	0.023	17	1040	6.4
7	920233		0.95	<0.081	0.24	0.018	0.071	<83	<0.012	<3.0	0.031	<0.022	2.7	333	0.93
8	921022		0.35	0.10	0.48	0.015	0.12	246	<0.012	11	0.080	<0.022	16	1050	6.2
9	920713		<0.092	<0.081	0.16	0.020	0.053	<83	<0.012	<3.0	0.017	<0.022	3.0	326	1.0
10	920444		0.97	0.12	0.66	0.027	0.20	273	<0.012	7.3	0.086	0.023	19	1010	6.3
11	920900		1.5	<0.081	0.23	0.022	0.049	<83	<0.012	<3.0	0.019	<0.022	1.8	210	0.72
12	920496		0.18	<0.081	0.25	0.020	0.061	<83	<0.012	<3.0	0.019	<0.022	3.8	359	1.4
13	920755		0.31	<0.081	0.22	0.027	0.045	<83	<0.012	<3.0	0.018	<0.022	1.7	296	0.79
14	920825		0.54	<0.081	0.33	0.026	0.056	<83	<0.012	<3.0	0.017	<0.022	3.0	209	0.72
15	921066		0.33	<0.081	0.24	0.020	0.069	<83	<0.012	3.6	0.024	<0.022	2.0	354	1.2
16	920555		0.34	<0.081	0.15	0.015	0.062	<83	<0.012	<3.0	0.016	<0.022	1.5	284	0.75
17	920319		0.53	<0.081	0.24	0.026	<0.045	<83	<0.012	<3.0	<0.015	<0.022	1.7	225	0.72
18	920307		0.40	<0.081	0.21	0.018	0.068	<83	<0.012	<3.0	0.019	<0.022	2.7	183	0.86
19	920088		0.87	<0.081	0.25	0.022	0.051	<83	<0.012	<3.0	0.016	<0.022	1.8	298	0.68
20	920227		0.37	<0.081	0.17	0.017	0.092	<83	<0.012	<3.0	<0.015	<0.022	3.7	375	0.64
21	920299		2.7	<0.081	0.23	0.027	0.069	<83	<0.012	<3.0	<0.015	<0.022	1.7	261	0.86
22	921053		<0.092	<0.081	0.16	0.025	<0.045	<83	<0.012	<3.0	<0.015	<0.022	1.8	235	0.72
23	921006		0.28	<0.081	0.84	0.015	0.18	183	<0.012	11	0.068	<0.022	19	881	5.0
24	920425		0.16	<0.081	0.20	0.017	0.050	<83	<0.012	<3.0	0.018	<0.022	1.5	342	1.0
25	920320		0.97	<0.081	0.23	0.022	0.084	<83	<0.012	<3.0	0.024	<0.022	3.6	218	0.51
26	920248		5.0	<0.081	0.24	0.024	0.067	<83	<0.012	<3.0	0.018	<0.022	3.5	256	1.4
27	920365		0.33	0.083	0.41	0.015	0.15	195	<0.012	9.7	0.095	<0.022	12	1050	5.8
28	920208		0.23	<0.081	0.27	0.020	0.086	<83	<0.012	<3.0	0.016	<0.022	7.4	268	1.9
29	920089		<0.092	<0.081	0.21	0.029	0.093	<83	<0.012	<3.0	0.022	<0.022	5.4	203	1.8
30	920963		2.4	<0.081	0.56	0.027	0.15	132	<0.012	11	0.085	<0.022	9.0	1110	4.5
31	920275		0.55	0.11	0.67	0.017	0.33	304	<0.012	10	0.085	<0.022	19	1270	7.5
32	920273		0.58	<0.081	0.24	0.019	<0.045	<83	<0.012	<3.0	0.020	<0.022	3.5	246	1.5
33	920940		0.36	<0.081	0.53	0.024	0.11	96	<0.012	7.9	0.044	<0.022	11	656	3.8
34	921039		0.093	<0.081	0.18	0.027	0.047	<83	<0.012	<3.0	<0.015	<0.022	1.9	340	1.0
35	921100		0.34	<0.081	0.23	0.020	<0.045	<83	<0.012	<3.0	<0.015	<0.022	1.4	209	0.64
36	920449		0.34	<0.081	0.22	0.022	0.072	<83	<0.012	<3.0	<0.015	<0.022	4.7	326	0.93
37	920575		0.22	<0.081	0.24	0.024	<0.045	<83	<0.012	<3.0	0.016	<0.022	1.7	351	0.61
38	920589		0.33	<0.081	0.24	0.029	<0.045	<83	<0.012	<3.0	0.016	<0.022	2.3	195	0.74
39	920650		0.14	<0.081	0.24	0.026	0.061	<83	<0.012	<3.0	0.017	<0.022	2.2	296	1.0
40	920366		0.11	<0.081	0.24	0.022	0.054	<83	<0.012	<3.0	0.021	<0.022	2.7	251	1.5
41	920403		0.21	<0.081	0.29	0.026	<0.045	<83	<0.012	<3.0	<0.015	<0.022	1.2	211	0.43
42	920098		0.68	<0.081	0.72	0.025	0.16	85	<0.012	9.5	0.054	<0.022	18	627	5.3
43	920853		0.19	<0.081	0.23	0.024	<0.045	<83	<0.012	<3.0	0.017	<0.022	1.6	312	1.0
44	920034		0.28	<0.081	0.37	0.024	<0.045	<83	<0.012	<3.0	0.016	<0.022	3.7	243	0.86
45	920594		0.27	<0.081	0.51	0.031	0.057	<83	<0.012	<3.0	0.017	<0.022	5.1	323	1.5
46	920378		0.34	<0.081	0.22	0.024	0.074	<83	<0.012	<3.0	0.017	<0.022	4.2	172	0.78
47	920965		0.45	<0.081	0.34	0.025	0.046	<83	<0.012	<3.0	<0.015	<0.022	3.6	240	1.2
48	920869		0.41	<0.081	0.22	0.021	<0.045	<83	<0.012	<3.0	<0.015	<0.022	2.5	232	0.86
49	920137		0.21	<0.081	0.11	<0.0077	<0.045	<83	<0.012	<3.0	0.018	<0.022	2.3	325	1.1
50	920980		0.68	<0.081	0.23	0.022	0.070	<83	<0.012	<3.0	<0.015	<0.022	1.8	261	0.95