

SourceDataforFigure3A — Edited

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

GraphPad Prism 8

Search

▼ Data Tables >>

- Table format: Grouped
- Fold change controls time XO
- + New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- + New Info...

▼ Results >>

- Transpose of Fold change control
- Transform of Fold change control
- Ordinary one-way ANOVA of Tran
- + New Analysis...

▼ Graphs >>

- Fold change controls time XO NO
- + New Graph...

► Layouts >>

Table format: Grouped		Group B			Group C			Group D			Group E			Group F		
		IL-6			IL-10			TNF			Title			Title		
		B:Y1	B:Y2	B:Y3	C:Y1	C:Y2	C:Y3	D:Y1	D:Y2	D:Y3	E:Y1	E:Y2	E:Y3	F:Y1	F:Y2	F:Y3
2	1		0.6965318	0.2891498		0.000000	1.000000		0.9116279	0.5938449						
3	3		0.8179191	0.5349642		0.990741	1.000000		1.2046510	0.5460643						
4	5		1.3251450	0.6650730		0.000000	1.000000		1.7054260	1.2442400						
5	15	179.4418000	3.3887280	2.7436870	5.098425	0.000000	1.000000	177.3067000	3.7271320	5.6027210						
6	30	224.6579000	6.6026010	2.1013770	7.485549	1.203704	1.000000	158.4269000	7.6310080	5.3370140						
7	60	916.8219000	10.7933500	1.0026620	3.990610	1.185185	1.000000	111.1200000	14.0573600	4.8587770						
8	Title															
9	Title															
10	Title															
11	Title															
12	Title															
13	Title															
14	Title															
15	Title															
16	Title															
17	Title															
18	Title															
19	Title															
20	Title															
21	Title															
22	Title															
23	Title															
24	Title															
25	Title															
26	Title															
27	Title															
28	Title															
29	Title															
30	Title															
31	Title															
32	Title															
33	Title															
34	Title															
35	Title															
36	Title															

Fold change controls time XO

Row 11, C: IL-10

SourceDataforFigure3A — Edited

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help

Prism 8

Search

▼ Data Tables

- Fold change controls time XO
- New Data Table...

▼ Info

- Project info 1
- Project info 1
- New Info...

▼ Results

- Transpose of Fold change control
- Transform of Fold change control
- Ordinary one-way ANOVA of Tran
- New Analysis...

▼ Graphs

- Fold change controls time XO NO 2
- New Graph...

► Layouts

	Transpose	A			B			C			D			E			F			G		
		0			1			3			5			15			30			60		
		A:Y1	A:Y2	A:Y3	B:Y1	B:Y2	B:Y3	C:Y1	C:Y2	C:Y3	D:Y1	D:Y2	D:Y3	E:Y1	E:Y2	E:Y3	F:Y1	F:Y2	F:Y3	G:Y1	G:Y2	G:Y3
2	IL-6	1.000	1.000	1.000		0.697	0.289		0.818	0.535		1.325	0.665	179.442	3.389	2.744	224.658	6.603	2.101	916.822	10.793	1.003
3	IL-10	1.000	1.000	1.000		0.000	1.000		0.991	1.000		0.000	1.000	5.098	0.000	1.000	7.486	1.204	1.000	3.991	1.185	1.000
4	TNF	1.000	1.000	1.000		0.912	0.594		1.205	0.546		1.705	1.244	177.307	3.727	5.603	158.427	7.631	5.337	111.120	14.057	4.859
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
32																						
33																						
34																						
35																						
36																						

Transpose of Fold change controls time XO | Row 1, A: 0

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help

10 Arial

		A			B			C			D			E			F			G			
		0			1			3			5			15			30			60			
	Transform	A:Y1	A:Y2	A:Y3	B:Y1	B:Y2	B:Y3	C:Y1	C:Y2	C:Y3	D:Y1	D:Y2	D:Y3	E:Y1	E:Y2	E:Y3	F:Y1	F:Y2	F:Y3	G:Y1	G:Y2	G:Y3	H:Y1
1	IL-1beta	0.000	0.000	0.000		0.000	-0.012		0.000	0.014		0.000	0.005	0.907	0.000	0.290	0.670	0.000	0.007	0.637	0.000	0.016	
2	IL-6	0.000	0.000	0.000		-0.157	-0.539		-0.087	-0.272		0.122	-0.177	2.254	0.530	0.438	2.352	0.820	0.323	2.962	1.033	0.001	
3	IL-10	0.000	0.000	0.000			0.000		-0.004	0.000			0.000	0.707	0.000	0.000	0.874	0.081	0.000	0.601	0.074	0.000	
4	TNF	0.000	0.000	0.000		-0.040	-0.226		0.081	-0.263		0.232	0.095	2.249	0.571	0.748	2.200	0.883	0.727	2.046	1.148	0.687	
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24																							
25																							
26																							
27																							
28																							
29																							
30																							
31																							
32																							
33																							
34																							
35																							

SourceDataforFigure3A — Edited

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help

Prism 8

Search ANOVA results Multiple comparisons

▼ Data Tables >>

- Fold change controls time XO
- New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- New Info...

▼ Results >>

- Transpose of Fold change control
- Transform of Fold change control
- Ordinary one-way ANOVA of Tran
- New Analysis...

▼ Graphs >>

- Fold change controls time XO NO 2
- New Graph...

► Layouts >>

Ordinary one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of Fold change controls time XO				
2	Data sets analyzed	A-G				
3						
4	ANOVA summary					
5	F	5.475				
6	P value	0.0015				
7	P value summary	**				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.6100				
10						
11	Brown-Forsythe test					
12	F (DFn, DFd)	55.33 (6, 21)				
13	P value	<0.0001				
14	P value summary	****				
15	Are SDs significantly different (P < 0.05)?	Yes				
16						
17	Bartlett's test					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
24	Treatment (between columns)	4.378	6	0.7297	F (6, 21) = 5.475	P=0.0015
25	Residual (within columns)	2.799	21	0.1333		
26	Total	7.177	27			
27						
28	Data summary					
29	Number of treatments (columns)	7				
30	Number of values (total)	28				
31						
32						
33						

Ordinary one-way ANOVA of Transform of Fo Row 1, Column A

SourceDataforFigure3A — Edited

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help

Prism 8

Search

ANOVA results Multiple comparisons

▼ Data Tables >>
 ◻ Fold change controls time XO
 + New Data Table...

▼ Info >>
 ⓘ Project info 1
 ⓘ Project info 1
 + New Info...

▼ Results >>
 ◻ Transpose of Fold change control
 ◻ Transform of Fold change control
 ◻ Ordinary one-way ANOVA of Tran
 + New Analysis...

▼ Graphs >>
 ◻ Fold change controls time XO NO 2
 + New Graph...

► Layouts >>

Ordinary one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per family	21							
3	Alpha	0.05							
4									
5	Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
6	0 vs. 1	0.1218	-0.7174 to 0.9610	No	ns	0.9990	A-B		
7	0 vs. 3	0.06632	-0.7729 to 0.9055	No	ns	>0.9999	A-C		
8	0 vs. 5	-0.03464	-0.8738 to 0.8045	No	ns	>0.9999	A-D		
9	0 vs. 15	-0.7542	-1.593 to 0.08503	No	ns	0.0969	A-E		
10	0 vs. 30	-0.7446	-1.584 to 0.09459	No	ns	0.1041	A-F		
11	0 vs. 60	-0.7671	-1.606 to 0.07211	No	ns	0.0879	A-G		
12	1 vs. 3	-0.05550	-0.8947 to 0.7837	No	ns	>0.9999	B-C		
13	1 vs. 5	-0.1565	-0.9956 to 0.6827	No	ns	0.9959	B-D		
14	1 vs. 15	-0.8760	-1.715 to -0.03679	Yes	*	0.0371	B-E		
15	1 vs. 30	-0.8664	-1.706 to -0.02722	Yes	*	0.0401	B-F		
16	1 vs. 60	-0.8889	-1.728 to -0.04970	Yes	*	0.0333	B-G		
17	3 vs. 5	-0.1010	-0.9401 to 0.7382	No	ns	0.9996	C-D		
18	3 vs. 15	-0.8205	-1.660 to 0.01871	No	ns	0.0581	C-E		
19	3 vs. 30	-0.8109	-1.650 to 0.02827	No	ns	0.0626	C-F		
20	3 vs. 60	-0.8334	-1.673 to 0.005794	No	ns	0.0524	C-G		
21	5 vs. 15	-0.7195	-1.559 to 0.1197	No	ns	0.1252	D-E		
22	5 vs. 30	-0.7099	-1.549 to 0.1292	No	ns	0.1341	D-F		
23	5 vs. 60	-0.7324	-1.572 to 0.1068	No	ns	0.1139	D-G		
24	15 vs. 30	0.009566	-0.8296 to 0.8487	No	ns	>0.9999	E-F		
25	15 vs. 60	-0.01291	-0.8521 to 0.8263	No	ns	>0.9999	E-G		
26	30 vs. 60	-0.02248	-0.8617 to 0.8167	No	ns	>0.9999	F-G		
27									
28	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
29	0 vs. 1	0.000	-0.1218	0.1218	0.2581	4	4	0.6674	21
30	0 vs. 3	0.000	-0.06632	0.06632	0.2581	4	4	0.3633	21
31	0 vs. 5	0.000	0.03464	-0.03464	0.2581	4	4	0.1898	21
32	0 vs. 15	0.000	0.7542	-0.7542	0.2581	4	4	4.131	21
33	0 vs. 30	0.000	0.7446	-0.7446	0.2581	4	4	4.079	21

Ordinary one-way ANOVA of Transform of Fo Row 1, Column A

SourceDataforFigure3A — Edited

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help

Prism 8

Search

ANOVA results Multiple comparisons

▼ Data Tables

- Fold change controls time XO
- New Data Table...

▼ Info

- Project info 1
- Project info 1
- New Info...

▼ Results

- Transpose of Fold change control
- Transform of Fold change control
- Ordinary one-way ANOVA of Tran
- New Analysis...

▼ Graphs

- Fold change controls time XO NO 2
- New Graph...

► Layouts

	Ordinary one-way ANOVA								
	Multiple comparisons								
27									
28	Test details	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF	
29	0 vs. 1	-0.1218	0.1218	0.2581	4	4	0.6674	21	
30	0 vs. 3	-0.06632	0.06632	0.2581	4	4	0.3633	21	
31	0 vs. 5	0.03464	-0.03464	0.2581	4	4	0.1898	21	
32	0 vs. 15	0.7542	-0.7542	0.2581	4	4	4.131	21	
33	0 vs. 30	0.7446	-0.7446	0.2581	4	4	4.079	21	
34	0 vs. 60	0.7671	-0.7671	0.2581	4	4	4.202	21	
35	1 vs. 3	-0.06632	-0.05550	0.2581	4	4	0.3040	21	
36	1 vs. 5	0.03464	-0.1565	0.2581	4	4	0.8571	21	
37	1 vs. 15	0.7542	-0.8760	0.2581	4	4	4.799	21	
38	1 vs. 30	0.7446	-0.8664	0.2581	4	4	4.746	21	
39	1 vs. 60	0.7671	-0.8889	0.2581	4	4	4.870	21	
40	3 vs. 5	0.03464	-0.1010	0.2581	4	4	0.5531	21	
41	3 vs. 15	0.7542	-0.8205	0.2581	4	4	4.495	21	
42	3 vs. 30	0.7446	-0.8109	0.2581	4	4	4.442	21	
43	3 vs. 60	0.7671	-0.8334	0.2581	4	4	4.566	21	
44	5 vs. 15	0.7542	-0.7195	0.2581	4	4	3.942	21	
45	5 vs. 30	0.7446	-0.7099	0.2581	4	4	3.889	21	
46	5 vs. 60	0.7671	-0.7324	0.2581	4	4	4.012	21	
47	15 vs. 30	0.7446	0.009566	0.2581	4	4	0.05240	21	
48	15 vs. 60	0.7671	-0.01291	0.2581	4	4	0.07074	21	
49	30 vs. 60	0.7671	-0.02248	0.2581	4	4	0.1231	21	
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									

Ordinary one-way ANOVA of Transform of Fo

Row 1, Column A

SourceDataforFigure3B

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

Prism8

Search

▼ Data Tables >>

- IL6
- TNF
- XO in well
- XO in DC
- + New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- + New Info...

▼ Results >>

- + New Analysis...

▼ Graphs >>

- IL6
- TNF
- XO in well
- XO in DC
- + New Graph...

► Layouts >>

Family >>

- IL6
- IL6

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group
Grouped		Well	DC	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y
1	Control	19.13	13.40					
2	XO	983.59	1135.34					
3	Title							
4	Title							
5	Title							
6	Title							
7	Title							
8	Title							
9	Title							
10	Title							
11	Title							
12	Title							
13	Title							
14	Title							
15	Title							
16	Title							
17	Title							
18	Title							
19	Title							
20	Title							
21	Title							
22	Title							
23	Title							
24	Title							

IL6

Row 1, Column RT

SourceDataforFigure3B

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

Prism8

Search

▼ Data Tables

- IL6
- TNF**
- XO in well
- XO in DC
- + New Data Table...

▼ Info

- Project info 1
- Project info 1
- + New Info...

▼ Results

- + New Analysis...

▼ Graphs

- IL6
- TNF**
- XO in well
- XO in DC
- + New Graph...

► Layouts

Family

- TNF**
- TNF

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H
		Well	DC	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y
1	Control	3.72	2.62						
2	XO	241.61	248.27						
3	Title								
4	Title								
5	Title								
6	Title								
7	Title								
8	Title								
9	Title								
10	Title								
11	Title								
12	Title								
13	Title								
14	Title								
15	Title								
16	Title								
17	Title								
18	Title								
19	Title								
20	Title								
21	Title								
22	Title								
23	Title								
24	Title								

TNF

Row 1, Column RT

SourceDataforFigure3B

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

Prism8

Q Search

▼ Data Tables >>

- IL6
- TNF
- XO in well**
- XO in DC
- + New Data Table...

▼ Info >>

- Project info 1
- Project info 1
- + New Info...

▼ Results >>

- + New Analysis...

▼ Graphs >>

- IL6
- TNF
- XO in well**
- XO in DC
- + New Graph...

► Layouts >>

Family >>

- XO in well**
- XO in well

	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
	Control	XO	Control	XO	Title	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	1900	1868	1880	55205							
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

XO in well

Row CT, A: Control

SourceDataforFigure3B

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export Print Send LA Help

Prism8

Q Search

▼ Data Tables

- IL6
- TNF
- XO in well
- XO in DC**
- + New Data Table...

▼ Info

- Project info 1
- Project info 1
- + New Info...

▼ Results

- + New Analysis...

▼ Graphs

- IL6
- TNF
- XO in well
- XO in DC**
- + New Graph...

► Layouts

Family

- XO in DC**
- XO in DC

	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
	Control	XO	Control	XO	Title	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	2012	120220	1924	2238							
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

XO in DC

Row CT, C: Control