

SourceDataforFigure2A — Edited

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Prism 8

Search

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
		Donor 1	Donor 2	Donor 3	Donor 4	Donor 5	Donor 6	Donor 7	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y			
1	Control	1.000000	1.000000	1.000000	1.000000	1.000000	1.00	1.00				
2	RBCL	0.961616	2.032318	0.651576	1.829546	3.805310	1.00	2.99				
3	IRBCL	6.992323	2.445283	3.468068	6.301137	3.094395	10.43	10.30				
4	XO	80.839120	14.491010	69.353270	255.875000	337.876100	222.94	264.93				
5	LPS	308.201300	55.278760	789.660500	910.409100	888.811200	667.56	1372.37				
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24	Title											
25	Title											
26	Title											

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- TNF
  - Transpose
    - Transform of TNF
      - RM one-way ANOVA

TNF

Row 9, F: Donor 6

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Search

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
		Donor 1	Donor 2	Donor 3	Donor 4	Donor 5	Donor 6	Donor 7	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000	1.000000	1.000000	1.00	1.00	1.00	1.00				
2	RBCL	0.698930	5.314219	0.833887	2.36	19.45	1.00	1.00				
3	IRBCL	0.959051	5.442364	0.963455	2.96	12.28	6.64	9.38				
4	XO	58.953000	287.262700	60.880400	1312.52	3176.95	1051.82	899.22				
5	LPS	813.036700	991.386800	2328.126000	5126.32	10896.21	3265.93	5290.13				
6	Title											
7	Title											
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25	Title											
26	Title											

▼ Data Tables

- TNF
- IL-6**
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6**
- Transform of IL-6**
- RM one-way ANOVA of Transform of IL-6**
- Transpose of IL-10

Family

- IL-6**
  - Transpose
  - Transform of IL-6
  - RM one-way ANOVA
- IL-6

IL-6

Row 1, Column RT

SourceDataforFigure2A — Edited

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Prism8

Search

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	Donor 4	Donor 5	Donor 6	Donor 7	Title	Title	Title	Title	
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
1	Control	1.000000	1.000000	1.000000	1.00	1.00	1.00	1.00					
2	RBCL	0.821862	2.070681	1.727273	1.00	2.51	1.00	1.00					
3	IRBCL	3.082996	2.717278	1.409091	1.00	2.41	1.00	2.08					
4	XO	13.963560	5.479058	3.954546	5.76	18.80	4.55	6.15					
5	LPS	35.054660	103.672800	80.272730	33.74	35.26	4.92	13.71					
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26	Title												

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- IL-10
  - Transpose
  - Transform of IL-10
    - RM one-way ANOVA
- IL-10

IL-10

Row 1, Column RT

SourceDataforFigure2A — Edited

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Prism8

Search

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	Donor 4	Donor 5	Donor 6	Donor 7	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.00	1.000000	1.000000	1.00	1.00	1.00	1.00					
2	RBCL	1.00	6.487088	1.000000	1.00	1.00	1.00	1.00					
3	IRBCL	1.00	3.740610	1.000000	1.00	1.00	1.00	1.00					
4	XO	38.45	7.575117	1.000000	29.88	20.48	19.94	6.03					
5	LPS	86.73	46.471830	9.880000	29.88	20.48	19.94	6.03					
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▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta**
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- IL-1beta**
  - Transpose
  - Transform of IL-1beta
  - RM one-way ANOVA
- IL-1beta

IL-1beta

Row 1, Column RT

SourceDataforFigure2A — Edited

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Prism 8

Search

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- TNF
- Transpose
- Transform of TNF
- RM one-way ANOVA

Transpose		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	0.962	6.992	80.839	308.201						
2	Donor 2	1.000	2.032	2.445	14.491	55.279						
3	Donor 3	1.000	0.652	3.468	69.353	789.661						
4	Donor 4	1.000	1.830	6.301	255.875	910.409						
5	Donor 5	1.000	3.805	3.094	337.876	888.811						
6	Donor 6	1.000	1.000	10.430	222.940	667.560						
7	Donor 7	1.000	2.990	10.300	264.930	1372.370						
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Transpose of TNF

Row 5, B: RBCL

		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	-0.017	0.845	1.908	2.489						
2	Donor 2	0.000	0.308	0.388	1.161	1.743						
3	Donor 3	0.000	-0.186	0.540	1.841	2.897						
4	Donor 4	0.000	0.262	0.799	2.408	2.959						
5	Donor 5	0.000	0.580	0.491	2.529	2.949						
6	Donor 6	0.000	0.000	1.018	2.348	2.824						
7	Donor 7	0.000	0.476	1.013	2.423	3.137						
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Transform:  
Y=Log(Y)

SourceDataforFigure2A — Edited

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10 Arial

Prism8

Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF**
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- TNF
- Transpose
- Transform of TNF
- RM one-way ANOVA**

RM one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of TNF				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	122.3				
6	P value	<0.0001				
7	P value summary	****				
8	Statistically significant (P < 0.05)?	Yes				
9	Geisser-Greenhouse's epsilon	0.5066				
10	R square	0.9532				
11						
12	<b>Was the matching effective?</b>					
13	F	3.382				
14	P value	0.0146				
15	P value summary	*				
16	Is there significant matching (P < 0.05)?	Yes				
17	R square	0.03804				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	40.07	4	10.02	F (2.026, 12.16) = 122.3	P<0.0001
21	Individual (between rows)	1.662	6	0.2770	F (6, 24) = 3.382	P=0.0146
22	Residual (random)	1.966	24	0.08190		
23	Total	43.69	34			
24						
25	<b>Data summary</b>					

RM one-way ANOVA of Transform of TNF Row 1, Column A

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF**
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10

Family

- TNF
- Transpose
- Transform of TNF
- RM one-way ANOVA**

RM one-way ANOVA							
Multiple comparisons							
1	Number of families						
2	Number of comparisons per family						
3	Alpha						
4							
5	<b>Bonferroni's multiple comparison</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>	<b>B-?</b>	
6	RBCL vs. Control	-0.1701 to 0.5767	No	ns	0.4145	A	Control
7	RBCL vs. iRBCL	-1.060 to 0.01158	No	ns	0.0549	C	iRBCL
8	RBCL vs. XO	-2.523 to -1.247	Yes	***	0.0002	D	XO
9	RBCL vs. LPS	-3.211 to -1.810	Yes	****	<0.0001	E	LPS
10							
11	<b>Test details</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>t</b> <b>DF</b>
12	RBCL vs. Control	0.000	0.2033	0.1060	7	7	1.918 6
13	RBCL vs. iRBCL	0.7277	-0.5244	0.1522	7	7	3.445 6
14	RBCL vs. XO	2.088	-1.885	0.1811	7	7	10.41 6
15	RBCL vs. LPS	2.714	-2.511	0.1989	7	7	12.62 6
16							
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24							
25							

RM one-way ANOVA of Transform of TNF Row 1, Column A



		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	0.699	0.959	58.953	813.037						
2	Donor 2	1.000	5.314	5.442	287.263	991.387						
3	Donor 3	1.000	0.834	0.963	60.880	2328.126						
4	Donor 4	1.000	2.360	2.960	1312.520	5126.320						
5	Donor 5	1.000	19.450	12.280	3176.950	10896.210						
6	Donor 6	1.000	1.000	6.640	1051.820	3265.930						
7	Donor 7	1.000	1.000	9.380	899.220	5290.130						
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26												

		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	-0.156	-0.018	1.771	2.910						
2	Donor 2	0.000	0.725	0.736	2.458	2.996						
3	Donor 3	0.000	-0.079	-0.016	1.784	3.367						
4	Donor 4	0.000	0.373	0.471	3.118	3.710						
5	Donor 5	0.000	1.289	1.089	3.502	4.037						
6	Donor 6	0.000	0.000	0.822	3.022	3.514						
7	Donor 7	0.000	0.000	0.972	2.954	3.723						
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Transform:  
Y=Log(Y)

SourceDataforFigure2A — Edited

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Prism 8

Search ANOVA results Multiple comparisons

Info Project info 1

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6**
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta

Graphs

Family

- IL-6
  - Transpose
  - Transform of IL-6
  - RM one-way ANOVA**

ANOVA results		Multiple comparisons				
<b>RM one-way ANOVA</b>						
ANOVA results						
1	Table Analyzed	Transform of IL-6				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	148.2				
6	P value	<0.0001				
7	P value summary	****				
8	Statistically significant (P < 0.05)?	Yes				
9	Geisser-Greenhouse's epsilon	0.6553				
10	R square	0.9611				
11						
12	<b>Was the matching effective?</b>					
13	F	5.693				
14	P value	0.0009				
15	P value summary	***				
16	Is there significant matching (P < 0.05)?	Yes				
17	R square	0.05247				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	67.73	4	16.93	F (2.621, 15.73) = 148.2	P<0.0001
21	Individual (between rows)	3.902	6	0.6504	F (6, 24) = 5.693	P=0.0009
22	Residual (random)	2.742	24	0.1143		
23	Total	74.38	34			
24						
25	<b>Data summary</b>					

RM one-way ANOVA of Transform of IL-6 Row 1, Column A

SourceDataforFigure2A — Edited

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Prism 8

Search ANOVA results Multiple comparisons

Info Project info 1  
 + New Info...  
 Results  
 Transpose of TNF  
 Transform of TNF  
 RM one-way ANOVA of Transform of TNF  
 Transpose of IL-6  
 Transform of IL-6  
 RM one-way ANOVA of Transform of IL-6  
 Transpose of IL-10  
 Transform of IL-10  
 RM one-way ANOVA of Transform of IL-10  
 Transpose of IL-1beta  
 Transform of IL-1beta  
 RM one-way ANOVA of Transform of IL-1beta  
 + New Analysis...  
 Graphs  
 TNF

Family  
 IL-6  
 Transpose  
 Transform of IL-6  
 RM one-way ANOVA

RM one-way ANOVA		Multiple comparisons						
1	Number of families							
2	Number of comparisons per							
3	Alpha							
4								
5	<b>Bonferroni's multiple comparison</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>	<b>B-?</b>		
6	RBCL vs. Control	-0.3998 to 1.015	No	ns	0.7067	A	Control	
7	RBCL vs. iRBCL	-0.8611 to 0.3173	No	ns	0.6211	C	iRBCL	
8	RBCL vs. XO	-3.078 to -1.624	Yes	***	0.0001	D	XO	
9	RBCL vs. LPS	-3.829 to -2.487	Yes	****	<0.0001	E	LPS	
10								
11	<b>Test details</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>t</b>	<b>DF</b>
12	RBCL vs. Control	0.000	0.3075	0.2009	7	7	1.531	6
13	RBCL vs. iRBCL	0.5795	-0.2719	0.1673	7	7	1.625	6
14	RBCL vs. XO	2.658	-2.351	0.2064	7	7	11.39	6
15	RBCL vs. LPS	3.465	-3.158	0.1905	7	7	16.57	6
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RM one-way ANOVA of Transform of IL-6 Row 1, Column A

SourceDataforFigure2A — Edited

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Prism 8

Search

▼ Info Project info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10**
- Transform of IL-10**
- RM one-way ANOVA of Transform of IL-10**
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-10**
  - Transpose**
    - Transform of IL-10**
      - RM one-way ANOVA**

Transpose		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	0.822	3.083	13.964	35.055						
2	Donor 2	1.000	2.071	2.717	5.479	103.673						
3	Donor 3	1.000	1.727	1.409	3.955	80.273						
4	Donor 4	1.000	1.000	1.000	5.760	33.740						
5	Donor 5	1.000	2.510	2.410	18.800	35.260						
6	Donor 6	1.000	1.000	1.000	4.550	4.920						
7	Donor 7	1.000	1.000	2.080	6.150	13.710						
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Transpose of IL-10

Row 1, A: Control

Transform		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	-0.085	0.489	1.145	1.545						
2	Donor 2	0.000	0.316	0.434	0.739	2.016						
3	Donor 3	0.000	0.237	0.149	0.597	1.905						
4	Donor 4	0.000	0.000	0.000	0.760	1.528						
5	Donor 5	0.000	0.400	0.382	1.274	1.547						
6	Donor 6	0.000	0.000	0.000	0.658	0.692						
7	Donor 7	0.000	0.000	0.318	0.789	1.137						
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24												
25												
26												

Transform:  
Y=Log(Y)

SourceDataforFigure2A — Edited

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Prism8

Search ANOVA results Multiple comparisons

Info Project info 1

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10**
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta

Graphs

Family

- IL-10
  - Transpose
  - Transform of IL-10
  - RM one-way ANOVA**

RM one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL-10				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	49.36				
6	P value	<0.0001				
7	P value summary	****				
8	Statistically significant (P < 0.05)?	Yes				
9	Geisser-Greenhouse's epsilon	0.4940				
10	R square	0.8916				
11						
12	<b>Was the matching effective?</b>					
13	F	2.367				
14	P value	0.0614				
15	P value summary	ns				
16	Is there significant matching (P < 0.05)?	No				
17	R square	0.06027				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	10.71	4	2.678	F (1.976, 11.85) = 49.36	P<0.0001
21	Individual (between rows)	0.7705	6	0.1284	F (6, 24) = 2.367	P=0.0614
22	Residual (random)	1.302	24	0.05426		
23	Total	12.78	34			
24						
25	<b>Data summary</b>					

RM one-way ANOVA of Transform of IL-10 Row 1, Column A

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Prism 8

Search ANOVA results Multiple comparisons

Info Project info 1

New Info...

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10**
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta

New Analysis...

Graphs

- TNF

Family

- IL-10
  - Transpose
  - Transform of IL-10
  - RM one-way ANOVA**

RM one-way ANOVA		Multiple comparisons						
1	Number of families							
2	Number of comparisons per							
3	Alpha							
4								
5	<b>Bonferroni's multiple comp</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>	<b>B-?</b>		
6	RBCL vs. Control	-0.1283 to 0.3763	No	ns	0.5371	A	Control	
7	RBCL vs. iRBCL	-0.4442 to 0.1858	No	ns	0.7955	C	iRBCL	
8	RBCL vs. XO	-1.117 to -0.3389	Yes	**	0.0023	D	XO	
9	RBCL vs. LPS	-1.859 to -0.8559	Yes	***	0.0003	E	LPS	
10								
11	<b>Test details</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>t</b>	<b>DF</b>
12	RBCL vs. Control	0.000	0.1240	0.07166	7	7	1.730	6
13	RBCL vs. iRBCL	0.2532	-0.1292	0.08946	7	7	1.444	6
14	RBCL vs. XO	0.8518	-0.7278	0.1104	7	7	6.590	6
15	RBCL vs. LPS	1.481	-1.357	0.1424	7	7	9.531	6
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

RM one-way ANOVA of Transform of IL-10 Row 1, Column A



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Prism 8

Search

▼ Info Project info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta**
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-1beta**
  - Transpose**
    - Transform of IL-1beta
    - RM one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	1.000	38.450	86.730						
2	Donor 2	1.000	6.487	3.741	7.575	46.472						
3	Donor 3	1.000	1.000	1.000	1.000	9.880						
4	Donor 4	1.000	1.000	1.000	29.880	29.880						
5	Donor 5	1.000	1.000	1.000	20.480	20.480						
6	Donor 6	1.000	1.000	1.000	19.940	19.940						
7	Donor 7	1.000	1.000	1.000	6.030	6.030						
8												
9												
10												
11												
12												
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26												

Transpose of IL-1beta

Row 1, A: Control

Transform		A	B	C	D	E	F	G	H	I	J	K
		Control	RBCL	iRBCL	XO	LPS	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	0.000	1.585	1.938						
2	Donor 2	0.000	0.812	0.573	0.879	1.667						
3	Donor 3	0.000	0.000	0.000	0.000	0.995						
4	Donor 4	0.000	0.000	0.000	1.475	1.475						
5	Donor 5	0.000	0.000	0.000	1.311	1.311						
6	Donor 6	0.000	0.000	0.000	1.300	1.300						
7	Donor 7	0.000	0.000	0.000	0.780	0.780						
8												
9												
10												
11												
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13												
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17												
18												
19												
20												
21												
22												
23												
24												
25												
26												

Transform:  
Y=Log(Y)

SourceDataforFigure2A — Edited

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Prism 8

Search ANOVA results Multiple comparisons

Info Project info 1

New Info...

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta**

New Analysis...

Graphs

- TNF

Family

- IL-1beta
  - Transpose
  - Transform of IL-1beta
  - RM one-way ANOVA**

RM one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL-1beta				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	29.35				
6	P value	0.0001				
7	P value summary	***				
8	Statistically significant (P < 0.05)?	Yes				
9	Geisser-Greenhouse's epsilon	0.4119				
10	R square	0.8303				
11						
12	<b>Was the matching effective?</b>					
13	F	2.243				
14	P value	0.0736				
15	P value summary	ns				
16	Is there significant matching (P < 0.05)?	No				
17	R square	0.08691				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	11.18	4	2.794	F (1.648, 9.885) = 29.35	P=0.0001
21	Individual (between rows)	1.281	6	0.2135	F (6, 24) = 2.243	P=0.0736
22	Residual (random)	2.284	24	0.09519		
23	Total	14.74	34			
24						
25	<b>Data summary</b>					

RM one-way ANOVA of Transform of IL-1beta Row 1, Column A

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Prism 8

Search

ANOVA results Multiple comparisons

Info Project info 1

New Info...

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- RM one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- RM one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform of IL-1beta
- RM one-way ANOVA of Transform of IL-1beta**

New Analysis...

Graphs

- TNF

Family

- IL-1beta
  - Transpose
  - Transform of IL-1beta
  - RM one-way ANOVA**

RM one-way ANOVA		Multiple comparisons							
1	Number of families								
2	Number of comparisons p								
3	Alpha								
4									
5	<b>Bonferroni's multiple co</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>	<b>B-?</b>			
6	RBCL vs. Control	-0.2925 to 0.5245	No	ns	>0.9999	A	Control		
7	RBCL vs. iRBCL	-0.08612 to 0.1544	No	ns	>0.9999	C	iRBCL		
8	RBCL vs. XO	-1.814 to -0.04848	Yes	*	0.0397	D	XO		
9	RBCL vs. LPS	-1.772 to -0.7010	Yes	***	0.0007	E	LPS		
10									
11	<b>Test details</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>t</b>	<b>DF</b>	
12	RBCL vs. Control	0.000	0.1160	0.1160	7	7	1.000	6	
13	RBCL vs. iRBCL	0.08185	0.03416	0.03416	7	7	1.000	6	
14	RBCL vs. XO	1.047	-0.9313	0.2507	7	7	3.715	6	
15	RBCL vs. LPS	1.352	-1.236	0.1520	7	7	8.132	6	
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

RM one-way ANOVA of Transform of IL-1beta Row 1, Column A

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Prism 8

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Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10
- IL-10 line
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- TNF
  - Transpose
    - Transform of TNF
    - Ordinary one-way ANOVA
  - TNF

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000	1.000000	1.000000										
2	Hyx	1.949600	3.797243	5.105093										
3	XO	80.839120	14.491010	69.353270										
4	XO+Hyx	471.302700	29.788120	226.316900										
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													
25	Title													
26	Title													
27	Title													
28	Title													

Row 1, Column RT

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10
- IL-10 line
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- TNF line
- TNF line

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	80.839120	14.491010	69.353270										
2	XO+Hyx	471.302700	29.788120	226.316900										
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													
25	Title													
26	Title													
27	Title													
28	Title													

TNF line

Row 11, Column D

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6**
- IL-6 line
- IL-10
- IL-10 line
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-6**
  - Transpose
    - Transform of IL-6
      - Ordinary one-way ANOVA
  - IL-6

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000	1.000000	1.000000										
2	Hyx	1.849232	1.268578	0.740864										
3	XO	58.953000	287.262700	60.880400										
4	XO+Hyx	439.624900	542.791700	209.010000										
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													
25	Title													
26	Title													
27	Title													
28	Title													

SourceDataforFigure2B — Edited

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Prism 8

Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line**
- IL-10
- IL-10 line
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-6 line**
- IL-6 line

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	58.953000	287.262700	60.880400									
2	XO+Hyx	439.624900	542.791700	209.010000									
3	Title												
4	Title												
5	Title												
6	Title												
7	Title												
8	Title												
9	Title												
10	Title												
11	Title												
12	Title												
13	Title												
14	Title												
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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												

IL-6 line

Row 5, C: Donor 3



SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10**
- IL-10 line
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-10**
  - Transpose
    - Transform of IL-10
      - Ordinary one-way ANOVA
  - IL-10

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000	1.000000	1.000000										
2	Hyx	1.000000	1.000000	1.246753										
3	XO	13.963560	5.479058	3.954546										
4	XO+Hyx	5.927126	41.633510	2.454546										
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													
25	Title													
26	Title													
27	Title													
28	Title													

IL-10

Row 1, Column RT

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10
- IL-10 line**
- IL-1beta
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-10 line**
- IL-10 line

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	13.963560	5.479058	3.954546									
2	XO+Hyx	5.927126	41.633510	2.454546									
3	Title												
4	Title												
5	Title												
6	Title												
7	Title												
8	Title												
9	Title												
10	Title												
11	Title												
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20	Title												
21	Title												
22	Title												
23	Title												
24	Title												
25	Title												
26	Title												
27	Title												
28	Title												

IL-10 line

Row 8, A: Donor 1

SourceDataforFigure2B — Edited

Prism 8

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

Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10
- IL-10 line
- IL-1beta**
- IL-1beta line
- New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-1beta**
  - Transpose
    - Transform IL-1beta
    - Ordinary one-way ANOVA
  - IL-1beta

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000	1.000000	1.000000										
2	Hyx	1.000000	1.111502	1.000000										
3	XO	38.450000	7.575117	1.000000										
4	XO+Hyx	323.750000	59.553980	14.040000										
5	Title													
6	Title													
7	Title													
8	Title													
9	Title													
10	Title													
11	Title													
12	Title													
13	Title													
14	Title													
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21	Title													
22	Title													
23	Title													
24	Title													
25	Title													
26	Title													
27	Title													
28	Title													

IL-1beta

Row 1, Column RT

SourceDataforFigure2B — Edited

Prism 8

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

Q Search

▼ Data Tables

- TNF
- TNF line
- IL-6
- IL-6 line
- IL-10
- IL-10 line
- IL-1beta
- IL-1beta line**
- + New Data Table...

▼ Info

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

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF

Family

- IL-1beta line**
- IL-1beta line

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	38.450000	7.575117	1.000000									
2	XO+Hyx	323.750000	59.553980	14.040000									
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												
25	Title												
26	Title												
27	Title												
28	Title												

IL-1beta line

Row 5, B: Donor 2

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- New Analysis...

▼ Graphs

- TNF

Family

- TNF
  - Transpose
  - Transform of TNF
  - Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L	M
	Transpose	Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.950	80.839	471.303									
2	Donor 2	1.000	3.797	14.491	29.788									
3	Donor 3	1.000	5.105	69.353	226.317									
4														
5														
6														
7														
8														
9														
10														
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26														
27														
28														

Transpose of TNF

Row 7, C: XO

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- ▢ Transpose of TNF
- ▢ Transform of TNF
- ▢ Ordinary one-way ANOVA of Transform of TNF
- ▢ Transpose of IL-6
- ▢ Transform of IL-6
- ▢ Ordinary one-way ANOVA of Transform of IL-6
- ▢ Transpose of IL-10
- ▢ Transform of IL-10
- ▢ Ordinary one-way ANOVA of Transform of IL-10
- ▢ Transpose of IL-1beta
- ▢ Transform IL-1beta
- ▢ Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- ▢ TNF

Family

- ▢ TNF
  - ▢ Transpose
  - ▢ Transform of TNF
  - ▢ Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L
	Transform	Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.290	1.908	2.673								
2	Donor 2	0.000	0.579	1.161	1.474								
3	Donor 3	0.000	0.708	1.841	2.355								
4													
5													
6													
7													
8													
9													
10													
11													
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20													
21													
22													
23													
24													
25													
26													
27													
28													

Transform of TNF Row 11, C: XO

SourceDataforFigure2B — Edited

Prism 8

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

Q Search ANOVA results Multiple comparisons

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF**
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- ⊕ New Analysis...

▼ Graphs

- TNF

Family

- TNF
  - Transpose
    - Transform of TNF
    - Ordinary one-way ANOVA**

Ordinary one-way ANOVA		ANOVA results				
1	Table Analyzed	Transform of TNF				
2	Data sets analyzed	A-D				
3						
4	<b>ANOVA summary</b>					
5	F	19.69				
6	P value	0.0005				
7	P value summary	***				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.8807				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	0.9537 (3, 8)				
13	P value	0.4597				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	8.897	3	2.966	F (3, 8) = 19.69	P=0.0005
25	Residual (within columns)	1.205	8	0.1506		
26	Total	10.10	11			
27						

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

SourceDataforFigure2B — Edited

Prism 8

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

Q Search ANOVA results Multiple comparisons

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF**
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- TNF
  - Transpose
  - Transform of TNF
  - Ordinary one-way ANOVA**

Ordinary one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per	6							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparis</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. Hyx	-0.5258	-1.541 to 0.4889	No	ns	0.4017		A-B	
7	Control vs. XO	-1.637	-2.651 to -0.6219	Yes	**	0.0038		A-C	
8	Control vs. XO+Hyx	-2.167	-3.182 to -1.153	Yes	***	0.0006		A-D	
9	Hyx vs. XO	-1.111	-2.125 to -0.09608	Yes	*	0.0327		B-C	
10	Hyx vs. XO+Hyx	-1.642	-2.656 to -0.6268	Yes	**	0.0037		B-D	
11	XO vs. XO+Hyx	-0.5308	-1.545 to 0.4840	No	ns	0.3944		C-D	
12									
13	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
14	Control vs. Hyx	0.000	0.5258	-0.5258	0.3169	3	3	2.347	8
15	Control vs. XO	0.000	1.637	-1.637	0.3169	3	3	7.304	8
16	Control vs. XO+Hyx	0.000	2.167	-2.167	0.3169	3	3	9.673	8
17	Hyx vs. XO	0.5258	1.637	-1.111	0.3169	3	3	4.958	8
18	Hyx vs. XO+Hyx	0.5258	2.167	-1.642	0.3169	3	3	7.326	8
19	XO vs. XO+Hyx	1.637	2.167	-0.5308	0.3169	3	3	2.369	8
20									
21									
22									
23									
24									
25									
26									
27									

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



SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transform of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6**
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transform of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- New Analysis...

▼ Graphs

- TNF

Family

- IL-6
  - Transpose**
    - Transform of IL-6
    - Ordinary one-way ANOVA

Transpose		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
1	Donor 1	1.000	1.849	58.953	439.625	Y	Y	Y	Y	Y	Y	Y	Y
2	Donor 2	1.000	1.269	287.263	542.792								
3	Donor 3	1.000	0.741	60.880	209.010								
4													
5													
6													
7													
8													
9													
10													
11													
12													
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27													
28													

Transpose of IL-6

Row 1, A: Control

SourceDataforFigure2B — Edited

Prism 8

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

Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-6
  - Transpose
  - Transform of IL-6
  - Ordinary one-way ANOVA

Transform		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.267	1.771	2.643								
2	Donor 2	0.000	0.103	2.458	2.735								
3	Donor 3	0.000	-0.130	1.784	2.320								
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
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24													
25													
26													
27													
28													

Transform of IL-6 Row 11, B: Hyx

SourceDataforFigure2B — Edited

Prism 8

ANOVA results

Multiple comparisons

Search

Info Project Info 1

New Info...

Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6**
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- New Analysis...

Graphs

- TNF

Family

- IL-6
  - Transpose
  - Transform of IL-6
  - Ordinary one-way ANOVA**

Ordinary one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL-6				
2	Data sets analyzed	A-D				
3						
4	<b>ANOVA summary</b>					
5	F	86.05				
6	P value	<0.0001				
7	P value summary	****				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.9699				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	0.5616 (3, 8)				
13	P value	0.6552				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	15.61	3	5.202	F (3, 8) = 86.05	P<0.0001
25	Residual (within columns)	0.4836	8	0.06045		
26	Total	16.09	11			
27						

Ordinary one-way ANOVA of Transform of IL-6

Row 1, Column A

SourceDataforFigure2B — Edited

Prism 8

ANOVA results

Multiple comparisons

Info

Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6**
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

Graphs

- TNF

Family

- IL-6
  - Transpose
  - Transform of IL-6
  - Ordinary one-way ANOVA**

ANOVA results		Multiple comparisons							
<b>Ordinary one-way ANOVA</b>									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per	6							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparison</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. Hyx	-0.08002	-0.7229 to 0.5629	No	ns	0.9771		A-B	
7	Control vs. XO	-2.004	-2.647 to -1.362	Yes	****	<0.0001		A-C	
8	Control vs. XO+Hyx	-2.566	-3.209 to -1.923	Yes	****	<0.0001		A-D	
9	Hyx vs. XO	-1.924	-2.567 to -1.282	Yes	****	<0.0001		B-C	
10	Hyx vs. XO+Hyx	-2.486	-3.129 to -1.843	Yes	****	<0.0001		B-D	
11	XO vs. XO+Hyx	-0.5615	-1.204 to 0.08133	No	ns	0.0886		C-D	
12									
13	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
14	Control vs. Hyx	0.000	0.08002	-0.08002	0.2008	3	3	0.5637	8
15	Control vs. XO	0.000	2.004	-2.004	0.2008	3	3	14.12	8
16	Control vs. XO+Hyx	0.000	2.566	-2.566	0.2008	3	3	18.08	8
17	Hyx vs. XO	0.08002	2.004	-1.924	0.2008	3	3	13.56	8
18	Hyx vs. XO+Hyx	0.08002	2.566	-2.486	0.2008	3	3	17.51	8
19	XO vs. XO+Hyx	2.004	2.566	-0.5615	0.2008	3	3	3.956	8
20									
21									
22									
23									
24									
25									
26									
27									

Ordinary one-way ANOVA of Transform of IL-6

Row 1, Column A

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Prism 8

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Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10**
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- ⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-10
  - Transpose**
    - Transform of IL-10
    - Ordinary one-way ANOVA

Transpose		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	13.964	5.927								
2	Donor 2	1.000	1.000	5.479	41.634								
3	Donor 3	1.000	1.247	3.955	2.455								
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
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27													
28													

Transpose of IL-10

Row 1, A: Control

SourceDataforFigure2B — Edited

Prism 8

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Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10**
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta
- New Analysis...

▼ Graphs

- TNF

Family

- IL-10
  - Transpose
    - Transform of IL-10**
    - Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L
	Transform	Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	1.145	0.773								
2	Donor 2	0.000	0.000	0.739	1.619								
3	Donor 3	0.000	0.096	0.597	0.390								
4													
5													
6													
7													
8													
9													
10													
11													
12													
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14													
15													
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26													
27													
28													

Transform of IL-10 Row 1, A: Control

SourceDataforFigure2B — Edited

Prism 8

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

Q Search ANOVA results Multiple comparisons

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10**
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-10
  - Transpose
    - Transform of IL-10
    - Ordinary one-way ANOVA**

Ordinary one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL-10				
2	Data sets analyzed	A-D				
3						
4	<b>ANOVA summary</b>					
5	F	6.230				
6	P value	0.0173				
7	P value summary	*				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.7003				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	1.862 (3, 8)				
13	P value	0.2144				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	2.242	3	0.7472	F (3, 8) = 6.230	P=0.0173
25	Residual (within columns)	0.9595	8	0.1199		
26	Total	3.201	11			
27						

Ordinary one-way ANOVA of Transform of IL-10 Row 1, Column A

SourceDataforFigure2B — Edited

Prism 8

ANOVA results

Multiple comparisons

Info

Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10**
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

Graphs

- TNF

Family

- IL-10
  - Transpose
  - Transform of IL-10
  - Ordinary one-way ANOVA**

Ordinary one-way ANOVA		Multiple comparisons							
1	Number of families	1							
2	Number of comparisons per	6							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple compari</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. Hyx	-0.03193	-0.9375 to 0.8736	No	ns	0.9994	A-B		
7	Control vs. XO	-0.8269	-1.732 to 0.07861	No	ns	0.0740	A-C		
8	Control vs. XO+Hyx	-0.9274	-1.833 to -0.02188	Yes	*	0.0448	A-D		
9	Hyx vs. XO	-0.7950	-1.701 to 0.1105	No	ns	0.0868	B-C		
10	Hyx vs. XO+Hyx	-0.8955	-1.801 to 0.01005	No	ns	0.0526	B-D		
11	XO vs. XO+Hyx	-0.1005	-1.006 to 0.8051	No	ns	0.9835	C-D		
12									
13	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
14	Control vs. Hyx	0.000	0.03193	-0.03193	0.2828	3	3	0.1597	8
15	Control vs. XO	0.000	0.8269	-0.8269	0.2828	3	3	4.136	8
16	Control vs. XO+Hyx	0.000	0.9274	-0.9274	0.2828	3	3	4.638	8
17	Hyx vs. XO	0.03193	0.8269	-0.7950	0.2828	3	3	3.976	8
18	Hyx vs. XO+Hyx	0.03193	0.9274	-0.8955	0.2828	3	3	4.479	8
19	XO vs. XO+Hyx	0.8269	0.9274	-0.1005	0.2828	3	3	0.5026	8
20									
21									
22									
23									
24									
25									
26									
27									

Ordinary one-way ANOVA of Transform of IL-10

Row 1, Column A



SourceDataforFigure2B — Edited

Prism 8

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

Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta**
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-1beta
  - Transpose**
    - Transform IL-1beta
    - Ordinary one-way ANOVA

Transpose		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
1	Donor 1	1.000	1.000	38.450	323.750	Y	Y	Y	Y	Y	Y	Y	Y
2	Donor 2	1.000	1.112	7.575	59.554								
3	Donor 3	1.000	1.000	1.000	14.040								
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													

Transpose of IL-1beta

Row 1, A: Control

SourceDataforFigure2B — Edited

Prism 8

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

Q Search

▼ Info Project Info 1

⊕ New Info...

▼ Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta**
- Transform IL-1beta**
- Ordinary one-way ANOVA of Transform IL-1beta

⊕ New Analysis...

▼ Graphs

- TNF

Family

- IL-1beta
  - Transpose
  - Transform IL-1beta**
  - Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L
	Transform	Control	Hyx	XO	XO+Hyx	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	1.585	2.510								
2	Donor 2	0.000	0.046	0.879	1.775								
3	Donor 3	0.000	0.000	0.000	1.147								
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													

Transform IL-1beta

Row 1, A: Control

SourceDataforFigure2B — Edited

Prism 8

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

Q Search ANOVA results Multiple comparisons

Info Project Info 1

New Info...

Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta**

New Analysis...

Graphs

- TNF

Family

- IL-1beta
  - Transpose
    - Transform IL-1beta
    - Ordinary one-way ANOVA**

ANOVA results		Multiple comparisons				
<b>Ordinary one-way ANOVA</b>						
ANOVA results						
1	Table Analyzed	Transform IL-1beta				
2	Data sets analyzed	A-D				
3						
4	<b>ANOVA summary</b>					
5	F	8.032				
6	P value	0.0085				
7	P value summary	**				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.7507				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	2.524 (3, 8)				
13	P value	0.1313				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	6.605	3	2.202	F (3, 8) = 8.032	P=0.0085
25	Residual (within columns)	2.193	8	0.2741		
26	Total	8.798	11			
27						

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

SourceDataforFigure2B — Edited

Prism 8

ANOVA results

Multiple comparisons

Info

Results

- Transpose of TNF
- Transform of TNF
- Ordinary one-way ANOVA of Transform of TNF
- Transpose of IL-6
- Transform of IL-6
- Ordinary one-way ANOVA of Transform of IL-6
- Transpose of IL-10
- Transform of IL-10
- Ordinary one-way ANOVA of Transform of IL-10
- Transpose of IL-1beta
- Transform IL-1beta
- Ordinary one-way ANOVA of Transform IL-1beta

Graphs

- TNF

Family

- IL-1beta
  - Transpose
  - Transform IL-1beta
  - Ordinary one-way ANOVA

1	Number of families	1							
2	Number of comparisons p	6							
3	Alpha	0.05							
5	Tukey's multiple compa	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
6	Control vs. Hyx	-0.01530	-1.384 to 1.354	No	ns	>0.9999	A-B		
7	Control vs. XO	-0.8214	-2.190 to 0.5476	No	ns	0.2920	A-C		
8	Control vs. XO+Hyx	-1.811	-3.180 to -0.4418	Yes	*	0.0122	A-D		
9	Hyx vs. XO	-0.8061	-2.175 to 0.5629	No	ns	0.3055	B-C		
10	Hyx vs. XO+Hyx	-1.796	-3.165 to -0.4265	Yes	*	0.0128	B-D		
11	XO vs. XO+Hyx	-0.9894	-2.358 to 0.3796	No	ns	0.1736	C-D		
13	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
14	Control vs. Hyx	0.000	0.01530	-0.01530	0.4275	3	3	0.05063	8
15	Control vs. XO	0.000	0.8214	-0.8214	0.4275	3	3	2.717	8
16	Control vs. XO+Hyx	0.000	1.811	-1.811	0.4275	3	3	5.991	8
17	Hyx vs. XO	0.01530	0.8214	-0.8061	0.4275	3	3	2.667	8
18	Hyx vs. XO+Hyx	0.01530	1.811	-1.796	0.4275	3	3	5.940	8
19	XO vs. XO+Hyx	0.8214	1.811	-0.9894	0.4275	3	3	3.273	8
20									
21									
22									
23									
24									
25									
26									
27									

Ordinary one-way ANOVA of Transform IL-1b

Row 24, Column C

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Text

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Table format: Grouped		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
<b>TNF</b>		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TNF lines	1	Control	1.00	1.000000000	1.000000000								
IL6	2	Feb	1.00	0.215918046	0.436860068								
IL6 lines	3	XO	266.05	77.128447600	378.696245700								
IL10	4	XO+Feb	1.00	0.312056738	108.327645100								
IL10 lines	5	Title											
IL1beta	6	Title											
IL1beta lines	7	Title											
New Data Table...	8	Title											
Info	9	Title											
Project info 1	10	Title											
Project info 1	11	Title											
New Info...	12	Title											
Results	13	Title											
Transpose of TNF	14	Title											
Transform of TNF	15	Title											
RM one-way ANOVA of TNF	16	Title											
Transpose of IL6	17	Title											
Transform of IL6	18	Title											
RM one-way ANOVA of IL6	19	Title											
Transpose of IL10	20	Title											
Family	21	Title											
TNF	22	Title											
Transpose	23	Title											
Transform of TNF	24	Title											
RM one-way ANOVA of TNF	25	Title											
Linear TNF	26	Title											
	27	Title											

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Analyze

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T T A A B I U x<sup>2</sup> x<sub>2</sub>

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Search		Table format:	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
▼ Data Tables >>		Grouped	Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title
TNF			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TNF lines													
1	XO		266.05	77.128447600	378.696245700								
2	XO+Feb		1.00	0.312056738	108.327645100								
3	Title												
4	Title												
5	Title												
6	Title												
7	Title												
▼ Info >>													
8	Title												
9	Title												
10	Title												
▼ Results >>													
11	Title												
12	Title												
13	Title												
14	Title												
15	Title												
16	Title												
17	Title												
Family >>													
18	Title												
19	Title												
20	Title												
21	Title												
22	Title												
23	Title												
24	Title												
25	Title												
26	Title												
27	Title												

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Analyze

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Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.00	1.000000000	1.000									
2	Feb	1.00	0.868525896	1.000									
3	XO	618.89	131.298804800	612.270									
4	XO+Feb	68.52	54.183266930	2020.025									
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												
25	Title												
26	Title												
27	Title												

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

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Text formatting options: Bold, Italic, Underline, etc.

Table format: Grouped		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	1	1	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	618.89	131.298804800	612.270									
2	XO+Feb	68.52	54.183266930	2020.025									
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												
25	Title												
26	Title												
27	Title												



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Table format: Grouped		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.00	1.000000000	1.000000000									
2	Feb	1.00	0.645161290	0.617283951									
3	XO	9.08	1.709677419	39.447530860									
4	XO+Feb	1.00	1.032258065	0.617283951									
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												
25	Title												
26	Title												
27	Title												

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Table format: Grouped		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
▼ Data Tables		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TNF													
TNF lines	1	XO	9.08	1.709677419	39.447530860								
IL6	2	XO+Feb	1.00	1.032258065	0.617283951								
IL6 lines	3	Title											
IL10	4	Title											
IL10 lines	5	Title											
IL1beta	6	Title											
IL1beta lines	7	Title											
+ New Data Table...	8	Title											
▼ Info	9	Title											
Project info 1	10	Title											
Project info 1	11	Title											
+ New Info...	12	Title											
▼ Results	13	Title											
Transpose of TNF	14	Title											
Transform of TNF	15	Title											
RM one-way ANOVA of Trans	16	Title											
Transpose of IL6	17	Title											
Transform of IL6	18	Title											
RM one-way ANOVA of Trans	19	Title											
Transpose of IL10	20	Title											
Family	21	Title											
IL10 lines	22	Title											
Linear IL10 lines	23	Title											
	24	Title											
	25	Title											
	26	Title											
	27	Title											

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

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T T A A B I U x<sup>2</sup> x<sub>2</sub>

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.00	1	1.000									
2	Feb	1.00	1	1.000									
3	XO	7.18	1	9.940									
4	XO+Feb	1.00	1	3.885									
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												
25	Title												
26	Title												
27	Title												

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

10 Arial

T T A A B I U x<sup>2</sup> x<sub>2</sub>

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L
Grouped		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	XO	7.18	1	9.940									
2	XO+Feb	1.00	1	3.885									
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												
25	Title												
26	Title												
27	Title												

Search

Data Tables

- TNF
- TNF lines
- IL6
- IL6 lines
- IL10
- IL10 lines
- IL1beta
- IL1beta lines**
- New Data Table...

Info

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

Results

- Transpose of TNF
- Transform of TNF
- RM one-way ANOVA of Trans
- Transpose of IL6
- Transform of IL6
- RM one-way ANOVA of Trans
- Transpose of IL10

Family

- IL1beta lines
- Linear IL1beta lines**

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Search		Transpose	A	B	C	D	E	F	G	H	I	J	K	L
▼ Data Tables >>		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title	Title
<ul style="list-style-type: none"> <li>TNF</li> <li>TNF lines</li> <li>IL6</li> <li>IL6 lines</li> <li>IL10</li> <li>IL10 lines</li> <li>IL1beta</li> <li>IL1beta lines</li> <li>+ New Data Table...</li> </ul>		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	266.050	1.000									
2	Donor 2	1.000	0.216	77.128	0.312									
3	Donor 3	1.000	0.437	378.696	108.328									
4														
5														
6														
7														
▼ Info >>														
8	Project info 1													
9	Project info 1													
10	+ New Info...													
▼ Results >>														
11	Transpose of TNF													
12	Transform of TNF													
13	RM one-way ANOVA of Tra													
14	Transpose of IL6													
15	Transform of IL6													
16	RM one-way ANOVA of Trans													
17	Transpose of IL10													
Family >>														
18	TNF													
19	Transpose													
20	Transform of TNF													
21	RM one-way ANC													
22														
23														
24														
25														
26														
27														

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Transform		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	2.425	0.000								
2	Donor 2	0.000	-0.666	1.887	-0.506								
3	Donor 3	0.000	-0.360	2.578	2.035								
4													
5													
6													
7													
8													
9													
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27													

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

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Prism8

Search ANOVA results Multiple comparisons

- Data Tables
  - TNF
  - TNF lines
  - IL6
  - IL6 lines
  - IL10
  - IL10 lines
  - IL1beta
  - IL1beta lines
  - New Data Table...
- Info
  - Project info 1
  - Project info 1
  - New Info...
- Results
  - Transpose of TNF
  - Transform of TNF
  - RM one-way ANOVA of Tra**
  - Transpose of IL6
  - Transform of IL6
  - RM one-way ANOVA of Trans
  - Transpose of IL10

RM one-way ANOVA					
ANOVA results					
1	Table Analyzed				
2					
3	<b>Repeated measures ANOVA summary</b>				
4	Assume sphericity?				
5	F				
6	P value				
7	P value summary				
8	Statistically significant (P < 0.05)?				
9	Geisser-Greenhouse's epsilon				
10	R square				
11					
12	<b>Was the matching effective?</b>				
13	F				
14	P value				
15	P value summary				
16	Is there significant matching (P < 0.05)?				
17	R square				
18					
ANOVA table		DF	MS	F (DFn, DFd)	P value
Treatment (between columns)		3	4.133	F (1.101, 2.201) = 9.774	P=0.0790
Individual (between rows)		2	0.7825	F (2, 6) = 1.850	P=0.2366
Residual (random)		6	0.4229		
Total		11			
24					
25	<b>Data summary</b>				
26	Number of treatments (columns)				

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10 Arial

Prism8

Search ANOVA results Multiple comparisons

- ▼ Data Tables >>
  - TNF
  - TNF lines
  - IL6
  - IL6 lines
  - IL10
  - IL10 lines
  - IL1beta
  - IL1beta lines
  - + New Data Table...
- ▼ Info >>
  - Project info 1
  - Project info 1
  - + New Info...
- ▼ Results >>
  - Transpose of TNF
  - Transform of TNF
  - RM one-way ANOVA of Transform of TNF
  - Transpose of IL6
  - Transform of IL6
  - RM one-way ANOVA of Transform of IL6
  - Transpose of IL10
- Family >>
  - TNF
  - Transpose
  - Transform of TNF
  - RM one-way ANOVA of Transform of TNF

RM one-way ANOVA										
Multiple comparisons										
1	Number of families	1								
2	Number of comparisons	6								
3	Alpha	0.05								
4										
5	Tukey's multiple comparison	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value				
6	Control vs. Feb	0.3418	-0.9912 to 1.675	No	ns	0.4695	A-B			
7	Control vs. XO	-2.297	-3.749 to -0.8450	Yes	*	0.0205	A-C			
8	Control vs. XO+Feb	-0.5097	-5.889 to 4.870	No	ns	0.9054	A-D			
9	Feb vs. XO	-2.639	-3.707 to -1.570	Yes	**	0.0088	B-C			
10	Feb vs. XO+Feb	-0.8514	-6.207 to 4.504	No	ns	0.7244	B-D			
11	XO vs. XO+Feb	1.787	-2.522 to 6.096	No	ns	0.2409	C-D			
12										
13	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF	
14	Control vs. Feb	0.000	-0.3418	0.3418	0.1924	3	3	2.513	2	
15	Control vs. XO	0.000	2.297	-2.297	0.2095	3	3	15.50	2	
16	Control vs. XO+Feb	0.000	0.5097	-0.5097	0.7764	3	3	0.9284	2	
17	Feb vs. XO	-0.3418	2.297	-2.639	0.1542	3	3	24.21	2	
18	Feb vs. XO+Feb	-0.3418	0.5097	-0.8514	0.7729	3	3	1.558	2	
19	XO vs. XO+Feb	2.297	0.5097	1.787	0.6219	3	3	4.064	2	
20										
21										
22										
23										
24										
25										
26										



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

10 Arial

Prism 8

Search		Transpose	A	B	C	D	E	F	G	H	I	J	K	L
▼ Data Tables >>		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title	Title
<ul style="list-style-type: none"> <li>TNF</li> <li>TNF lines</li> <li><b>IL6</b></li> <li>IL6 lines</li> <li>IL10</li> <li>IL10 lines</li> <li>IL1beta</li> <li>IL1beta lines</li> <li>New Data Table...</li> </ul>		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	618.890	68.520									
2	Donor 2	1.000	0.869	131.299	54.183									
3	Donor 3	1.000	1.000	612.270	2020.025									
4														
5														
6														
7														
▼ Info >>														
8	Project info 1													
9	Project info 1													
10	New Info...													
▼ Results >>														
11	Transpose of TNF													
12	Transform of TNF													
13	RM one-way ANOVA of Trans													
14	<b>Transpose of IL6</b>													
15	Transform of IL6													
16	RM one-way ANOVA of Tra													
17	Transpose of IL10													
Family >>														
18	IL6													
19	Transpose													
20	Transform of IL6													
21	RM one-way ANC													
22														
23														
24														
25														
26														
27														

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

10 Arial

Export Print Send LA Help

Transform		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	2.792	1.836								
2	Donor 2	0.000	-0.061	2.118	1.734								
3	Donor 3	0.000	0.000	2.787	3.305								
4													
5													
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26													
27													

Transform of IL6 Row 1, A: Control

ANOVA results		Multiple comparisons				
<b>RM one-way ANOVA</b>						
ANOVA results						
1	Table Analyzed	Transform of IL6				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	30.68				
6	P value	0.0170				
7	P value summary	*				
8	Statistically significant (P < 0.05)?	Yes				
9	Geisser-Greenhouse's epsilon	0.4266				
10	R square	0.9388				
11						
12	<b>Was the matching effective?</b>					
13	F	1.739				
14	P value	0.2537				
15	P value summary	ns				
16	Is there significant matching (P < 0.05)?	No				
17	R square	0.03426				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	17.96	3	5.986	F (1.280, 2.560) = 30.68	P=0.0170
21	Individual (between rows)	0.6785	2	0.3393	F (2, 6) = 1.739	P=0.2537
22	Residual (random)	1.171	6	0.1951		
23	Total	19.81	11			
24						
25	<b>Data summary</b>					
26	Number of treatments (columns)	4				

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

10 Arial

Prism8

Search ANOVA results Multiple comparisons

- Data Tables
  - TNF
  - TNF lines
  - IL6
  - IL6 lines
  - IL10
  - IL10 lines
  - IL1beta
  - IL1beta lines
  - New Data Table...
- Info
  - Project info 1
  - Project info 1
  - New Info...
- Results
  - Transpose of TNF
  - Transform of TNF
  - RM one-way ANOVA of Trans
  - Transpose of IL6
  - Transform of IL6
  - RM one-way ANOVA of Tran
  - Transpose of IL10
- Family
  - IL6
    - Transpose
    - Transform of IL6
    - RM one-way ANOVA

RM one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons	6							
3	Alpha	0.05							
4									
5	Tukey's multiple compa	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
6	Control vs. Feb	0.02041	-0.1210 to 0.1618	No	ns	0.7683			A-B
7	Control vs. XO	-2.566	-4.115 to -1.016	Yes	*	0.0188			A-C
8	Control vs. XO+Feb	-2.292	-5.809 to 1.226	No	ns	0.1114			A-D
9	Feb vs. XO	-2.586	-3.994 to -1.178	Yes	*	0.0154			B-C
10	Feb vs. XO+Feb	-2.312	-5.754 to 1.130	No	ns	0.1053			B-D
11	XO vs. XO+Feb	0.2739	-2.700 to 3.247	No	ns	0.9115			C-D
12									
13	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
14	Control vs. Feb	0.000	-0.02041	0.02041	0.02041	3	3	1.414	2
15	Control vs. XO	0.000	2.566	-2.566	0.2237	3	3	16.22	2
16	Control vs. XO+Feb	0.000	2.292	-2.292	0.5077	3	3	6.384	2
17	Feb vs. XO	-0.02041	2.566	-2.586	0.2033	3	3	17.99	2
18	Feb vs. XO+Feb	-0.02041	2.292	-2.312	0.4968	3	3	6.582	2
19	XO vs. XO+Feb	2.566	2.292	0.2739	0.4291	3	3	0.9027	2
20									
21									
22									
23									
24									
25									
26									

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

10 Arial

Prism8

Search		Transpose	A	B	C	D	E	F	G	H	I	J	K	L
▼ Data Tables			Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title
<ul style="list-style-type: none"> <li>TNF</li> <li>TNF lines</li> <li>IL6</li> <li>IL6 lines</li> <li><b>IL10</b></li> <li>IL10 lines</li> <li>IL1beta</li> <li>IL1beta lines</li> <li>New Data Table...</li> </ul>			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1		1.000	1.000	9.080	1.000								
2	Donor 2		1.000	0.645	1.710	1.032								
3	Donor 3		1.000	0.617	39.448	0.617								
4														
5														
6														
7														
▼ Info														
<ul style="list-style-type: none"> <li>Project info 1</li> <li>Project info 1</li> <li>New Info...</li> </ul>														
8														
9														
10														
▼ Results														
<ul style="list-style-type: none"> <li>Transpose of TNF</li> <li>Transform of TNF</li> <li>RM one-way ANOVA of Trans</li> <li>Transpose of IL6</li> <li>Transform of IL6</li> <li>RM one-way ANOVA of Trans</li> <li><b>Transpose of IL10</b></li> </ul>														
11														
12														
13														
14														
15														
16														
17														
Family														
<ul style="list-style-type: none"> <li><b>IL10</b></li> <li>Transpose</li> <li>Transform of IL10</li> <li>RM one-way ANOVA of Trans</li> </ul>														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														

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

10 Arial

Prism8

Transform		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	0.958	0.000								
2	Donor 2	0.000	-0.190	0.233	0.014								
3	Donor 3	0.000	-0.210	1.596	-0.210								
4													
5													
6													
7													
8													
9													
10													
11													
12													
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25													
26													
27													

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

10 Arial

Prism8

Search ANOVA results Multiple comparisons

RM one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL10				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	5.554				
6	P value	0.1390				
7	P value summary	ns				
8	Statistically significant (P < 0.05)?	No				
9	Geisser-Greenhouse's epsilon	0.3444				
10	R square	0.7352				
11						
12	<b>Was the matching effective?</b>					
13	F	0.6517				
14	P value	0.5545				
15	P value summary	ns				
16	Is there significant matching (P < 0.05)?	No				
17	R square	0.05439				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	2.255	3	0.7517	F (1.033, 2.066) = 5.554	P=0.1390
21	Individual (between rows)	0.1764	2	0.08820	F (2, 6) = 0.6517	P=0.5545
22	Residual (random)	0.8120	6	0.1353		
23	Total	3.243	11			
24						
25	<b>Data summary</b>					
26	Number of treatments (columns)	4				

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

10 Arial

Prism8

Search ANOVA results Multiple comparisons

- ▼ Info
  - Project info 1
  - Project info 1
  - New Info...
- ▼ Results
  - Transpose of TNF
  - Transform of TNF
  - RM one-way ANOVA of Trans
  - Transpose of IL6
  - Transform of IL6
  - RM one-way ANOVA of Trans
  - Transpose of IL10
  - Transform of IL10
  - RM one-way ANOVA of Tra**
  - Transpose of IL1beta
  - Transform of IL1beta
  - RM one-way ANOVA of Trans
  - New Analysis...
- ▼ Graphs
  - Linear IL1beta
  - Linear IL6
  - Linear IL10
- Family
  - IL10
    - Transpose
    - Transform of IL10
    - RM one-way ANOVA**

RM one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons p	6							
3	Alpha	0.05							
5	<b>Tukey's multiple compa</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. Feb	0.1333	-0.3301 to 0.5966	No	ns	0.4079	A-B		
7	Control vs. XO	-0.9290	-3.657 to 1.799	No	ns	0.3245	A-C		
8	Control vs. XO+Feb	0.06524	-0.4353 to 0.5658	No	ns	0.8096	A-D		
9	Feb vs. XO	-1.062	-3.851 to 1.726	No	ns	0.2748	B-C		
10	Feb vs. XO+Feb	-0.06804	-0.5395 to 0.4034	No	ns	0.7683	B-D		
11	XO vs. XO+Feb	0.9942	-2.181 to 4.170	No	ns	0.3648	C-D		
13	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
14	Control vs. Feb	0.000	-0.1333	0.1333	0.06687	3	3	2.819	2
15	Control vs. XO	0.000	0.9290	-0.9290	0.3938	3	3	3.337	2
16	Control vs. XO+Feb	0.000	-0.06524	0.06524	0.07225	3	3	1.277	2
17	Feb vs. XO	-0.1333	0.9290	-1.062	0.4024	3	3	3.733	2
18	Feb vs. XO+Feb	-0.1333	-0.06524	-0.06804	0.06804	3	3	1.414	2
19	XO vs. XO+Feb	0.9290	-0.06524	0.9942	0.4583	3	3	3.068	2
20									
21									
22									
23									
24									
25									
26									



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

10 Arial

Prism8

Search		Transpose	A	B	C	D	E	F	G	H	I	J	K	L
		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	7.180	1.000									
2	Donor 2	1.000	1.000	1.000	1.000									
3	Donor 3	1.000	1.000	9.940	3.885									
4														
5														
6														
7														
8														
9														
10														
11														
12														
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22														
23														
24														
25														
26														
27														

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

10 Arial

Prism8

Transform		A	B	C	D	E	F	G	H	I	J	K	L
		Control	Feb	XO	XO+Feb	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	0.000	0.000	0.856	0.000								
2	Donor 2	0.000	0.000	0.000	0.000								
3	Donor 3	0.000	0.000	0.997	0.589								
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													

Transform of IL1beta Row 1, A: Control

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

10 Arial

Prism8

Search ANOVA results Multiple comparisons

RM one-way ANOVA						
ANOVA results						
1	Table Analyzed	Transform of IL1beta				
2						
3	<b>Repeated measures ANOVA summary</b>					
4	Assume sphericity?	No				
5	F	3.062				
6	P value	0.1842				
7	P value summary	ns				
8	Statistically significant (P < 0.05)?	No				
9	Geisser-Greenhouse's epsilon	0.5060				
10	R square	0.6049				
11						
12	<b>Was the matching effective?</b>					
13	F	1.897				
14	P value	0.2299				
15	P value summary	ns				
16	Is there significant matching (P < 0.05)?	No				
17	R square	0.1999				
18						
19	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
20	Treatment (between columns)	0.7636	3	0.2545	F (1.518, 3.036) = 3.062	P=0.1842
21	Individual (between rows)	0.3154	2	0.1577	F (2, 6) = 1.897	P=0.2299
22	Residual (random)	0.4988	6	0.08313		
23	Total	1.578	11			
24						
25	<b>Data summary</b>					
26	Number of treatments (columns)	4				

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

10 Arial

Prism8

Search ANOVA results Multiple comparisons

- ▼ Info
  - Project info 1
  - Project info 1
  - New Info...
- ▼ Results
  - Transpose of TNF
  - Transform of TNF
  - RM one-way ANOVA of Trans
  - Transpose of IL6
  - Transform of IL6
  - RM one-way ANOVA of Trans
  - Transpose of IL10
  - Transform of IL10
  - RM one-way ANOVA of Trans
  - Transpose of IL1beta
  - Transform of IL1beta
  - RM one-way ANOVA of Tra
  - New Analysis...
- ▼ Graphs
  - Linear IL1beta
  - Linear IL6
  - Linear IL10
- Family
  - IL1beta
    - Transpose
    - Transform of IL1beta
    - RM one-way ANOVA

RM one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per family	5							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparisons test</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. XO	-0.6178	-1.959 to 0.7229	No			A-C		
7	Control vs. XO+Feb	-0.1965	-1.042 to 0.6489	No			A-D		
8	Feb vs. XO	-0.6178	-1.959 to 0.7229	No			B-C		
9	Feb vs. XO+Feb	-0.1965	-1.042 to 0.6489	No			B-D		
10	XO vs. XO+Feb	0.4214	-0.6424 to 1.485	No			C-D		
11									
12	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
13	Control vs. Feb	0.000	0.000	0.000	0.000	3	3		
14	Control vs. XO	0.000	0.6178	-0.6178	0.3116	3	3	1.983	2
15	Control vs. XO+Feb	0.000	0.1965	-0.1965	0.1965	3	3	1.000	2
16	Feb vs. XO	0.000	0.6178	-0.6178	0.3116	3	3	1.983	2
17	Feb vs. XO+Feb	0.000	0.1965	-0.1965	0.1965	3	3	1.000	2
18	XO vs. XO+Feb	0.6178	0.1965	0.4214	0.2472	3	3	1.704	2
19									
20									
21									
22									
23									
24									
25									
26									

SourceDataforFigure2D — Edited

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

Prism 8

Search

▼ Data Tables >>

- IL6
- TNF
- + New Data Table...

▼ Info >>

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

▼ Results >>

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF
- Ordinary one-way ANOVA of Transpose of TNF
- + New Analysis...

▼ Graphs >>

- IL6
- TNF
- + New Graph...

Family >>

- IL6
  - Transpose
    - Ordinary one-way ANOVA
  - IL6

	Table format:	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	Group M	Gr
	Grouped	Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Control	1.000000000	1.000000000	1.00											
2	I-TG	1.000000000	0.635294118	1.00											
3	NAC	1.000000000	1.000000000	1.06											
4	XO	124.266331700	49.111764710	217.01											
5	XO+I-TG	12.547738690	3.523529412	24.38											
6	XO NAC	1.090452261	1.170588235	69.59											
7	HI XO	10.944723620	20.264705880	36.90											
8	Title														
9	Title														
10	Title														
11	Title														
12	Title														
13	Title														
14	Title														
15	Title														
16	Title														
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27	Title														
28	Title														
29	Title														
30	Title														
31	Title														
32	Title														
33	Title														
34	Title														

IL6

Row 8, A: Donor 1

SourceDataforFigure2D — Edited

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

Prism 8

Search

Table format: Grouped

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K	Group L	G
		Donor 1	Donor 2	Donor 3	Title	Title	Title	Title	Title	Title	Title	Title	Title	
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
1	Control	1.000000000	1.000000000	1.000000000										
2	I-TG	1.000000000	1.000000000	0.767857143										
3	NAC	1.000000000	0.581300813	1.000000000										
4	XO	66.420634920	26.963414630	47.785714290										
5	XO+I-TG	6.843915344	1.995934959	7.827380952										
6	XO NAC	1.058201058	1.552845528	3.702380952										
7	HI XO	2.529100529	4.418699187	11.125000000										
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													
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34	Title													

▼ Data Tables

- IL6
- TNF**
- New Data Table...

▼ Info

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

▼ Results

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF**
- Ordinary one-way ANOVA of Transpose of TNF
- New Analysis...

▼ Graphs

- IL6
- TNF**
- New Graph...

Family

- TNF**
  - Transpose
    - Ordinary one-way ANOVA
  - TNF

Row 8, A: Donor 1

SourceDataforFigure2D — Edited

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

Prism 8

Search

▼ Data Tables >>

- IL6
- TNF
- + New Data Table...

▼ Info >>

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

▼ Results >>

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF
- Ordinary one-way ANOVA of Transpose of TNF
- + New Analysis...

▼ Graphs >>

- IL6
- TNF
- + New Graph...

Family >>

- IL6
- Transpose
- Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L	M
	Transpose	Control	I-TG	NAC	XO	XO+I-TG	XO NAC	HI XO	Title	Title	Title	Title	Title	Title
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	1.000	124.266	12.548	1.090	10.945						
2	Donor 2	1.000	0.635	1.000	49.112	3.524	1.171	20.265						
3	Donor 3	1.000	1.000	1.060	217.010	24.380	69.590	36.900						
4														
5														
6														
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Transpose of IL6

Row 1, A: Control

SourceDataforFigure2D — 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 >>  
 IL6  
 TNF  
 + New Data Table...

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

▼ Results >>  
 Transpose of IL6  
**Ordinary one-way ANOVA of Transpose of IL6**  
 Transpose of TNF  
 Ordinary one-way ANOVA of Transpose of TNF  
 + New Analysis...

▼ Graphs >>  
 IL6  
 TNF  
 + New Graph...

Family >>  
 IL6  
 Transpose  
**Ordinary one-way ANOVA**

ANOVA results						
1	Table Analyzed	Transpose of IL6				
2	Data sets analyzed	A-G				
3						
4	<b>ANOVA summary</b>					
5	F	4.862				
6	P value	0.0116				
7	P value summary	*				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.6695				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	2.015 (5, 12)				
13	P value	0.1485				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>					
24	Treatment (between columns)	36133	5	7227	F (5, 12) = 4.862	P=0.0116
25	Residual (within columns)	17836	12	1486		
26	Total	53968	17			
27						
28	<b>Data summary</b>					
29	Number of treatments (columns)	6				
30	Number of values (total)	18				
31						
32						
33						

Ordinary one-way ANOVA of Transpose of IL6 Row 1, Column A



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Prism 8

Search ANOVA results Multiple comparisons

▼ Data Tables

- IL6
- TNF
- + New Data Table...

▼ Info

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

▼ Results

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6**
- Transpose of TNF
- Ordinary one-way ANOVA of Transpose of TNF
- + New Analysis...

▼ Graphs

- IL6
- TNF
- + New Graph...

Family

- IL6
- Transpose
- Ordinary one-way ANOVA**

		Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
5	Tukey's multiple comparison								
6	Control vs. NAC	-0.02000	-105.8 to 105.7	No	ns	>0.9999	A-C		
7	Control vs. XO	-129.1	-234.9 to -23.40	Yes	*	0.0143	A-D		
8	Control vs. XO+I-TG	-12.48	-118.2 to 93.25	No	ns	0.9984	A-E		
9	Control vs. XO NAC	-22.95	-128.7 to 82.78	No	ns	0.9743	A-F		
10	Control vs. HI XO	-21.70	-127.4 to 84.03	No	ns	0.9798	A-G		
11	NAC vs. XO	-129.1	-234.8 to -23.38	Yes	*	0.0143	C-D		
12	NAC vs. XO+I-TG	-12.46	-118.2 to 93.27	No	ns	0.9984	C-E		
13	NAC vs. XO NAC	-22.93	-128.7 to 82.80	No	ns	0.9744	C-F		
14	NAC vs. HI XO	-21.68	-127.4 to 84.05	No	ns	0.9798	C-G		
15	XO vs. XO+I-TG	116.6	10.91 to 222.4	Yes	*	0.0279	D-E		
16	XO vs. XO NAC	106.2	0.4471 to 211.9	Yes	*	0.0488	D-F		
17	XO vs. HI XO	107.4	1.694 to 213.2	Yes	*	0.0457	D-G		
18	XO+I-TG vs. XO NAC	-10.47	-116.2 to 95.27	No	ns	0.9993	E-F		
19	XO+I-TG vs. HI XO	-9.219	-115.0 to 96.51	No	ns	0.9996	E-G		
20	XO NAC vs. HI XO	1.247	-104.5 to 107.0	No	ns	>0.9999	F-G		
21									
22	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
23	Control vs. NAC	1.000	1.020	-0.02000	31.48	3	3	0.0008985	12
24	Control vs. XO	1.000	130.1	-129.1	31.48	3	3	5.801	12
25	Control vs. XO+I-TG	1.000	13.48	-12.48	31.48	3	3	0.5609	12
26	Control vs. XO NAC	1.000	23.95	-22.95	31.48	3	3	1.031	12
27	Control vs. HI XO	1.000	22.70	-21.70	31.48	3	3	0.9751	12
28	NAC vs. XO	1.020	130.1	-129.1	31.48	3	3	5.801	12
29	NAC vs. XO+I-TG	1.020	13.48	-12.46	31.48	3	3	0.5600	12
30	NAC vs. XO NAC	1.020	23.95	-22.93	31.48	3	3	1.030	12
31	NAC vs. HI XO	1.020	22.70	-21.68	31.48	3	3	0.9742	12
32	XO vs. XO+I-TG	130.1	13.48	116.6	31.48	3	3	5.241	12
33	XO vs. XO NAC	130.1	23.95	106.2	31.48	3	3	4.770	12
34	XO vs. HI XO	130.1	22.70	107.4	31.48	3	3	4.826	12
35	XO+I-TG vs. XO NAC	13.48	23.95	-10.47	31.48	3	3	0.4702	12
36	XO+I-TG vs. HI XO	13.48	22.70	-9.219	31.48	3	3	0.4142	12
37	XO NAC vs. HI XO	23.95	22.70	1.247	31.48	3	3	0.05603	12

Ordinary one-way ANOVA of Transpose of IL6 Row 1, Column A

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Prism 8

Search

▼ Data Tables

- IL6
- TNF**
- + New Data Table...

▼ Info

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

▼ Results

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF**
- Ordinary one-way ANOVA of Transpose of TNF
- + New Analysis...

▼ Graphs

- IL6
- TNF
- + New Graph...

Family

- TNF
- Transpose**
- Ordinary one-way ANOVA

		A	B	C	D	E	F	G	H	I	J	K	L	M
		Control	I-TG	NAC	XO	XO+I-TG	XO NAC	HI XO	Title	Title	Title	Title	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	1.000	1.000	1.000	66.421	6.844	1.058	2.529						
2	Donor 2	1.000	1.000	0.581	26.963	1.996	1.553	4.419						
3	Donor 3	1.000	0.768	1.000	47.786	7.827	3.702	11.125						
4														
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Transpose of TNF

Row 1, A: Control

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Prism 8

Search ANOVA results Multiple comparisons

▼ Data Tables

- IL6
- TNF
- + New Data Table...

▼ Info

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

▼ Results

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF
- Ordinary one-way ANOVA of Transpose of TNF**
- + New Analysis...

▼ Graphs

- IL6
- TNF
- + New Graph...

Family

- TNF
  - Transpose
  - Ordinary one-way ANOVA**

ANOVA results						
<b>Ordinary one-way ANOVA</b>						
ANOVA results						
1	Table Analyzed	Transpose of TNF				
2	Data sets analyzed	A-G				
3						
4	<b>ANOVA summary</b>					
5	F	13.95				
6	P value	0.0001				
7	P value summary	***				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.8532				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	3.001 (5, 12)				
13	P value	0.0551				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>					
24	Treatment (between columns)	SS	DF	MS	F (DFn, DFd)	P value
25	Residual (within columns)	4903	5	980.7	F (5, 12) = 13.95	P=0.0001
26	Total	843.6	12	70.30		
27		5747	17			
28	<b>Data summary</b>					
29	Number of treatments (columns)	6				
30	Number of values (total)	18				
31						
32						
33						

Ordinary one-way ANOVA of Transpose of TNF Row 11, Column C

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Prism 8

Search ANOVA results Multiple comparisons

▼ Data Tables >>

- IL6
- TNF
- + New Data Table...

▼ Info >>

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

▼ Results >>

- Transpose of IL6
- Ordinary one-way ANOVA of Transpose of IL6
- Transpose of TNF
- Ordinary one-way ANOVA of Transpose of TNF
- + New Analysis...

▼ Graphs >>

- IL6
- TNF
- + New Graph...

Family >>

- TNF
- Transpose
- Ordinary one-way ANOVA

ANOVA results							
Ordinary one-way ANOVA							
Multiple comparisons							
4							
5	<b>Tukey's multiple comparis</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. NAC	No	ns	>0.9999	A-C		
7	Control vs. XO	Yes	***	0.0002	A-D		
8	Control vs. XO+I-TG	No	ns	0.9826	A-E		
9	Control vs. XO NAC	No	ns	>0.9999	A-F		
10	Control vs. HI XO	No	ns	0.9736	A-G		
11	NAC vs. XO	Yes	***	0.0002	C-D		
12	NAC vs. XO+I-TG	No	ns	0.9802	C-E		
13	NAC vs. XO NAC	No	ns	>0.9999	C-F		
14	NAC vs. HI XO	No	ns	0.9703	C-G		
15	XO vs. XO+I-TG	Yes	***	0.0006	D-E		
16	XO vs. XO NAC	Yes	***	0.0003	D-F		
17	XO vs. HI XO	Yes	***	0.0007	D-G		
18	XO+I-TG vs. XO NAC	No	ns	0.9950	E-F		
19	XO+I-TG vs. HI XO	No	ns	>0.9999	E-G		
20	XO NAC vs. HI XO	No	ns	0.9911	F-G		
21							
22	<b>Test details</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
23	Control vs. NAC	0.1396	6.846	3	3	0.02883	12
24	Control vs. XO	-46.06	6.846	3	3	9.514	12
25	Control vs. XO+I-TG	-4.556	6.846	3	3	0.9411	12
26	Control vs. XO NAC	-1.104	6.846	3	3	0.2282	12
27	Control vs. HI XO	-5.024	6.846	3	3	1.038	12
28	NAC vs. XO	-46.20	6.846	3	3	9.543	12
29	NAC vs. XO+I-TG	-4.695	6.846	3	3	0.9699	12
30	NAC vs. XO NAC	-1.244	6.846	3	3	0.2570	12
31	NAC vs. HI XO	-5.164	6.846	3	3	1.067	12
32	XO vs. XO+I-TG	41.50	6.846	3	3	8.573	12
33	XO vs. XO NAC	44.95	6.846	3	3	9.286	12
34	XO vs. HI XO	41.03	6.846	3	3	8.476	12
35	XO+I-TG vs. XO NAC	3.451	6.846	3	3	0.7130	12
36	XO+I-TG vs. HI XO	-0.4685	6.846	3	3	0.09679	12

Ordinary one-way ANOVA of Transpose of TNF Row 11, Column C

SourceDataforFigure2E

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11 Arial

Table format: Column

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H
		Control	RBC	iRBC	RBCL	iRBCL	XO	LPS	Title
		Y	Y	Y	Y	Y	Y	Y	Y
1	AC	58.25333333	35.52666667	276.3733333	44.12000000	402.7700000	4283.54000000	7938.19666700	
2	JMV	18.41666667	20.10666667	142.2933333	16.89333333	78.0366667	3445.94000000	5735.90000000	
3	Maureen SJT	11.29000000			21.32000000	346.0800000	746.65000000	1894.32000000	
4	Maureen 2.10.14	3.09000000	1.97000000	30.6100000				3037.01000000	
5	Title								
6	Title								
7	Title								
8									
9	Title								
10	Title								
11	Title								
12	Title								
13	Title								
14	Title								
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27	Title								
28	Title								

Search

Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

Info

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

Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta

Family

- TNF
- Ordinary one-way ANOVA
- TNF

Row 8, Column RT

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export

11 Arial

T T A A B I U x<sup>2</sup> x<sub>2</sub>

Search

▼ Data Tables

- TNF
- IL-6**
- IL-10
- IL-1beta
- + New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6**
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta

Family

- IL-6**
- Ordinary one-way ANOVA
- IL-6

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H
Column		Control	RBC	iRBC	RBCL	iRBCL	XO	LPS	Title
		Y	Y	Y	Y	Y	Y	Y	Y
1	AC	1062.88	1509.20333300	3641.64000000	1843.27000000	7484.75000000	12023.14000000	12023.14000000	
2	JMV	293.58	1173.48666700	2082.09000000	929.23000000	2235.72000000	12023.14000000	12023.14000000	
3	Maureen SJT	417.94			1243.53000000	2612.26000000	6776.59000000	7996.04000000	
4	Maureen 2.10.14	12.84	9.81000000	175.36000000				13135.71000000	
5	Title								
6	Title								
7									
8	Title								
9	Title								
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26	Title								
27	Title								
28	Title								

SourceDataforFigure2E

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export

11 Arial

Table format: Column

		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I
		Control	RBC	iRBC	RBCL	iRBCL	XO	LPS	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y
1	AC	2.320000000	4.996666667	28.90666667	4.626666667	30.31666667	373.1166667	650.5733333		
2	JMV	1.816666667	2.593333333	8.07000000	2.380000000	5.253333333	160.3200000	234.0533333		
3	Maureen SJT	0.000000000			0.000000000	5.290000000	13.31000000	45.60000000		
4	Maureen 2.10.14	2.380000000	2.480000000	7.09000000				178.9000000		
5	Title									
6	Title									
7	Title									
8	Title									
9	Title									
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26	Title									
27	Title									
28	Title									

Search

Data Tables

- TNF
- IL-6
- IL-10**
- IL-1beta
- New Data Table...

Info

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

Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10**
- Ordinary one-way ANOVA of IL-1beta

Family

- IL-10**
  - Ordinary one-way ANOVA
- IL-10

IL-10

Row 6, A: Control

File Sheet Undo Clipboard Analysis Change Import Draw Write Text Export

11 Arial

T T A A B I U x<sup>2</sup> x<sub>2</sub>

Search

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta**
- + New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta**

Family

- IL-1beta**
  - Ordinary one-way ANOVA
  - IL-1beta

Table format:		Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I
Column		Control	RBC	iRBC	RBCL	iRBCL	XO	LPS	Title	Title
		Y	Y	Y	Y	Y	Y	Y	Y	Y
1	Donor 1	25.36	17.27666667	140.0366667	28.68333333	207.9733333	3611.6766670	6692.296667		
2	Donor 2	8.26	18.57333333	111.9833333	11.27000000	46.5133333	5058.5800000	6177.983333		
3	Donor 3	10.95			25.95000000	162.4700000	1509.9600000	4733.830000		
4	Donor 4	5.02	7.71000000	11.4100000				7641.100000		
5	Title									
6										
7	Title									
8	Title									
9	Title									
10	Title									
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27	Title									
28	Title									



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

11 Arial

Prism8

Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Ordinary one-way ANOVA					
ANOVA results					
1	Table Analyzed	TNF			
2	Data sets analyzed	A-G			
3					
4	<b>ANOVA summary</b>				
5	F	6.893			
6	P value	0.0009			
7	P value summary	***			
8	Significant diff. among means (P < 0.05)?	Yes			
9	R square	0.7211			
10					
11	<b>Brown-Forsythe test</b>				
12	F (DFn, DFd)	5.909 (6, 16)			
13	P value	0.0021			
14	P value summary	**			
15	Are SDs significantly different (P < 0.05)?	Yes			
16					
17	<b>Bartlett's test</b>				
18	Bartlett's statistic (corrected)				
19	P value				
20	P value summary				
21	Are SDs significantly different (P < 0.05)?				
22					
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>
24	Treatment (between columns)	75253973	6	12542329	F (6, 16) = 6.893
25	Residual (within columns)	29112604	16	1819538	P=0.0009

SourceDataforFigure2E — Edited

File Sheet Undo Clipboard Analysis Interpret Change Draw Write Text Export Print Send LA Help Prism8

Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- TNF
- Ordinary one-way ANOVA
- TNF

Ordinary one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per family	21							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparisons test</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. RBC	3.561	-3450 to 3457	No	ns	>0.9999	A-B		
7	Control vs. iRBC	-127.0	-3580 to 3326	No	ns	>0.9999	A-C		
8	Control vs. RBCL	-4.682	-3458 to 3449	No	ns	>0.9999	A-D		
9	Control vs. iRBCL	-252.9	-3706 to 3201	No	ns	>0.9999	A-E		
10	Control vs. XO	-2803	-6256 to 650.9	No	ns	0.1555	A-F		
11	Control vs. LPS	-4629	-7826 to -1431	Yes	**	0.0027	A-G		
12	RBC vs. iRBC	-130.6	-3822 to 3561	No	ns	>0.9999	B-C		
13	RBC vs. RBCL	-8.243	-3700 to 3684	No	ns	>0.9999	B-D		
14	RBC vs. iRBCL	-256.4	-3948 to 3436	No	ns	>0.9999	B-E		
15	RBC vs. XO	-2806	-6498 to 885.8	No	ns	0.2064	B-F		
16	RBC vs. LPS	-4632	-8086 to -1179	Yes	**	0.0054	B-G		
17	iRBC vs. RBCL	122.3	-3570 to 3814	No	ns	>0.9999	C-D		
18	iRBC vs. iRBCL	-125.9	-3818 to 3566	No	ns	>0.9999	C-E		
19	iRBC vs. XO	-2676	-6368 to 1016	No	ns	0.2485	C-F		
20	iRBC vs. LPS	-4502	-7955 to -1048	Yes	**	0.0069	C-G		
21	RBCL vs. iRBCL	-248.2	-3940 to 3444	No	ns	>0.9999	D-E		
22	RBCL vs. XO	-2798	-6490 to 894.0	No	ns	0.2089	D-F		
23	RBCL vs. LPS	-4624	-8077 to -1170	Yes	**	0.0055	D-G		
24	iRBCL vs. XO	-2550	-6242 to 1142	No	ns	0.2949	E-F		
25	iRBCL vs. LPS	-4376	-7829 to -922.2	Yes	**	0.0088	E-G		

Ordinary one-way ANOVA of TNF Row 11, Column D

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- TNF
- Ordinary one-way ANOVA
- TNF

Ordinary one-way ANOVA		Multiple comparisons							
25	iRBCL vs. LPS	-4376	-7829 to -922.2	Yes	**	0.0088	E-G		
26	XO vs. LPS	-1826	-5279 to 1628	No	ns	0.5825	F-G		
27									
28	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
29	Control vs. RBC	22.76	19.20	3.561	1030	4	3	0.004889	16
30	Control vs. iRBC	22.76	149.8	-127.0	1030	4	3	0.1743	16
31	Control vs. RBCL	22.76	27.44	-4.682	1030	4	3	0.006427	16
32	Control vs. iRBCL	22.76	275.6	-252.9	1030	4	3	0.3471	16
33	Control vs. XO	22.76	2825	-2803	1030	4	3	3.847	16
34	Control vs. LPS	22.76	4651	-4629	953.8	4	4	6.863	16
35	RBC vs. iRBC	19.20	149.8	-130.6	1101	3	3	0.1676	16
36	RBC vs. RBCL	19.20	27.44	-8.243	1101	3	3	0.01058	16
37	RBC vs. iRBCL	19.20	275.6	-256.4	1101	3	3	0.3293	16
38	RBC vs. XO	19.20	2825	-2806	1101	3	3	3.603	16
39	RBC vs. LPS	19.20	4651	-4632	1030	3	4	6.359	16
40	iRBC vs. RBCL	149.8	27.44	122.3	1101	3	3	0.1571	16
41	iRBC vs. iRBCL	149.8	275.6	-125.9	1101	3	3	0.1616	16
42	iRBC vs. XO	149.8	2825	-2676	1101	3	3	3.436	16
43	iRBC vs. LPS	149.8	4651	-4502	1030	3	4	6.179	16
44	RBCL vs. iRBCL	27.44	275.6	-248.2	1101	3	3	0.3187	16
45	RBCL vs. XO	27.44	2825	-2798	1101	3	3	3.593	16
46	RBCL vs. LPS	27.44	4651	-4624	1030	3	4	6.347	16
47	iRBCL vs. XO	275.6	2825	-2550	1101	3	3	3.274	16
48	iRBCL vs. LPS	275.6	4651	-4376	1030	3	4	6.007	16
49	XO vs. LPS	2825	4651	-1826	1030	3	4	2.507	16

Ordinary one-way ANOVA of TNF Row 11, Column D

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11 Arial

Prism 8

Search

ANOVA results

Multiple comparisons

Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

Info

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

Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6**
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Ordinary one-way ANOVA						
ANOVA results						
2	Data sets analyzed	A-G				
3						
4	<b>ANOVA summary</b>					
5	F	19.80				
6	P value	<0.0001				
7	P value summary	****				
8	Significant diff. among means (P < 0.05)	Yes				
9	R square	0.8813				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	0.4502 (6, 16)				
13	P value	0.8344				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	439004153	6	73167359	F (6, 16) = 19.80	P<0.0001
25	Residual (within columns)	59117148	16	3694822		
26	Total	498121301	22			

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6**
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- IL-6
- Ordinary one-way ANOVA
- IL-6

Ordinary one-way ANOVA		Multiple comparisons				
1	Number of families	1				
2	Number of comparisons	21				
3	Alpha	0.05				
4						
5	Holm-Sidak's multiple comparisons	Mean Diff.	Significant?	Summary	Adjusted P Value	
6	Control vs. RBC	-450.7	No	ns	0.9838	A-B
7	Control vs. iRBC	-1520	No	ns	0.9300	A-C
8	Control vs. RBCL	-891.9	No	ns	0.9838	A-D
9	Control vs. iRBCL	-3664	No	ns	0.2334	A-E
10	Control vs. XO	-9827	Yes	****	<0.0001	A-F
11	Control vs. LPS	-10848	Yes	****	<0.0001	A-G
12	RBC vs. iRBC	-1069	No	ns	0.9838	B-C
13	RBC vs. RBCL	-441.2	No	ns	0.9838	B-D
14	RBC vs. iRBCL	-3213	No	ns	0.4463	B-E
15	RBC vs. XO	-9377	Yes	***	0.0003	B-F
16	RBC vs. LPS	-10397	Yes	****	<0.0001	B-G
17	iRBC vs. RBCL	627.7	No	ns	0.9838	C-D
18	iRBC vs. iRBCL	-2145	No	ns	0.8160	C-E
19	iRBC vs. XO	-8308	Yes	**	0.0010	C-F
20	iRBC vs. LPS	-9328	Yes	***	0.0002	C-G
21	RBCL vs. iRBCL	-2772	No	ns	0.5984	D-E
22	RBCL vs. XO	-8936	Yes	***	0.0005	D-F
23	RBCL vs. LPS	-9956	Yes	****	<0.0001	D-G
24	iRBCL vs. XO	-6163	Yes	*	0.0143	E-F
25	iRBCL vs. LPS	-7184	Yes	**	0.0021	E-G

Ordinary one-way ANOVA of IL-6 Row 11, Column C

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Q Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6**
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- IL-6
- Ordinary one-way ANOVA
- IL-6

ANOVA results		Multiple comparisons							
Ordinary one-way ANOVA		Multiple comparisons							
25	iRBCL vs. LPS	-7184	Yes	**	0.0021	E-G			
26	XO vs. LPS	-1020	No	ns	0.9838	F-G			
27									
28	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>t</b>	<b>DF</b>
29	Control vs. RBC	446.8	897.5	-450.7	1468	4	3	0.3070	16
30	Control vs. iRBC	446.8	1966	-1520	1468	4	3	1.035	16
31	Control vs. RBCL	446.8	1339	-891.9	1468	4	3	0.6075	16
32	Control vs. iRBCL	446.8	4111	-3664	1468	4	3	2.496	16
33	Control vs. XO	446.8	10274	-9827	1468	4	3	6.694	16
34	Control vs. LPS	446.8	11295	-10848	1359	4	4	7.981	16
35	RBC vs. iRBC	897.5	1966	-1069	1569	3	3	0.6810	16
36	RBC vs. RBCL	897.5	1339	-441.2	1569	3	3	0.2811	16
37	RBC vs. iRBCL	897.5	4111	-3213	1569	3	3	2.047	16
38	RBC vs. XO	897.5	10274	-9377	1569	3	3	5.975	16
39	RBC vs. LPS	897.5	11295	-10397	1468	3	4	7.082	16
40	iRBC vs. RBCL	1966	1339	627.7	1569	3	3	0.3999	16
41	iRBC vs. iRBCL	1966	4111	-2145	1569	3	3	1.366	16
42	iRBC vs. XO	1966	10274	-8308	1569	3	3	5.293	16
43	iRBC vs. LPS	1966	11295	-9328	1468	3	4	6.354	16
44	RBCL vs. iRBCL	1339	4111	-2772	1569	3	3	1.766	16
45	RBCL vs. XO	1339	10274	-8936	1569	3	3	5.693	16
46	RBCL vs. LPS	1339	11295	-9956	1468	3	4	6.781	16
47	iRBCL vs. XO	4111	10274	-6163	1569	3	3	3.927	16
48	iRBCL vs. LPS	4111	11295	-7184	1468	3	4	4.893	16
49	XO vs. LPS	10274	11295	-1020	1468	3	4	0.6949	16

Ordinary one-way ANOVA of IL-6 Row 11, Column C

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Prism8

Search

ANOVA results

Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10**
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10**
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Ordinary one-way ANOVA						
ANOVA results						
1	Table Analyzed	IL-10				
2	Data sets analyzed	A-G				
3						
4	<b>ANOVA summary</b>					
5	F	2.690				
6	P value	0.0532				
7	P value summary	ns				
8	Significant diff. among means (P < 0.05)?	No				
9	R square	0.5021				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	1.942 (6, 16)				
13	P value	0.1352				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	273098	6	45516	F (6, 16) = 2.690	P=0.0532
25	Residual (within columns)	270763	16	16923		
26	Total	543860	22			
27						
28	<b>Data summary</b>					
29	Number of treatments (columns)	7				
30	Number of values (total)	23				

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Prism8

Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10**
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10**
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Ordinary one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per family	21							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparisons test</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. RBC	-1.727	-334.8 to 331.3	No	ns	>0.9999	A-B		
7	Control vs. iRBC	-13.06	-346.1 to 320.0	No	ns	>0.9999	A-C		
8	Control vs. RBCL	-0.7064	-333.8 to 332.3	No	ns	>0.9999	A-D		
9	Control vs. iRBCL	-11.99	-345.0 to 321.1	No	ns	>0.9999	A-E		
10	Control vs. XO	-180.6	-513.7 to 152.4	No	ns	0.5555	A-F		
11	Control vs. LPS	-275.7	-584.0 to 32.69	No	ns	0.0962	A-G		
12	RBC vs. iRBC	-11.33	-367.4 to 344.7	No	ns	>0.9999	B-C		
13	RBC vs. RBCL	1.021	-355.0 to 357.1	No	ns	>0.9999	B-D		
14	RBC vs. iRBCL	-10.26	-366.3 to 345.8	No	ns	>0.9999	B-E		
15	RBC vs. XO	-178.9	-534.9 to 177.2	No	ns	0.6348	B-F		
16	RBC vs. LPS	-273.9	-607.0 to 59.13	No	ns	0.1462	B-G		
17	iRBC vs. RBCL	12.35	-343.7 to 368.4	No	ns	>0.9999	C-D		
18	iRBC vs. iRBCL	1.069	-355.0 to 357.1	No	ns	>0.9999	C-E		
19	iRBC vs. XO	-167.6	-523.6 to 188.5	No	ns	0.6973	C-F		
20	iRBC vs. LPS	-262.6	-595.6 to 70.46	No	ns	0.1769	C-G		
21	RBCL vs. iRBCL	-11.28	-367.3 to 344.8	No	ns	>0.9999	D-E		
22	RBCL vs. XO	-179.9	-536.0 to 176.1	No	ns	0.6291	D-F		
23	RBCL vs. LPS	-274.9	-608.0 to 58.11	No	ns	0.1436	D-G		
24	iRBCL vs. XO	-168.6	-524.7 to 187.4	No	ns	0.6915	E-F		
25	iRBCL vs. LPS	-263.7	-596.7 to 69.39	No	ns	0.1738	E-G		
26	XO vs. LPS	-95.03	-428.1 to 238.0	No	ns	0.9565	F-G		
27									
28	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
29	Control vs. RBC	1.629	3.357	-1.727	99.36	4	3	0.02459	16
30	Control vs. iRBC	1.629	14.69	-13.06	99.36	4	3	0.1859	16



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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10**
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10**
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- IL-10
- Ordinary one-way ANOVA

Ordinary one-way ANOVA		Multiple comparisons							
		Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
25	iRBCL vs. LPS	-263.7	-596.7 to 69.39	No	ns	0.1738	E-G		
26	XO vs. LPS	-95.03	-428.1 to 238.0	No	ns	0.9565	F-G		
27									
28	<b>Test details</b>								
29	Control vs. RBC	1.629	3.357	-1.727	99.36	4	3	0.02459	16
30	Control vs. iRBC	1.629	14.69	-13.06	99.36	4	3	0.1859	16
31	Control vs. RBCL	1.629	2.336	-0.7064	99.36	4	3	0.01005	16
32	Control vs. iRBCL	1.629	13.62	-11.99	99.36	4	3	0.1707	16
33	Control vs. XO	1.629	182.2	-180.6	99.36	4	3	2.571	16
34	Control vs. LPS	1.629	277.3	-275.7	91.99	4	4	4.238	16
35	RBC vs. iRBC	3.357	14.69	-11.33	106.2	3	3	0.1509	16
36	RBC vs. RBCL	3.357	2.336	1.021	106.2	3	3	0.01360	16
37	RBC vs. iRBCL	3.357	13.62	-10.26	106.2	3	3	0.1367	16
38	RBC vs. XO	3.357	182.2	-178.9	106.2	3	3	2.382	16
39	RBC vs. LPS	3.357	277.3	-273.9	99.36	3	4	3.899	16
40	iRBC vs. RBCL	14.69	2.336	12.35	106.2	3	3	0.1645	16
41	iRBC vs. iRBCL	14.69	13.62	1.069	106.2	3	3	0.01423	16
42	iRBC vs. XO	14.69	182.2	-167.6	106.2	3	3	2.231	16
43	iRBC vs. LPS	14.69	277.3	-262.6	99.36	3	4	3.738	16
44	RBCL vs. iRBCL	2.336	13.62	-11.28	106.2	3	3	0.1502	16
45	RBCL vs. XO	2.336	182.2	-179.9	106.2	3	3	2.395	16
46	RBCL vs. LPS	2.336	277.3	-274.9	99.36	3	4	3.914	16
47	iRBCL vs. XO	13.62	182.2	-168.6	106.2	3	3	2.245	16
48	iRBCL vs. LPS	13.62	277.3	-263.7	99.36	3	4	3.753	16
49	XO vs. LPS	182.2	277.3	-95.03	99.36	3	4	1.353	16
50									
51									
52									
53									
54									

Ordinary one-way ANOVA of IL-10 Row 1, Column A

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- + New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta**
- + New Analysis...

Ordinary one-way ANOVA						
ANOVA results						
1	Table Analyzed	IL-1beta				
2	Data sets analyzed	A-G				
3						
4	<b>ANOVA summary</b>					
5	F	33.74				
6	P value	<0.0001				
7	P value summary	****				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.9267				
10						
11	<b>Brown-Forsythe test</b>					
12	F (DFn, DFd)	3.309 (6, 16)				
13	P value	0.0259				
14	P value summary	*				
15	Are SDs significantly different (P < 0.05)?	Yes				
16						
17	<b>Bartlett's test</b>					
18	Bartlett's statistic (corrected)					
19	P value					
20	P value summary					
21	Are SDs significantly different (P < 0.05)?					
22						
23	<b>ANOVA table</b>	<b>SS</b>	<b>DF</b>	<b>MS</b>	<b>F (DFn, DFd)</b>	<b>P value</b>
24	Treatment (between columns)	136779514	6	22796586	F (6, 16) = 33.74	P<0.0001
25	Residual (within columns)	10811025	16	675689		
26	Total	147590540	22			
27						
28	<b>Data summary</b>					
29	Number of treatments (columns)	7				
30	Number of values (total)	23				

Ordinary one-way ANOVA of IL-1beta Row 11, Column D

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta
- New Analysis...

Family

- IL-1beta
- Ordinary one-way ANOVA
- IL-1beta

Ordinary one-way ANOVA									
Multiple comparisons									
1	Number of families	1							
2	Number of comparisons per family	21							
3	Alpha	0.05							
4									
5	<b>Tukey's multiple comparisons</b>	<b>Mean Diff.</b>	<b>95.00% CI of diff.</b>	<b>Significant?</b>	<b>Summary</b>	<b>Adjusted P Value</b>			
6	Control vs. RBC	-2.123	-2107 to 2102	No	ns	>0.9999		A-B	
7	Control vs. iRBC	-75.41	-2180 to 2029	No	ns	>0.9999		A-C	
8	Control vs. RBCL	-9.570	-2114 to 2095	No	ns	>0.9999		A-D	
9	Control vs. iRBCL	-126.6	-2231 to 1978	No	ns	>0.9999		A-E	
10	Control vs. XO	-3381	-5486 to -1276	Yes	***	0.0010		A-F	
11	Control vs. LPS	-6299	-8247 to -4351	Yes	****	<0.0001		A-G	
12	RBC vs. iRBC	-73.29	-2323 to 2177	No	ns	>0.9999		B-C	
13	RBC vs. RBCL	-7.448	-2257 to 2242	No	ns	>0.9999		B-D	
14	RBC vs. iRBCL	-124.5	-2374 to 2125	No	ns	>0.9999		B-E	
15	RBC vs. XO	-3379	-5629 to -1129	Yes	**	0.0019		B-F	
16	RBC vs. LPS	-6297	-8401 to -4192	Yes	****	<0.0001		B-G	
17	iRBC vs. RBCL	65.84	-2184 to 2316	No	ns	>0.9999		C-D	
18	iRBC vs. iRBCL	-51.18	-2301 to 2199	No	ns	>0.9999		C-E	
19	iRBC vs. XO	-3306	-5555 to -1056	Yes	**	0.0023		C-F	
20	iRBC vs. LPS	-6223	-8328 to -4119	Yes	****	<0.0001		C-G	
21	RBCL vs. iRBCL	-117.0	-2367 to 2133	No	ns	>0.9999		D-E	
22	RBCL vs. XO	-3371	-5621 to -1122	Yes	**	0.0019		D-F	
23	RBCL vs. LPS	-6289	-8394 to -4185	Yes	****	<0.0001		D-G	
24	iRBCL vs. XO	-3254	-5504 to -1005	Yes	**	0.0027		E-F	
25	iRBCL vs. LPS	-6172	-8277 to -4068	Yes	****	<0.0001		E-G	
26	XO vs. LPS	-2918	-5022 to -813.4	Yes	**	0.0040		F-G	
27									
28	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
29	Control vs. RBC	12.40	14.52	-2.123	627.8	4	3	0.004781	16
30	Control vs. iRBC	12.40	87.81	-75.41	627.8	4	3	0.1699	16

Ordinary one-way ANOVA of IL-1beta Row 2, Column B

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Search ANOVA results Multiple comparisons

▼ Data Tables

- TNF
- IL-6
- IL-10
- IL-1beta**
- New Data Table...

▼ Info

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

▼ Results

- Ordinary one-way ANOVA of TNF
- Ordinary one-way ANOVA of IL-6
- Ordinary one-way ANOVA of IL-10
- Ordinary one-way ANOVA of IL-1beta**
- New Analysis...

Family

- IL-1beta
- Ordinary one-way ANOVA
- IL-1beta

Ordinary one-way ANOVA		Multiple comparisons							
Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF	
22	RBCL vs. XO	-3371	-5621 to -1122	Yes	**	0.0019	D-F		
23	RBCL vs. LPS	-6289	-8394 to -4185	Yes	****	<0.0001	D-G		
24	iRBCL vs. XO	-3254	-5504 to -1005	Yes	**	0.0027	E-F		
25	iRBCL vs. LPS	-6172	-8277 to -4068	Yes	****	<0.0001	E-G		
26	XO vs. LPS	-2918	-5022 to -813.4	Yes	**	0.0040	F-G		
27									
28	<b>Test details</b>	<b>Mean 1</b>	<b>Mean 2</b>	<b>Mean Diff.</b>	<b>SE of diff.</b>	<b>n1</b>	<b>n2</b>	<b>q</b>	<b>DF</b>
29	Control vs. RBC	12.40	14.52	-2.123	627.8	4	3	0.004781	16
30	Control vs. iRBC	12.40	87.81	-75.41	627.8	4	3	0.1699	16
31	Control vs. RBCL	12.40	21.97	-9.570	627.8	4	3	0.02156	16
32	Control vs. iRBCL	12.40	139.0	-126.6	627.8	4	3	0.2852	16
33	Control vs. XO	12.40	3393	-3381	627.8	4	3	7.616	16
34	Control vs. LPS	12.40	6311	-6299	581.2	4	4	15.33	16
35	RBC vs. iRBC	14.52	87.81	-73.29	671.2	3	3	0.1544	16
36	RBC vs. RBCL	14.52	21.97	-7.448	671.2	3	3	0.01569	16
37	RBC vs. iRBCL	14.52	139.0	-124.5	671.2	3	3	0.2623	16
38	RBC vs. XO	14.52	3393	-3379	671.2	3	3	7.120	16
39	RBC vs. LPS	14.52	6311	-6297	627.8	3	4	14.18	16
40	iRBC vs. RBCL	87.81	21.97	65.84	671.2	3	3	0.1387	16
41	iRBC vs. iRBCL	87.81	139.0	-51.18	671.2	3	3	0.1078	16
42	iRBC vs. XO	87.81	3393	-3306	671.2	3	3	6.965	16
43	iRBC vs. LPS	87.81	6311	-6223	627.8	3	4	14.02	16
44	RBCL vs. iRBCL	21.97	139.0	-117.0	671.2	3	3	0.2466	16
45	RBCL vs. XO	21.97	3393	-3371	671.2	3	3	7.104	16
46	RBCL vs. LPS	21.97	6311	-6289	627.8	3	4	14.17	16
47	iRBCL vs. XO	139.0	3393	-3254	671.2	3	3	6.857	16
48	iRBCL vs. LPS	139.0	6311	-6172	627.8	3	4	13.90	16
49	XO vs. LPS	3393	6311	-2918	627.8	3	4	6.573	16
50									
51									

Ordinary one-way ANOVA of IL-1beta Row 2, Column B