

Fig 1A

Two-way RM ANOVA		Matching: Stacked			
Assume sphericity?	Yes				
Alpha		0,05			
Source of Variation	% of total variation	P value	P value summary	Significant?	
Time x Treatment		26	0,01 *	Yes	
Time		17	0,072 ns	No	
Treatment		22 <0,001	****	Yes	
Subject		0,27	0,992 ns	No	
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,89	8	0,11	F (8, 32) = 3,1	P=0,010
Time	0,59	8	0,073	F (8, 32) = 2,0	P=0,072
Treatment	0,75	1	0,75	F (1, 4) = 332	P<0,001
Subject	0,009	4	0,0023	F (4, 32) = 0,063	P=0,992
Residual	1,1	32	0,036		
Difference between column means					
Mean of Carrageenan		0,34			
Mean of Saline		0,58			
Difference between means		-0,24			
SE of difference		0,013			
95% CI of difference	-0,27 to -0,20				
Data summary					
Number of columns (Treatment)		2			
Number of rows (Time)		9			
Number of subjects (Subject)		6			
Number of missing values		0			

Compare each cell mean with the other cell mean in that row

Number of families	1				
Number of comparisons per family	9				
Alpha	0,05				
Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
Carrageenan - Saline					
0		0,059 -0,37 to 0,49	No	ns	>0,999
0.5		-0,56 -0,99 to -0,13	Yes	**	0,004
1		-0,51 -0,94 to -0,083	Yes	*	0,011
2		-0,5 -0,93 to -0,069	Yes	*	0,014
3		-0,46 -0,89 to -0,033	Yes	*	0,028
4		-0,088 -0,52 to 0,34	No	ns	>0,999
5		-0,17 -0,60 to 0,26	No	ns	0,921
6		0,076 -0,36 to 0,51	No	ns	>0,999
8		0,047 -0,38 to 0,48	No	ns	>0,999

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF	
Carrageenan - Saline									
0		0,53	0,48	0,059	0,15	3	3	0,41	36
0.5		0,071	0,63	-0,56	0,15	3	3	3,8	36
1		0,091	0,6	-0,51	0,15	3	3	3,5	36
2		0,074	0,57	-0,5	0,15	3	3	3,4	36
3		0,14	0,6	-0,46	0,15	3	3	3,2	36
4		0,52	0,61	-0,088	0,15	3	3	0,6	36
5		0,44	0,61	-0,17	0,15	3	3	1,2	36
6		0,62	0,55	0,076	0,15	3	3	0,52	36
8		0,6	0,55	0,047	0,15	3	3	0,32	36

Fig 1B

Two-way ANOVA		Ordinary				
Alpha		0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?		
Interaction	9.7	0,085	ns	No		
Time	6.6	0,0115	*	Yes		
Cell type	32	<0,0001	****	Yes		
ANOVA table		SS (Type III)	DF	MS	F (DFn, DFd)	P value
Interaction		4262966	12	355247	F (12, 92) = 1.7	P=0,0850
Time		2917241	4	729310	F (4, 92) = 3,4	P=0,0115
Cell type		14240042	3	4746681	F (3, 92) = 22	P<0,0001
Residual		19503313	92	211993		
Data summary						
Number of columns (Cell type)		4				
Number of rows (Time)		5				
Number of values		112				

Within each column, compare rows (simple effects within columns)

Number of families 4
 Number of comparisons per family 4
 Alpha 0,05

Dunnett's multiple comparisons to Predicted (LS) mean diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value	
F4/80					
0 vs. 1	-369	-897 to 159	No	ns	0,2629
0 vs. 2	-296	-824 to 232	No	ns	0,4636
0 vs. 3	-1136	-1664 to -608	Yes	****	<0,0001
0 vs. 7	-35	-703 to 633	No	ns	0,9998
CD3+					
0 vs. 1	-15	-725 to 694	No	ns	>0,9999
0 vs. 2	-11	-721 to 699	No	ns	>0,9999
0 vs. 3	-57	-767 to 653	No	ns	0,999
0 vs. 7	-39	-749 to 670	No	ns	0,9998
CD19+					
0 vs. 1	-4	-714 to 705	No	ns	>0,9999
0 vs. 2	-1,8	-711 to 708	No	ns	>0,9999
0 vs. 3	-12	-721 to 698	No	ns	>0,9999
0 vs. 7	-10	-720 to 699	No	ns	>0,9999
Other					
0 vs. 1	273	-437 to 983	No	ns	0,7722
0 vs. 2	316	-393 to 1026	No	ns	0,6692
0 vs. 3	-593	-1302 to 117	No	ns	0,133
0 vs. 7	-51	-761 to 658	No	ns	0,9993

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff,	SE of diff,	N1	N2	q	DF
F4/80								
0 vs. 1	374	743	-369	210	12	8	1,8	92
0 vs. 2	374	670	-296	210	12	8	1,4	92
0 vs. 3	374	1510	-1136	210	12	8	5,4	92
0 vs. 7	374	409	-35	266	12	4	0,13	92
CD3+								
0 vs. 1	31	46	-15	282	8	4	0,055	92
0 vs. 2	31	42	-11	282	8	4	0,039	92
0 vs. 3	31	88	-57	282	8	4	0,2	92
0 vs. 7	31	70	-39	282	8	4	0,14	92
CD19+								
0 vs. 1	13	17	-4	282	8	4	0,014	92
0 vs. 2	13	15	-1,8	282	8	4	0,0065	92
0 vs. 3	13	25	-12	282	8	4	0,042	92
0 vs. 7	13	23	-10	282	8	4	0,037	92
Other								
0 vs. 1	844	571	273	282	8	4	0,97	92
0 vs. 2	844	528	316	282	8	4	1,1	92
0 vs. 3	844	1437	-593	282	8	4	2,1	92
0 vs. 7	844	895	-51	282	8	4	0,18	92

Fig 1C

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	14	<0,001	****	Yes
Time	61	<0,001	****	Yes
Treatment	11	<0,001	****	Yes
Subject	1,9	0,459	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,66	7	0,094	F (7, 63) = 9,3	P<0,001
Time	3	7	0,43	F (7, 63) = 42	P<0,001
Treatment	0,52	1	0,52	F (1, 9) = 52	P<0,001
Subject	0,091	9	0,01	F (9, 63) = 0,99	P=0,459
Residual	0,64	63	0,01		

Difference between column means
 Mean of Depleted Carragee 0,15
 Mean of Non-depleted Car 0,31
 Difference between means -0,16
 SE of difference 0,022
 95% CI of difference -0,21 to -0,11

Data summary
 Number of columns (Treatr 2
 Number of rows (Time) 8
 Number of subjects (Subje 11
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons pe 8
 Alpha 0,05

Sidak's multiple comparison	Predicted (LS) mean diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
Depleted Carrageenan - Non-depleted Carrageenan					
0	-0,084	-0,26 to 0,093	No	ns	0,807
0,5	0,012	-0,17 to 0,19	No	ns	>0,999
1	0,002	-0,18 to 0,18	No	ns	>0,999
2	0,014	-0,16 to 0,19	No	ns	>0,999
3	-0,087	-0,26 to 0,091	No	ns	0,78
4	-0,28	-0,46 to -0,10	Yes	***	<0,001
5	-0,47	-0,65 to -0,30	Yes	****	<0,001
6	-0,38	-0,56 to -0,21	Yes	****	<0,001

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff,	SE of diff,	N1	N2	t	DF
Depleted Carrageenan - Non-depleted Carrageenan								
0	0,61	0,69	-0,084	0,063	7	4	1,3	72
0,5	0,047	0,035	0,012	0,063	7	4	0,19	72
1	0,054	0,052	0,002	0,063	7	4	0,031	72
2	0,077	0,064	0,014	0,063	7	4	0,22	72
3	0,095	0,18	-0,087	0,063	7	4	1,4	72
4	0,093	0,37	-0,28	0,063	7	4	4,4	72
5	0,092	0,57	-0,47	0,063	7	4	7,5	72
6	0,1	0,49	-0,38	0,063	7	4	6,1	72

Fig 1D

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	7,2	0,014	*	Yes
Time	58	<0,001	****	Yes
Treatment	5,3	0,023	*	Yes
Subject	5,4	0,09	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,2	7	0,029	F (7, 56) = 2,8	P=0,014
Time	1,6	7	0,23	F (7, 56) = 23	P<0,001
Treatment	0,15	1	0,15	F (1, 8) = 7,9	P=0,023
Subject	0,15	8	0,019	F (8, 56) = 1,8	P=0,090
Residual	0,58	56	0,01		

Difference between column means
 Mean of depl-veh 0,14
 Mean of depl-MN 0,23
 Difference between means -0,088
 SE of difference 0,031
 95% CI of difference -0,16 to -0,016

Data summary
 Number of columns (Treatr 2
 Number of rows (Time) 8
 Number of subjects (Subje 10
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per 8
 Alpha 0,05

Sidak's multiple comparison	Predicted (LS) mean diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
depl-veh - depl-MN					
0	-0,0066	-0,20 to 0,19	No	ns	>0,999
2	-0,0056	-0,20 to 0,19	No	ns	>0,999
3	-0,00082	-0,19 to 0,19	No	ns	>0,999
6	-0,021	-0,22 to 0,17	No	ns	>0,999
6,05	-0,047	-0,24 to 0,15	No	ns	0,996
6,15	-0,11	-0,31 to 0,081	No	ns	0,592
6,7	-0,28	-0,47 to -0,081	Yes	**	0,001
7	-0,23	-0,43 to -0,041	Yes	**	0,009

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff,	SE of diff,	N1	N2	t	DF
depl-veh - depl-MN								
0	0,53	0,54	-0,0066	0,069	4	6	0,096	64
2	0,055	0,061	-0,0056	0,069	4	6	0,081	64
3	0,071	0,072	-0,00082	0,069	4	6	0,012	64
6	0,077	0,099	-0,021	0,069	4	6	0,31	64
6,05	0,1	0,15	-0,047	0,069	4	6	0,68	64
6,15	0,11	0,22	-0,11	0,069	4	6	1,6	64
6,7	0,1	0,38	-0,28	0,069	4	6	4	64
7	0,097	0,33	-0,23	0,069	4	6	3,4	64

Fig 1E

Two-way RM ANOVA		Matching: Stacked			
Assume sphericity?	Yes				
Alpha	0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?	
Time x Treatment	24	<0,001	****	Yes	
Time	41	<0,001	****	Yes	
Treatment	21	<0,001	****	Yes	
Subject	0,73	0,825	ns	No	
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	1,5	10	0,15	F (10, 80) = 14	P<0,001
Time	2,6	10	0,26	F (10, 80) = 24	P<0,001
Treatment	1,3	1	1,3	F (1, 8) = 232	P<0,001
Subject	0,046	8	0,0058	F (8, 80) = 0,54	P=0,825
Residual	0,86	80	0,011		
Difference between column means					
Mean of Depleted carr M1	0,088				
Mean of Depleted carr M2	0,31				
Difference between means	-0,22				
SE of difference	0,015				
95% CI of difference	-0,25 to -0,19				
Data summary					
Number of columns (Treatment)	2				
Number of rows (Time)	11				
Number of subjects (Subject)	10				
Number of missing values	0				

Compare each cell mean with the other cell mean in that row

Number of families		Number of comparisons per family		Alpha				
Number of families	1							
Number of comparisons per family	11							
Alpha	0,05							
Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value			
Depleted carr M1 - Depleted carr M2								
0	0,012	-0,17 to 0,20	No	ns	>0,999			
2	0,012	-0,18 to 0,20	No	ns	>0,999			
4	0,0074	-0,18 to 0,19	No	ns	>0,999			
6	-0,0033	-0,19 to 0,18	No	ns	>0,999			
6,05	-0,023	-0,21 to 0,16	No	ns	>0,999			
6,15	-0,099	-0,29 to 0,088	No	ns	0,778			
6,7	-0,32	-0,51 to -0,14	Yes	****	<0,001			
7	-0,49	-0,68 to -0,31	Yes	****	<0,001			
8	-0,45	-0,64 to -0,26	Yes	****	<0,001			
9	-0,6	-0,79 to -0,42	Yes	****	<0,001			
10	-0,47	-0,66 to -0,28	Yes	****	<0,001			
Test details								
	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
Depleted carr M1 - Depleted carr M2								
0	0,52	0,51	0,012	0,064	5	5	0,19	88
2	0,04	0,028	0,012	0,064	5	5	0,18	88
4	0,039	0,032	0,0074	0,064	5	5	0,12	88
6	0,041	0,044	-0,0033	0,064	5	5	0,052	88
6,05	0,034	0,058	-0,023	0,064	5	5	0,36	88
6,15	0,039	0,14	-0,099	0,064	5	5	1,5	88
6,7	0,046	0,37	-0,32	0,064	5	5	5	88
7	0,062	0,56	-0,49	0,064	5	5	7,7	88
8	0,056	0,51	-0,45	0,064	5	5	7	88
9	0,044	0,65	-0,6	0,064	5	5	9,4	88
10	0,054	0,52	-0,47	0,064	5	5	7,3	88

Fig 2A

Table Analyzed IB lysM MitoDendra mice

Column B ipsi
vs. vs,
Column A contra

Paired t test

P value 0,0204
P value summary *
Significantly different ($P < 0.05$)? Yes
One- or two-tailed P value? Two-tailed
t, df $t=3,347$, $df=5$
Number of pairs 6

How big is the difference?

Mean of differences (B - A) 2,954
SD of differences 2,162
SEM of differences 0,8827
95% confidence interval 0,6854 to 5,223
R squared (partial eta squared) 0,6914

How effective was the pairing?

Correlation coefficient (r) -0,0783
P value (one tailed) 0,4414
P value summary ns
Was the pairing significantly effec No

Fig 2C

ANOVA summary

F	10.21
P value	<0.001
P value summary	***
Significant diff. among means (P < 0.05)?	Yes
R squared	0.7185

Brown-Forsythe test

F (DFn, DFd)	0.2093 (4, 16)
P value	0.93
P value summary	ns
Are SDs significantly different (P < 0.05)?	No

Bartlett's test

Bartlett's statistic (corrected)	
P value	
P value summary	
Are SDs significantly different (P < 0.05)?	

ANOVA table

	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	21177550039	4	5294387510	F(4, 16) = 10.21	P<0.001
Residual (within columns)	8298024613	16	518626538		
Total	29475574652	20			

Data summary

Number of treatments (columns)	5
Number of values (total)	21

Number of families

Number of comparisons per family	10
Alpha	0.05

Tukey's multiple comparisons test

	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value	
MMdtr + Carr + MF vs. MMdtr + vehicle + MF	68534	24803 to 112265	Yes	**	0.002	A-B
MMdtr + Carr + MF vs. MMdtr + Carr + Sonic MF	63860	15714 to 112006	Yes	**	0.007	A-C
MMdtr + Carr + MF vs. WT + Carr + MF (resolved pain)	50349	6618 to 94080	Yes	*	0.02	A-D
MMdtr + Carr + MF vs. MMdtr + Vehicle + PBS	79995	31849 to 128141	Yes	***	<0.001	A-E
MMdtr + vehicle + MF vs. MMdtr + Carr + Sonic MF	-4675	-57962 to 48613	No	ns	0.999	B-C
MMdtr + vehicle + MF vs. WT + Carr + MF (resolved pain)	-18186	-67520 to 31149	No	ns	0.789	B-D
MMdtr + vehicle + MF vs. MMdtr + Vehicle + PBS	11461	-41827 to 64749	No	ns	0.962	B-E
MMdtr + Carr + Sonic MF vs. WT + Carr + MF (resolved pain)	-13511	-66799 to 39777	No	ns	0.934	C-D
MMdtr + Carr + Sonic MF vs. MMdtr + Vehicle + PBS	16136	-40831 to 73103	No	ns	0.905	C-E
WT + Carr + MF (resolved pain) vs. MMdtr + Vehicle + PBS	29647	-23641 to 82934	No	ns	0.459	D-E

Test details

	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
MMdtr + Carr + MF vs. MMdtr + vehicle + MF	142572	74038	68534	14274	7	4	6.79	16
MMdtr + Carr + MF vs. MMdtr + Carr + Sonic MF	142572	78712	63860	15715	7	3	5.747	16
MMdtr + Carr + MF vs. WT + Carr + MF (resolved pain)	142572	92223	50349	14274	7	4	4.988	16
MMdtr + Carr + MF vs. MMdtr + Vehicle + PBS	142572	62577	79995	15715	7	3	7.199	16
MMdtr + vehicle + MF vs. MMdtr + Carr + Sonic MF	74038	78712	-4675	17393	4	3	0.3801	16
MMdtr + vehicle + MF vs. WT + Carr + MF (resolved pain)	74038	92223	-18186	16103	4	4	1.597	16
MMdtr + vehicle + MF vs. MMdtr + Vehicle + PBS	74038	62577	11461	17393	4	3	0.9319	16
MMdtr + Carr + Sonic MF vs. WT + Carr + MF (resolved pain)	78712	92223	-13511	17393	3	4	1.099	16
MMdtr + Carr + Sonic MF vs. MMdtr + Vehicle + PBS	78712	62577	16136	18594	3	3	1.227	16
WT + Carr + MF (resolved pain) vs. MMdtr + Vehicle + PBS	92223	62577	29647	17393	4	3	2.41	16

Fig 2D

Two-way RM ANOVA		Matching: Stacked	
Assume sphericity?	Yes		
Alpha	0,05		

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	13,51	0,036	-	Yes
Time	7,507	0,005	..	Yes
Treatment	62,58	<0,001	----	Yes
Subject	0,2945	0,979	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,9537	30	0,03179	F (30, 60) = 1,726	P=0,036
Time	0,53	10	0,053	F (10, 60) = 2,878	P=0,005
Treatment	4,419	3	1,473	F (3, 6) = 425,0	P<0,001
Subject	0,0208	6	0,003466	F (6, 60) = 0,1882	P=0,979
Residual	1,105	60	0,01842		

Data summary

Number of columns (Treatment)	4
Number of rows (Time)	11
Number of subjects (Subject)	10
Number of missing values	0

Within each row, compare columns (simple effects within rows)

Number of families	11
Number of comparisons per family	3
Alpha	0,05

Dunnett's multiple comparisons test

	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value
0					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	-0,1094	-0,3975 to 0,1787	No	ns	0,698
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,006109	-0,2820 to 0,2942	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,03487	-0,2228 to 0,2926	No	ns	0,979
2					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	-0,004295	-0,2924 to 0,2838	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4481	-0,7362 to -0,1600	Yes	**	0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,5237	-0,7814 to -0,2660	Yes	***	<0,001
4					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	-0,004721	-0,2928 to 0,2834	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,548	-0,8361 to -0,2599	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,436	-0,6937 to -0,1783	Yes	**	<0,001
6					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,008612	-0,2795 to 0,2967	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4534	-0,7415 to -0,1653	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,4431	-0,7007 to -0,1854	Yes	**	<0,001
6,05					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,005837	-0,2823 to 0,2939	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,5092	-0,7973 to -0,2211	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,4075	-0,6652 to -0,1498	Yes	**	<0,001
6,15					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,1167	-0,1714 to 0,4048	No	ns	0,656
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4291	-0,7172 to -0,1410	Yes	**	0,002
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,2934	-0,5511 to -0,03575	Yes	*	0,021
6,7					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,3434	0,05532 to 0,6315	Yes	*	0,015
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,07175	-0,3598 to 0,2163	No	ns	0,887
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,187	-0,4447 to 0,07066	No	ns	0,208
7					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,04919	-0,2389 to 0,3373	No	ns	0,959
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,5251	-0,8132 to -0,2370	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,5495	-0,8072 to -0,2918	Yes	***	<0,001
8					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,004768	-0,2833 to 0,2929	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4107	-0,6988 to -0,1226	Yes	**	0,003
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,467	-0,7246 to -0,2093	Yes	**	<0,001
9					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,002738	-0,2854 to 0,2908	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4883	-0,7764 to -0,2002	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,4555	-0,7132 to -0,1978	Yes	**	<0,001
10					
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,001716	-0,2964 to 0,2899	No	ns	>0,999
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	-0,4813	-0,7694 to -0,1932	Yes	***	<0,001
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	-0,4193	-0,6769 to -0,1616	Yes	**	<0,001

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
0								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,5129	0,6223	-0,1094	0,1192	3	2	0,9176	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,5129	0,5088	0,006109	0,1192	3	2	0,05124	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,5129	0,478	0,03487	0,1066	3	3	0,327	66
2								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,02917	0,03346	-0,004295	0,1192	3	2	0,03602	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,02917	0,4773	-0,4481	0,1192	3	2	3,758	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,02917	0,5529	-0,5237	0,1066	3	3	4,911	66
4								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,03711	0,04183	-0,004721	0,1192	3	2	0,03959	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,03711	0,5852	-0,548	0,1192	3	2	4,597	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,03711	0,4731	-0,436	0,1066	3	3	4,089	66
6								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,06562	0,05701	0,008612	0,1192	3	2	0,07224	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,06562	0,519	-0,4534	0,1192	3	2	3,803	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,06562	0,5087	-0,4431	0,1066	3	3	4,155	66
6,05								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,06794	0,0621	0,005837	0,1192	3	2	0,04896	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,06794	0,5772	-0,5092	0,1192	3	2	4,271	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,06794	0,4754	-0,4075	0,1066	3	3	3,821	66
6,15								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,1708	0,05407	0,1167	0,1192	3	2	0,9787	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,1708	0,5999	-0,4291	0,1192	3	2	3,599	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,1708	0,4642	-0,2934	0,1066	3	3	2,752	66
6,7								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,4055	0,0621	0,3434	0,1192	3	2	2,88	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,4055	0,4773	-0,07175	0,1192	3	2	0,6018	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,4055	0,5925	-0,187	0,1066	3	3	1,754	66
7								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,09294	0,04375	0,04919	0,1192	3	2	0,4126	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,09294	0,6191	-0,5251	0,1192	3	2	4,405	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,09294	0,6424	-0,5495	0,1066	3	3	5,153	66
8								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,06687	0,0621	0,004768	0,1192	3	2	0,03999	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,06687	0,4776	-0,4107	0,1192	3	2	3,445	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,06687	0,5338	-0,467	0,1066	3	3	4,379	66
9								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,06883	0,06609	0,002738	0,1192	3	2	0,02296	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,06883	0,5571	-0,4883	0,1192	3	2	4,096	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,06883	0,5243	-0,4555	0,1066	3	3	4,272	66
10								
Depleted carr WT sup-mito vs. Depleted carr sonicated sup-mito	0,07584	0,07413	0,001716	0,1192	3	2	0,01439	66
Depleted carr WT sup-mito vs. Depleted Vehicle sonicated sup-mito	0,07584	0,5571	-0,4813	0,1192	3	2	4,037	66
Depleted carr WT sup-mito vs. Depleted Vehicle WT sup-mito	0,07584	0,4951	-0,4193	0,1066	3	3	3,932	66

Fig 2E

Two-way RM ANOVA		Matching: Stacked						
Assume sphericity?	Yes							
Alpha	0,05							
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Treatment	13,57	<0,001	***	Yes				
Time	7,269	<0,001	***	Yes				
Treatment	51,46	<0,001	****	Yes				
Subject	3,25	0,537	ns	No				
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value			
Time x Treatment	1,512	21	0,07202	F (21, 112) = 2,958	P<0,001			
Time	0,8104	7	0,1158	F (7, 112) = 4,755	P<0,001			
Treatment	5,736	3	1,912	F (3, 16) = 84,44	P<0,001			
Subject	0,3623	16	0,02264	F (16, 112) = 0,9301	P=0,537			
Residual	2,727	112	0,02435					
Data summary								
Number of columns (Treatment)	4							
Number of rows (Time)	8							
Number of subjects (Subject)	20							
Number of missing values	0							
Within each row, compare columns (simple effects within rows)								
Number of families	8							
Number of comparisons per family	3							
Alpha	0,05							
Dunnett's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value			
0								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,07681	-0,1568 to 0,3104	No	ns	0,774			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,02367	-0,2099 to 0,2572	No	ns	0,99			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,02218	-0,2558 to 0,2114	No	ns	0,992			
2								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,4403	-0,6739 to -0,2067	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,001053	-0,2325 to 0,2346	No	ns	>0,999			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,5371	-0,7706 to -0,3035	Yes	****	<0,001			
4								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,5378	-0,7714 to -0,3043	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,01047	-0,2231 to 0,2440	No	ns	>0,999			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,513	-0,7466 to -0,2795	Yes	****	<0,001			
6								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,4086	-0,6421 to -0,1750	Yes	***	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,01989	-0,2137 to 0,2535	No	ns	0,994			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,4555	-0,6891 to -0,2219	Yes	****	<0,001			
6,05								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,4095	-0,6430 to -0,1759	Yes	***	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,0008894	-0,2327 to 0,2345	No	ns	>0,999			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,4895	-0,7231 to -0,2560	Yes	****	<0,001			
6,15								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,4923	-0,7259 to -0,2587	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,1402	-0,3738 to 0,09337	No	ns	0,349			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,3657	-0,5993 to -0,1321	Yes	***	<0,001			
6,7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,3896	-0,6231 to -0,1560	Yes	***	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,3425	-0,5761 to -0,1089	Yes	**	0,002			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,5259	-0,7595 to -0,2923	Yes	****	<0,001			
7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,5195	-0,7531 to -0,2860	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,4091	-0,2745 to 0,1927	No	ns	0,954			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,4512	-0,6848 to -0,2176	Yes	****	<0,001			
Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	q	DF
0								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,5281	0,4513	0,07681	0,09825	5	5	0,7818	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,5281	0,5044	0,02367	0,09825	5	5	0,2409	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,5281	0,5503	-0,02218	0,09825	5	5	0,2257	128
2								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,04828	0,4886	-0,4403	0,09825	5	5	4,481	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,04828	0,04723	0,001053	0,09825	5	5	0,01071	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,04828	0,5853	-0,5371	0,09825	5	5	5,466	128
4								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,04847	0,5863	-0,5378	0,09825	5	5	5,474	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,04847	0,038	0,01047	0,09825	5	5	0,1065	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,04847	0,5615	-0,513	0,09825	5	5	5,222	128
6								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,07008	0,4786	-0,4086	0,09825	5	5	4,158	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,07008	0,05019	0,01989	0,09825	5	5	0,2025	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,07008	0,5256	-0,4555	0,09825	5	5	4,636	128
6,05								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,07209	0,4815	-0,4095	0,09825	5	5	4,167	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,07209	0,0712	0,0008894	0,09825	5	5	0,009052	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,07209	0,5616	-0,4895	0,09825	5	5	4,983	128
6,15								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,09539	0,5877	-0,4923	0,09825	5	5	5,01	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,09539	0,2356	-0,1402	0,09825	5	5	1,427	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,09539	0,4611	-0,3657	0,09825	5	5	3,722	128
6,7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,0872	0,4768	-0,3896	0,09825	5	5	3,965	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,0872	0,4297	-0,3425	0,09825	5	5	3,486	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,0872	0,6131	-0,5259	0,09825	5	5	5,353	128
7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	0,08464	0,6042	-0,5195	0,09825	5	5	5,288	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,08464	0,1256	-0,04091	0,09825	5	5	0,4164	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	0,08464	0,5359	-0,4512	0,09825	5	5	4,593	128

Fig 3A

Two-way RM ANOVA		Matching: Stacked						
Assume sphericity?	Yes							
Alpha	0,05							
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Column Factor	15,36	<0,0001	****	Yes				
Time	63,26	<0,0001	****	Yes				
Column Factor	13,38	0,0001	***	Yes				
Subject	2,143	0,0186	*	Yes				
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value			
Time x Column Factor	0,6257	7	0,08939	F (7, 56) = 20,99	P<0,0001			
Time	2,576	7	0,3681	F (7, 56) = 86,43	P<0,0001			
Column Factor	0,5451	1	0,5451	F (1, 8) = 49,95	P=0,0001			
Subject	0,0873	8	0,01091	F (8, 56) = 2,562	P=0,0186			
Residual	0,2385	56	0,004259					
Difference between column means								
Mean of WT	0,279							
Mean of CD200R KO	0,1139							
Difference between means	0,1651							
SE of difference	0,02336							
95% CI of difference	0,1112 to 0,2190							
Data summary								
Number of columns (Column Factor)	2							
Number of rows (Time)	8							
Number of subjects (Subject)	10							
Number of missing values	0							
Compare each cell mean with the other cell mean in that row								
Number of families	1							
Number of comparisons per family	8							
Alpha	0,05							
Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value			
WT - CD200R KO								
0	0,07702	-0,05021 to 0,2043	No	ns	0,5407			
1	0,008858	-0,1184 to 0,1361	No	ns	>0,9999			
2	0,001166	-0,1261 to 0,1284	No	ns	>0,9999			
3	0,0186	-0,1086 to 0,1458	No	ns	0,9999			
4	0,128	0,0007474 to 0,2552	Yes	*	0,0478			
6	0,1771	0,04991 to 0,3044	Yes	**	0,0017			
8	0,4447	0,3175 to 0,5719	Yes	****	<0,0001			
15	0,4652	0,3380 to 0,5924	Yes	****	<0,0001			
Test details								
	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
WT - CD200R KO								
0	0,6132	0,5362	0,07702	0,04512	5	5	1,707	64
1	0,04282	0,03396	0,008858	0,04512	5	5	0,1963	64
2	0,03391	0,03275	0,001166	0,04512	5	5	0,02585	64
3	0,05094	0,03235	0,0186	0,04512	5	5	0,4121	64
4	0,161	0,033	0,128	0,04512	5	5	2,836	64
6	0,2474	0,07025	0,1771	0,04512	5	5	3,926	64
8	0,5298	0,08505	0,4447	0,04512	5	5	9,855	64
15	0,5531	0,08789	0,4652	0,04512	5	5	10,31	64

Fig 3B

Two-way RM ANOVA		Matching: Stacked						
Assume sphericity?	Yes							
Alpha	0.05							
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Treatment	13	<0.001	****	Yes				
Time	8.9	<0.001	****	Yes				
Treatment	51	<0.001	****	Yes				
Subject	3.6	0.338	ns	No				
ANOVA table								
Time x Treatment	SS	DF	MS	F (Dfn, DFd)	P value			
Time	2.2	35	0.064	F (35, 182) = 3.0	P<0.001			
Treatment	1.5	7	0.22	F (7, 182) = 10	P<0.001			
Subject	8.8	5	1.8	F (5, 26) = 74	P<0.001			
Residual	0.62	26	0.024	F (26, 182) = 1.1	P=0.338			
Data summary								
Number of columns (Treatment)	6							
Number of rows (Time)	8							
Number of subjects (Subject)	32							
Number of missing values	0							
Within each row, compare columns (simple effects within rows)								
Number of families	8							
Number of comparisons per family	5							
Alpha	0.05							
Dunnett's multiple comparisons test	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
0								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.064	-0.16 to 0.29	No	ns	0.932			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.044	-0.18 to 0.27	No	ns	0.985			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.037	-0.28 to 0.19	No	ns	0.993			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.022	-0.21 to 0.25	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.04	-0.18 to 0.26	No	ns	0.988			
2								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	-0.003	-0.23 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.49	-0.72 to -0.26	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.003	-0.23 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.47	-0.70 to -0.25	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.42	-0.64 to -0.21	Yes	****	<0.001			
4								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.0056	-0.22 to 0.23	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.51	-0.74 to -0.28	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.012	-0.24 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.37	-0.60 to -0.14	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.52	-0.74 to -0.30	Yes	****	<0.001			
6								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.0041	-0.22 to 0.23	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.37	-0.60 to -0.15	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.0073	-0.23 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.48	-0.71 to -0.25	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.42	-0.63 to -0.20	Yes	****	<0.001			
6.05								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	-0.0043	-0.23 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.45	-0.67 to -0.22	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.0092	-0.22 to 0.24	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.49	-0.72 to -0.27	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.45	-0.67 to -0.23	Yes	****	<0.001			
6.15								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	-0.0023	-0.23 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.44	-0.67 to -0.21	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.036	-0.26 to 0.19	No	ns	0.994			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.54	-0.77 to -0.32	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.43	-0.65 to -0.21	Yes	****	<0.001			
6.3								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.026	-0.20 to 0.25	No	ns	0.998			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.41	-0.63 to -0.18	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.29	-0.51 to -0.069	Yes	***	0.007			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.39	-0.61 to -0.16	Yes	***	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.35	-0.57 to -0.13	Yes	***	<0.001			
6.7								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	-0.011	-0.24 to 0.22	No	ns	>0.999			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	-0.51	-0.74 to -0.28	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	-0.33	-0.55 to -0.10	Yes	***	0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	-0.45	-0.68 to -0.23	Yes	****	<0.001			
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	-0.49	-0.71 to -0.28	Yes	****	<0.001			
Test details	Predicted (LS) mean 1	Predicted (LS) mean	Predicted (LS) mean	SE of diff.	N1	N2	q	DF
0								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.53	0.47	0.064	0.089	6	5	0.72	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.53	0.49	0.044	0.089	6	5	0.49	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.53	0.57	-0.037	0.089	6	5	0.42	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.53	0.51	0.022	0.089	6	5	0.24	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.53	0.49	0.04	0.085	6	6	0.47	208
2								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.028	0.031	-0.003	0.089	6	5	0.033	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.028	0.52	-0.49	0.089	6	5	5.5	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.028	0.031	-0.003	0.089	6	5	0.034	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.028	0.5	-0.47	0.089	6	5	5.3	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.028	0.45	-0.42	0.085	6	6	5	208
4								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.047	0.042	0.0056	0.089	6	5	0.062	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.047	0.56	-0.51	0.089	6	5	5.7	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.047	0.059	-0.012	0.089	6	5	0.13	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.047	0.42	-0.37	0.089	6	5	4.2	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.047	0.57	-0.52	0.085	6	6	6.1	208
6								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.04	0.036	0.0041	0.089	6	5	0.046	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.04	0.41	-0.37	0.089	6	5	4.2	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.04	0.047	-0.0073	0.089	6	5	0.082	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.04	0.52	-0.48	0.089	6	5	5.4	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.04	0.46	-0.42	0.085	6	6	4.9	208
6.05								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.059	0.063	-0.0043	0.089	6	5	0.048	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.059	0.51	-0.45	0.089	6	5	5	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.059	0.05	0.0092	0.089	6	5	0.1	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.059	0.55	-0.49	0.089	6	5	5.5	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.059	0.51	-0.45	0.085	6	6	5.3	208
6.15								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.064	0.066	-0.0023	0.089	6	5	0.026	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.064	0.5	-0.44	0.089	6	5	4.9	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.064	0.099	-0.036	0.089	6	5	0.4	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.064	0.61	-0.54	0.089	6	5	6.1	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.064	0.49	-0.43	0.085	6	6	5.1	208
6.3								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.088	0.062	0.026	0.089	6	5	0.29	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.088	0.5	-0.41	0.089	6	5	4.6	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.088	0.38	-0.29	0.089	6	5	3.2	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.088	0.47	-0.39	0.089	6	5	4.3	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.088	0.44	-0.35	0.085	6	6	4.1	208
6.7								
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - Vehicle (n=5)	0.053	0.064	-0.011	0.089	6	5	0.12	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - Vehicle	0.053	0.56	-0.51	0.089	6	5	5.7	208
Carr - CD200R-/- - CD200R MF vs. Carr - CD200R-/- - WT MF	0.053	0.38	-0.33	0.089	6	5	3.7	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - WT MF	0.053	0.51	-0.45	0.089	6	5	5.1	208
Carr - CD200R-/- - CD200R MF vs. Saline - CD200R-/- - CD200R MF	0.053	0.55	-0.49	0.085	6	6	5.8	208

Fig 3C

ANOVA summary

F	5.09
P value	0.0206
P value summary	*
Significant diff. among means (P < 0.05)?	Yes
R squared	0.4043

Brown-Forsythe test

F (DFn, DFd)	5.491 (2, 15)
P value	0.0162
P value summary	*
Are SDs significantly different (P < 0.05)?	Yes

Bartlett's test

Bartlett's statistic (corrected)	7.902
P value	0.0192
P value summary	*
Are SDs significantly different (P < 0.05)?	Yes

ANOVA table

	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	2879756447	2	1439878223	F (2, 15) = 5,090	P=0,0206
Residual (within columns)	4243449197	15	282896613		
Total	7123205644	17			

Data summary

Number of treatments (columns)	3
Number of values (total)	18

Number of families

Number of families	1
Number of comparisons per family	2
Alpha	0.05

Holm-Sidak's multiple comparisons test

	Mean Diff.	Significant?	Summary	Adjusted P Value	A-?	
WT vs. Cd200r ^{-/-}	23322	Yes	*	0,0297	B	Cd200r ^{-/-}
WT vs. PBS	29325	Yes	*	0,0172	C	PBS

Test details

	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	t	DF
WT vs. Cd200r ^{-/-}	76176	52854	23322	9711	6	6	2,402	15
WT vs. PBS	76176	46851	29325	9711	6	6	3,02	15

Fig 3D

Two-way RM ANOVA		Matching: Stacked						
Assume sphericity?	Yes							
Alpha	0.05							
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Treatment	11.36	<0.0001	****	Yes				
Time	74.72	<0.0001	****	Yes				
Treatment	3.943	<0.0001	****	Yes				
Subject	0.6008	0.9076	ns	No				
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value			
Time x Treatment	0.2723	14	0.01968	F (14, 70) = 8.266	P<0.0001			
Time	1.83	7	0.2615	F (7, 70) = 82.41	P<0.0001			
Treatment	0.09658	2	0.04829	F (2, 10) = 32.81	P<0.0001			
Subject	0.01472	10	0.001472	F (10, 70) = 0.4639	P=0.9076			
Residual	0.2221	70	0.003173					
Data summary								
Number of columns (Treatment)	3							
Number of rows (Time)	8							
Number of subjects (Subject)	13							
Number of missing values	0							
Within each row, compare columns (simple effects within rows)								
Number of families	8							
Number of comparisons per family	2							
Alpha	0.05							
Dunnett's multiple comparisons test	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
0								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.003695	-0.08281 to 0.09020	No	ns	0.9931			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.01612	-0.06594 to 0.09818	No	ns	0.8664			
2								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.005812	-0.08069 to 0.09231	No	ns	0.9831			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.00444	-0.07762 to 0.08850	No	ns	0.989			
6								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0.00499	-0.09149 to 0.08151	No	ns	0.9875			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	-0.003092	-0.08515 to 0.07897	No	ns	0.9946			
8								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0.00049	-0.08699 to 0.08601	No	ns	0.9999			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	-0.006372	-0.08843 to 0.07569	No	ns	0.9775			
8.05								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.04005	-0.04645 to 0.1266	No	ns	0.4749			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.05799	-0.02407 to 0.1401	No	ns	0.1993			
8.15								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.1225	0.03600 to 0.2090	Yes	**	0.004			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.1305	0.04844 to 0.2126	Yes	**	0.0012			
8.4								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.3288	0.2423 to 0.4153	Yes	****	<0.0001			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.3477	0.2656 to 0.4298	Yes	****	<0.0001			
9								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.02	-0.06650 to 0.1065	No	ns	0.8209			
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	-0.0095	-0.09156 to 0.07256	No	ns	0.9508			
Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
0								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.468	0.4643	0.003695	0.03847	4	4	0.09605	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.468	0.4519	0.01612	0.0365	4	5	0.4416	80
2								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.04119	0.03538	0.005812	0.03847	4	4	0.1511	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.04119	0.03675	0.00444	0.0365	4	5	0.1217	80
6								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.04408	0.04907	-0.00499	0.03847	4	4	0.1297	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.04408	0.04717	-0.003092	0.0365	4	5	0.08472	80
8								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.04373	0.04422	-0.00049	0.03847	4	4	0.01274	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.04373	0.0501	-0.006372	0.0365	4	5	0.1746	80
8.05								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.09349	0.05344	0.04005	0.03847	4	4	1.041	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.09349	0.0355	0.05799	0.0365	4	5	1.589	80
8.15								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.1925	0.07	0.1225	0.03847	4	4	3.184	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.1925	0.062	0.1305	0.0365	4	5	3.576	80
8.4								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.3914	0.06259	0.3288	0.03847	4	4	8.547	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.3914	0.04369	0.3477	0.0365	4	5	9.527	80
9								
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0.0725	0.0525	0.02	0.03847	4	4	0.5199	80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0.0725	0.082	-0.0095	0.0365	4	5	0.2603	80

Fig 4B

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Column Factor (treatment)	7,828	<0,0001	****	Yes
Time	4,315	<0,0001	****	Yes
Column Factor	9,13	<0,0001	****	Yes
Subject	6,839	0,0849	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Column Factor	0,6663	6	0,1111	F (6, 114) = 5,582	P<0,0001
Time	4,315	6	0,7192	F (6, 114) = 36,15	P<0,0001
Column Factor	0,7772	1	0,7772	F (1, 19) = 25,36	P<0,0001
Subject	0,5822	19	0,03064	F (19, 114) = 1,540	P=0,0849
Residual	2,268	114	0,0199		

Difference between column means	
Mean of WT Control Carr	0,3516
Mean of WT iSec1 Carr	0,206
Difference between means	0,1456
SE of difference	0,02891
95% CI of difference	0,08508 to 0,2061

Data summary	
Number of columns (Column Factor)	2
Number of rows (Time)	7
Number of subjects (Subject)	21
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	7
Alpha	0,05

Sidak's multiple comparisons test	Predicted (LS) mean	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
WT Control Carr - WT iSec1 Carr					
0	0,08209	-0,09219 to 0,2564	No	ns	0,7932
1	-0,0127	-0,1870 to 0,1616	No	ns	>-0,9999
2	-0,005808	-0,1801 to 0,1685	No	ns	>-0,9999
3	0,08531	-0,08898 to 0,2596	No	ns	0,7603
4	0,3233	0,1490 to 0,4975	Yes	****	<-0,0001
5	0,2131	0,03882 to 0,3874	Yes	**	0,0078
6	0,3338	0,1596 to 0,5081	Yes	****	<-0,0001

Test details	Predicted (LS) mean	Predicted (LS) mean 2	Predicted (LS) mean	SE of diff.	N1	N2	t	DF
WT Control Carr - WT iSec1 Carr								
0	0,5601	0,478	0,08209	0,06396	10	11	1,283	133
1	0,03007	0,04277	-0,0127	0,06396	10	11	0,1986	133
2	0,0662	0,072	-0,005808	0,06396	10	11	0,0908	133
3	0,2166	0,1313	0,08531	0,06396	10	11	1,334	133
4	0,5296	0,2063	0,3233	0,06396	10	11	5,054	133
5	0,4812	0,2681	0,2131	0,06396	10	11	3,332	133
6	0,5775	0,2437	0,3338	0,06396	10	11	5,219	133

Fig 4C

Two-way RM ANOVA

Matching: Stacked

Assume sphericity?

Yes

Alpha

0,05

Source of Variation

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18,32	<0,0001	****	Yes
Time	42,1	<0,0001	****	Yes
Treatment	25,45	0,0002	***	Yes
Subject	1,251	0,5885	ns	No

ANOVA table

	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,616	8	0,077	F (8, 40) = 6,900	P<0,0001
Time	1,415	8	0,1769	F (8, 40) = 15,85	P<0,0001
Treatment	0,8556	1	0,8556	F (1, 5) = 101,7	P=0,0002
Subject	0,04205	5	0,00841	F (5, 40) = 0,7535	P=0,5885
Residual	0,4464	40	0,01116		

Difference between column means

Mean of CD200ko Control Carr	0,3456
Mean of CD200ko iSec1 Carr	0,1101
Difference between means	0,2355
SE of difference	0,02335
95% CI of difference	0,1755 to 0,2955

Data summary

Number of columns (Treatment)	2
Number of rows (Time)	9
Number of subjects (Subject)	7
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families

1

Number of comparisons per family

9

Alpha

0,05

Sidak's multiple comparisons test

Predicted (LS) mean 95,00% CI of diff, Significant? Summary Adjusted P Value

CD200ko Control Carr - CD200ko iSec1 Carr

0	-0,04375	-0,2749 to 0,1874	No	ns	0,9996
1	-0,0005687	-0,2317 to 0,2306	No	ns	>0,9999
2	-0,003428	-0,2346 to 0,2277	No	ns	>0,9999
3	0,1211	-0,1100 to 0,3522	No	ns	0,729
4	0,3791	0,1480 to 0,6102	Yes	***	0,0002
5	0,4311	0,2000 to 0,6622	Yes	****	<0,0001
6	0,3967	0,1656 to 0,6278	Yes	****	<0,0001
8	0,3822	0,1510 to 0,6133	Yes	***	0,0002
10	0,457	0,2259 to 0,6882	Yes	****	<0,0001

Test details

Predicted (LS) mean Predicted (LS) mean Predicted (LS) mean SE of diff, N1 N2 t DF

CD200ko Control Carr - CD200ko iSec1 Carr

0	0,5268	0,5705	-0,04375	0,07957	3	4	0,5498	45
1	0,03615	0,03672	-0,0005687	0,07957	3	4	0,007148	45
2	0,02917	0,0326	-0,003428	0,07957	3	4	0,04308	45
3	0,1562	0,03513	0,1211	0,07957	3	4	1,522	45
4	0,4328	0,05369	0,3791	0,07957	3	4	4,764	45
5	0,5087	0,07756	0,4311	0,07957	3	4	5,418	45
6	0,4657	0,06901	0,3967	0,07957	3	4	4,985	45
8	0,4328	0,05065	0,3822	0,07957	3	4	4,803	45
10	0,5223	0,06526	0,457	0,07957	3	4	5,744	45

Fig 4D

Two-way RM ANOVA		Matching: Stacked						
Assume sphericity?	Yes							
Alpha	0,05							
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Treatment	13,5	0,0007	***	Yes				
Time	49,54	<0,0001	****	Yes				
Treatment	17,47	<0,0001	****	Yes				
Subject	0,3698	0,9872	ns	No				
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value			
Time x Treatment	0,4387	8	0,05484	F (8, 48) = 4,238	P=0,0007			
Time	1,61	8	0,2012	F (8, 48) = 15,55	P<0,0001			
Treatment	0,5678	1	0,5678	F (1, 8) = 283,5	P<0,0001			
Subject	0,01202	6	0,002003	F (6, 48) = 0,1548	P=0,9872			
Residual	0,6212	48	0,01294					
Difference between column means								
Mean of CD200ko-iSecsi (EV)	0,1629							
Mean of CD200ko-iSecsi (iSec)	0,3405							
Difference between means	-0,1776							
SE of difference	0,01055							
95% CI of difference	-0,2034 to -0,1518							
Data summary								
Number of columns (Treatment)	2							
Number of rows (Time)	9							
Number of subjects (Subject)	8							
Number of missing values	0							
Compare each cell mean with the other cell mean in that row								
Number of families	1							
Number of comparisons per family	9							
Alpha	0,05							
Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value			
CD200ko-iSecsi (EV) - CD200ko-iSecsi (iSec)								
-4	-0,03518	-0,2557 to 0,1854	No	ns	>0,9999			
-3	-0,218	-0,4386 to 0,002558	No	ns	0,0547			
-1	-0,07506	-0,2956 to 0,1455	No	ns	0,9733			
1	0,01367	-0,2069 to 0,2342	No	ns	>0,9999			
2	-0,01636	-0,2369 to 0,2042	No	ns	>0,9999			
3	-0,1497	-0,3702 to 0,07089	No	ns	0,4036			
4	-0,444	-0,6645 to -0,2234	Yes	****	<0,0001			
5	-0,3064	-0,5270 to -0,08585	Yes	**	0,0017			
6	-0,3674	-0,5880 to -0,1469	Yes	***	0,0001			
Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
CD200ko-iSecsi (EV) - CD200ko-iSecsi (iSec)								
-4	0,4323	0,4675	-0,03518	0,07657	4	4	0,4595	54
-3	0,2926	0,5106	-0,218	0,07657	4	4	2,847	54
-1	0,3852	0,4603	-0,07506	0,07657	4	4	0,9803	54
1	0,04845	0,03478	0,01367	0,07657	4	4	0,1786	54
2	0,03142	0,04778	-0,01636	0,07657	4	4	0,2137	54
3	0,03749	0,1872	-0,1497	0,07657	4	4	1,955	54
4	0,06973	0,5137	-0,444	0,07657	4	4	5,798	54
5	0,0941	0,4005	-0,3064	0,07657	4	4	4,002	54
6	0,07509	0,4425	-0,3674	0,07657	4	4	4,799	54

Sup. Fig1B

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	32	<0,001	****	Yes
Time	31	<0,001	****	Yes
Treatment	21	0,003	**	Yes
Subject	2,1	0,325	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	96	8	12	F (8, 32) = 9,4	P<0,001
Time	93	8	12	F (8, 32) = 9,1	P<0,001
Treatment	62	1	62	F (1, 4) = 40	P=0,003
Subject	6,2	4	1,6	F (4, 32) = 1,2	P=0,325
Residual	41	32	1,3		

Difference between column means	
Mean of Carrageenan	6,3
Mean of Saline	8,4
Difference between means	-2,1
SE of difference	0,34
95% CI of difference	-3,1 to -1,2

Data summary	
Number of columns (Treatment)	2
Number of rows (Time)	9
Number of subjects (Subject)	6
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff, Significant?	Summary	Adjusted P Value
Carrageenan - Saline				
0	0,36	-2,4 to 3,1	No	ns
0,5	-4,9	-7,6 to -2,1	Yes	****
1	-6,2	-8,9 to -3,4	Yes	****
2	-6	-8,8 to -3,3	Yes	****
3	-2	-4,7 to 0,76	No	ns
4	-0,87	-3,6 to 1,9	No	ns
5	0,84	-1,9 to 3,6	No	ns
6	-0,95	-3,7 to 1,8	No	ns
8	0,46	-2,3 to 3,2	No	ns

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
Carrageenan - Saline								
0	8,5	8,1	0,36	0,94	3	3	0,38	36
0,5	2,8	7,7	-4,9	0,94	3	3	5,2	36
1	3,1	9,3	-6,2	0,94	3	3	6,6	36
2	3	9	-6	0,94	3	3	6,5	36
3	5,4	7,4	-2	0,94	3	3	2,1	36
4	7,2	8,1	-0,87	0,94	3	3	0,93	36
5	9,2	8,4	0,84	0,94	3	3	0,9	36
6	8,7	9,7	-0,95	0,94	3	3	1	36
8	8,4	8	0,46	0,94	3	3	0,49	36

Sup. Fig1E

Table Analyzed	F4/80
Column B	Cntr
vs.	vs,
Column A	no pain
Unpaired t test	
P value	0,6505
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=0,4767, df=6
How big is the difference?	
Mean of column A	431,4
Mean of column B	490,7
Difference between means (B - A) \pm SEM	59,27 \pm 124,4
95% confidence interval	-245,0 to 363,6
R squared (eta squared)	0,03649
F test to compare variances	
F, DFn, Dfd	3,612, 3, 3
P value	0,3196
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	4
Sample size, column B	4

Sup. Fig2B

ANOVA summary

F	57,45
P value	<0,0001
P value summary	****
Significant diff. among means (P < 0.05)?	Yes
R squared	0,9054

Brown-Forsythe test

F (DFn, DFd)	1,593 (4, 24)
P value	0,2085
P value summary	ns
Are SDs significantly different (P < 0.05)?	No

Bartlett's test

Bartlett's statistic (corrected)	15,84
P value	0,0032
P value summary	**
Are SDs significantly different (P < 0.05)?	Yes

ANOVA table

	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	75,23	4	18,81	F (4, 24) = 57,45	P<0,0001
Residual (within columns)	7,856	24	0,3273		
Total	83,08	28			

Data summary

Number of treatments (columns)	5
Number of values (total)	29

Number of families

Number of families	1
Number of comparisons per family	4
Alpha	0,05

Dunnett's multiple comparisons test

	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value	A-?
Saline vs. 1	3,287	2,442 to 4,132	Yes	****	<0,0001	B 1
Saline vs. 3	3,407	2,562 to 4,252	Yes	****	<0,0001	C 3
Saline vs. 7	3,287	2,442 to 4,132	Yes	****	<0,0001	D 7
Saline vs. 10	3,847	3,002 to 4,692	Yes	****	<0,0001	E 10

Test details

	Mean 1	Mean 2	Mean Diff,	SE of diff,	n1	n2	q	DF
Saline vs. 1	4,367	1,08	3,287	0,3191	9	5	10,3	24
Saline vs. 3	4,367	0,96	3,407	0,3191	9	5	10,68	24
Saline vs. 7	4,367	1,08	3,287	0,3191	9	5	10,3	24
Saline vs. 10	4,367	0,52	3,847	0,3191	9	5	12,05	24

Sup. Fig2C

Column B	DT
vs.	vs.
Column A	Saline
Unpaired t test	
P value	0,3373
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=0,9769, df=27
How big is the difference?	
Mean of column A	64,41
Mean of column B	58,79
Difference between means (B - A) \pm SEM	-5,626 \pm 5,759
95% confidence interval	-17,44 to 6,190
R squared (eta squared)	0,03414
F test to compare variances	
F, DFn, Dfd	2,979, 8, 19
P value	0,0484
P value summary	*
Significantly different (P < 0.05)?	Yes
Data analyzed	
Sample size, column A	9
Sample size, column B	20

Sup. Fig2D

Column B	DT
vs.	vs,
Column A	Saline
Unpaired t test	
P value	0,0005
P value summary	***
Significantly different (P < 0.05)?	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=4,832, df=11
How big is the difference?	
Mean of column A	54,9
Mean of column B	30,33
Difference between means (B - A) ± SEM	-24,57 ± 5,084
95% confidence interval	-35,76 to -13,38
R squared (eta squared)	0,6797
F test to compare variances	
F, DFn, Dfd	2,402, 6, 5
P value	0,3546
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	7
Sample size, column B	6

Sup. Fig2E

Column B	WT
vs.	vs,
Column A	MM ^{dtr}
Unpaired t test	
P value	0,0973
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=2,156, df=4
How big is the difference?	
Mean of column A	4,546
Mean of column B	5,945
Difference between means (B - A) ± SEM	1,399 ± 0,6489
95% confidence interval	-0,4024 to 3,201
R squared (eta squared)	0,5376
F test to compare variances	
F, DFn, Dfd	6,409, 2, 2
P value	0,2699
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	3
Sample size, column B	3

Sup. Fig2H

Column B	WT
vs.	vs,
Column A	MM ^{dtr}
Unpaired t test	
P value	0,0973
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=2,156, df=4
How big is the difference?	
Mean of column A	4,546
Mean of column B	5,945
Difference between means (B - A) ± SEM	1,399 ± 0,6489
95% confidence interval	-0,4024 to 3,201
R squared (eta squared)	0,5376
F test to compare variances	
F, DFn, Dfd	6,409, 2, 2
P value	0,2699
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	3
Sample size, column B	3

Sup. Fig2I

Column B	WT
vs.	vs,
Column A	MM ^{dtr}
Unpaired t test	
P value	0,8443
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=0,2095, df=4
How big is the difference?	
Mean of column A	42043
Mean of column B	39647
Difference between means (B - A) ± SEM	-2395 ± 11435
95% confidence interval	-34143 to 29353
R squared (eta squared)	0,01085
F test to compare variances	
F, DFn, Dfd	1,809, 2, 2
P value	0,712
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	3
Sample size, column B	3

Sup. Fig3A

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	17	<0,001	****	Yes
Time	61	<0,001	****	Yes
Treatment	14	<0,001	****	Yes
Subject	2,1	0,004	**	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	117	7	17	F (7, 84) = 38	P<0,001
Time	410	7	59	F (7, 84) = 133	P<0,001
Treatment	96	1	96	F (1, 12) = 80	P<0,001
Subject	14	12	1,2	F (12, 84) = 2,7	P=0,004
Residual	37	84	0,44		

Difference between column means
 Mean of Depleted Carrageenan 4
 Mean of Non-depleted Carrageenan 5,8
 Difference between means -1,9
 SE of difference 0,21
 95% CI of difference -2,3 to -1,4

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 8
 Number of subjects (Subject) 14
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 8
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95.00% CI of diff,	Significant?	Summary	Adjusted P Value
Depleted Carrageenan - Non-depleted Carrageenan					
0	0,15	-0,94 to 1,2	No	ns	>0,999
0.5	-0,021	-1,1 to 1,1	No	ns	>0,999
1	-0,042	-1,1 to 1,0	No	ns	>0,999
2	-0,14	-1,2 to 0,95	No	ns	>0,999
3	-1,8	-2,8 to -0,67	Yes	***	<0,001
4	-3,5	-4,6 to -2,4	Yes	****	<0,001
5	-4,9	-6,0 to -3,8	Yes	****	<0,001
6	-4,6	-5,7 to -3,5	Yes	****	<0,001

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
Depleted Carrageenan - Non-depleted Carrageenan								
0	8,6	8,4	0,15	0,39	7	7	0,39	96
0.5	2,8	2,8	-0,021	0,39	7	7	0,054	96
1	2,9	3	-0,042	0,39	7	7	0,11	96
2	2,9	3	-0,14	0,39	7	7	0,36	96
3	3,3	5	-1,8	0,39	7	7	4,5	96
4	3,6	7,1	-3,5	0,39	7	7	8,9	96
5	3,8	8,7	-4,9	0,39	7	7	13	96
6	4	8,7	-4,6	0,39	7	7	12	96

Sup. Fig3B

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	8,5	0,008	**	Yes
Time	13	<0,001	***	Yes
Treatment	2,5	0,171	ns	No
Subject	28	0,026	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	330	3	110	F (3, 66) = 4,2	P=0,008
Time	491	3	164	F (3, 66) = 6,3	P<0,001
Treatment	98	1	98	F (1, 22) = 2,0	P=0,171
Subject	1072	22	49	F (22, 66) = 1,9	P=0,026
Residual	1709	66	26		

Difference between column means
 Mean of Depleted Carrageenan 36
 Mean of Non-depleted Carrageenan 38
 Difference between means -2,2
 SE of difference 1,6
 95% CI of difference -5,5 to 1,0

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 4
 Number of subjects (Subject) 24
 Number of missing values 0

Within each column, compare rows (simple effects within columns)

Number of families 2
 Number of comparisons per family 3
 Alpha 0,05

Dunnett's multiple comparisons test	Predicted (LS) mean diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Depleted Carrageenan					
0 vs. 2	4,9	0,71 to 9,1	Yes	*	0,018
0 vs. 4	8,5	4,3 to 13	Yes	****	<0,001
0 vs. 6	7,2	3,0 to 11	Yes	***	<0,001
Non-depleted Carrageenan					
0 vs. 2	8,2	1,7 to 15	Yes	*	0,01
0 vs. 4	2,5	-4,1 to 9,0	No	ns	0,692
0 vs. 6	0,89	-5,7 to 7,4	No	ns	0,977

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
Depleted Carrageenan								
0 vs. 2	41	36	4,9	1,7	17	17	2,8	66
0 vs. 4	41	33	8,5	1,7	17	17	4,9	66
0 vs. 6	41	34	7,2	1,7	17	17	4,1	66
Non-depleted Carrageenan								
0 vs. 2	41	33	8,2	2,7	7	7	3	66
0 vs. 4	41	39	2,5	2,7	7	7	0,91	66
0 vs. 6	41	40	0,89	2,7	7	7	0,33	66

Sup. Fit3C		Matching: Stacked						
Two-way RM ANOVA		Yes						
Assume sphericity?		Yes						
Alpha		0.05						
Source of Variation	% of total variation	P value	P value summary	Significant?				
Time x Treatment	18	<0.001	****	Yes				
Time	53	<0.001	****	Yes				
Treatment	12	<0.001	****	Yes				
Subject	1.1	0.878	ns	No				
ANOVA table								
Time x Treatment	18	21	1.2	F (DFn, DFd)	P value			
Time	3.5	7	0.51	F (21, 70) = 4.0	P<0.001			
Treatment	0.77	3	0.26	F (7, 70) = 36	P<0.001			
Subject	0.071	10	0.0071	F (3, 10) = 36	P<0.001			
Residual	0.97	70	0.014	F (10, 70) = 0.51	P=0.878			
Data summary								
Number of columns (Treatment)	4							
Number of rows (Time)	8							
Number of subjects (Subject)	14							
Number of missing values	0							
Within each row, compare columns (simple effects within rows)								
Number of families	1							
Number of comparisons per family	48							
Alpha	0.05							
Tukey's multiple comparisons test								
	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
0								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.044	-0.30 to 0.39	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.1	-0.27 to 0.47	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.06	-0.40 to 0.28	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.056	-0.29 to 0.40	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.1	-0.42 to 0.21	No	ns	>0.999			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.16	-0.50 to 0.18	No	ns	0.993			
0.5								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.035	-0.31 to 0.38	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.0045	-0.37 to 0.36	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.032	-0.31 to 0.37	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.04	-0.38 to 0.30	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.0033	-0.32 to 0.31	No	ns	>0.999			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.036	-0.31 to 0.38	No	ns	>0.999			
1								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.038	-0.30 to 0.38	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.015	-0.38 to 0.35	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.024	-0.32 to 0.37	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.053	-0.40 to 0.29	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.014	-0.33 to 0.30	No	ns	>0.999			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.039	-0.30 to 0.38	No	ns	>0.999			
2								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	-0.018	-0.36 to 0.32	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.0074	-0.37 to 0.36	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.0033	-0.34 to 0.35	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.011	-0.33 to 0.35	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.021	-0.35 to 0.34	No	ns	>0.999			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.011	-0.33 to 0.35	No	ns	>0.999			
3								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.068	-0.27 to 0.41	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.0039	-0.37 to 0.36	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.048	-0.39 to 0.29	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.072	-0.41 to 0.27	No	ns	>0.999			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.12	-0.43 to 0.20	No	ns	>0.999			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.045	-0.39 to 0.30	No	ns	>0.999			
4								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.094	-0.25 to 0.44	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.38	-0.74 to -0.012	Yes	*	0.034			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.23	-0.57 to 0.12	No	ns	0.731			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.47	-0.81 to -0.13	Yes	***	<0.001			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.32	-0.64 to -0.0034	Yes	**	0.044			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.15	-0.19 to 0.49	No	ns	0.997			
5								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.071	-0.27 to 0.41	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.31	-0.68 to 0.056	No	ns	0.232			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.43	-0.78 to -0.092	Yes	**	0.001			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.38	-0.72 to -0.039	Yes	**	0.013			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.5	-0.82 to -0.19	Yes	***	<0.001			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.12	-0.47 to 0.22	No	ns	>0.999			
6								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.0012	-0.34 to 0.34	No	ns	>0.999			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	-0.52	-0.89 to -0.15	Yes	***	<0.001			
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	-0.38	-0.72 to -0.040	Yes	*	0.012			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	-0.52	-0.86 to -0.18	Yes	****	<0.001			
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	-0.38	-0.71 to 0.067	Yes	**	0.003			
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.14	-0.20 to 0.48	No	ns	>0.999			
Test details								
	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
0								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.63	0.59	0.044	0.087	3	4	0.71	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.63	0.53	0.1	0.093	3	3	1.5	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.63	0.69	-0.06	0.087	3	4	0.97	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.59	0.53	0.066	0.087	4	3	0.91	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.59	0.69	-0.1	0.087	4	4	1.8	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.53	0.69	-0.16	0.087	3	4	2.6	80
0.5								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.067	0.032	0.035	0.087	3	4	0.57	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.067	0.071	-0.0045	0.093	3	3	0.089	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.067	0.035	0.032	0.087	3	4	0.51	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.032	0.071	-0.04	0.087	4	3	0.64	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.032	0.035	-0.0033	0.081	4	4	0.057	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.071	0.035	0.036	0.087	3	4	0.59	80
1								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.076	0.038	0.038	0.087	3	4	0.61	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.076	0.091	-0.015	0.093	3	3	0.23	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.076	0.052	0.024	0.087	3	4	0.38	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.038	0.091	-0.053	0.087	4	3	0.86	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.038	0.052	-0.014	0.081	4	4	0.25	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.091	0.052	0.039	0.087	3	4	0.63	80
2								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.067	0.085	-0.018	0.087	3	4	0.29	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.067	0.074	-0.0074	0.093	3	3	0.11	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.067	0.064	0.0033	0.087	3	4	0.053	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.085	0.074	0.011	0.087	4	3	0.17	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.085	0.064	0.021	0.081	4	4	0.37	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.074	0.064	0.011	0.087	3	4	0.17	80
3								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.13	0.086	0.048	0.087	3	4	1.1	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.13	0.14	-0.0039	0.093	3	3	0.059	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.13	0.18	-0.048	0.087	3	4	0.78	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.066	0.14	-0.072	0.087	4	3	1.2	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.066	0.18	-0.12	0.081	4	4	2	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.14	0.18	-0.045	0.087	3	4	0.72	80
4								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.15	0.053	0.094	0.087	3	4	1.5	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.15	0.52	-0.38	0.093	3	3	5.7	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.15	0.37	-0.23	0.087	3	4	3.7	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.053	0.52	-0.47	0.087	4	3	7.8	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.053	0.37	-0.32	0.081	4	4	5.6	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.52	0.37	0.15	0.087	3	4	2.5	80
5								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.13	0.061	0.071	0.087	3	4	1.1	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.13	0.44	-0.31	0.093	3	3	4.7	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.13	0.57	-0.43	0.087	3	4	7	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.061	0.44	-0.38	0.087	4	3	6.2	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.061	0.57	-0.5	0.081	4	4	8.8	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.44	0.57	-0.12	0.087	3	4	2	80
6								
Depleted Carrageenan Females vs. Depleted Carrageenan Males	0.1	0.1	0.0012	0.087	3	4	0.02	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Females	0.1	0.62	-0.62	0.087	3	3	7.9	80
Depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.1	0.49	-0.38	0.087	3	4	6.2	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Females	0.1	0.62	-0.52	0.087	4	3	8.5	80
Depleted Carrageenan Males vs. Non-depleted Carrageenan Males	0.1	0.49	-0.38	0.081	4	4	8.7	80
Non-depleted Carrageenan Females vs. Non-depleted Carrageenan Males	0.62	0.49	0.14	0.087	3	4	2.2	80

Sup. Fig3D

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	16	<0,001	****	Yes
Time	64	<0,001	****	Yes
Treatment	7,8	<0,001	***	Yes
Subject	2,1	0,096	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,84	8	0,11	F (8, 80) = 16	P<0,001
Time	3,5	8	0,43	F (8, 80) = 64	P<0,001
Treatment	0,42	1	0,42	F (1, 10) = 37	P<0,001
Subject	0,11	10	0,011	F (10, 80) = 1,7	P=0,096
Residual	0,54	80	0,0068		

Difference between column means
 Mean of WT CFA 0,22
 Mean of MMdtr CFA 0,096
 Difference between means 0,12
 SE of difference 0,021
 95% CI of difference 0,079 to 0,17

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 9
 Number of subjects (Subject) 12
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT CFA - MMdtr CFA					
0	0,066	-0,073 to 0,21	No	ns	0,834
1	-0,0013	-0,14 to 0,14	No	ns	>0,999
2	-0,0026	-0,14 to 0,14	No	ns	>0,999
3	-0,01	-0,15 to 0,13	No	ns	>0,999
4	-0,00093	-0,14 to 0,14	No	ns	>0,999
6	0,053	-0,086 to 0,19	No	ns	0,95
8	0,13	-0,0099 to 0,27	No	ns	0,086
10	0,43	0,29 to 0,57	Yes	****	<0,001
12	0,47	0,33 to 0,60	Yes	****	<0,001

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
WT CFA - MMdtr CFA								
0	0,61	0,55	0,066	0,049	6	6	1,3	90
1	0,021	0,023	-0,0013	0,049	6	6	0,027	90
2	0,021	0,024	-0,0026	0,049	6	6	0,053	90
3	0,026	0,036	-0,01	0,049	6	6	0,21	90
4	0,031	0,031	-0,00093	0,049	6	6	0,019	90
6	0,092	0,038	0,053	0,049	6	6	1,1	90
8	0,18	0,046	0,13	0,049	6	6	2,6	90
10	0,49	0,069	0,43	0,049	6	6	8,6	90
12	0,52	0,051	0,47	0,049	6	6	9,4	90

Sup. Fig3E

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	15	<0,001	****	Yes
Time	60	<0,001	***	Yes
Treatment	8,4	<0,001	*	Yes
Subject	3,7	0,014	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	72	8	9	F (8, 80) = 12	P<0,001
Time	283	8	35	F (8, 80) = 49	P<0,001
Treatment	39	1	39	F (1, 10) = 22	P<0,001
Subject	18	10	1,8	F (10, 80) = 2,4	P=0,014
Residual	58	80	0,72		

Difference between column means
 Mean of WT CFA 4,8
 Mean of MMdtr CFA 3,6
 Difference between means 1,2
 SE of difference 0,25
 95% CI of difference 0,64 to 1,8

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 9
 Number of subjects (Subject) 12
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
WT CFA - MMdtr CFA					
0	0,22	-1,3 to 1,7	No	ns	>0,999
1	-0,47	-2,0 to 1,0	No	ns	0,985
2	-0,16	-1,7 to 1,3	No	ns	>0,999
3	-0,3	-1,8 to 1,2	No	ns	>0,999
4	0,39	-1,1 to 1,9	No	ns	0,996
6	1,3	-0,24 to 2,8	No	ns	0,16
8	2,3	0,77 to 3,8	Yes	***	<0,001
10	3,3	1,8 to 4,8	Yes	****	<0,001
12	4,4	2,9 to 5,9	Yes	****	<0,001

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
WT CFA - MMdtr CFA								
0	7,3	7,1	0,22	0,53	6	6	0,42	90
1	1,8	2,2	-0,47	0,53	6	6	0,89	90
2	2,4	2,6	-0,16	0,53	6	6	0,31	90
3	2,6	2,9	-0,3	0,53	6	6	0,57	90
4	3,6	3,2	0,39	0,53	6	6	0,75	90
6	5	3,7	1,3	0,53	6	6	2,4	90
8	5,8	3,5	2,3	0,53	6	6	4,3	90
10	7,4	4,1	3,3	0,53	6	6	6,2	90
12	7,7	3,3	4,4	0,53	6	6	8,2	90

Sup. Fig4B

Column B	Monocytes
vs.	vs,
Column A	Saline
Unpaired t test	
P value	0,0196
P value summary	*
Significantly different (P < 0.05)?	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=3,773, df=4
How big is the difference?	
Mean of column A	9,133
Mean of column B	51,73
Difference between means (B - A) \pm SEM	42,60 \pm 11,29
95% confidence interval	11,25 to 73,95
R squared (eta squared)	0,7806
F test to compare variances	
F, DFn, Dfd	29,74, 2, 2
P value	0,0651
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	3
Sample size, column B	3

Sup. Fig4C

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	14	<0,001	****	Yes
Time	52	<0,001	****	Yes
Treatment	14	<0,001	****	Yes
Subject	1,7	0,449	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	59	7	8,5	F (7, 56) = 9,3	P<0,001
Time	218	7	31	F (7, 56) = 34	P<0,001
Treatment	59	1	59	F (1, 8) = 65	P<0,001
Subject	7,3	8	0,91	F (8, 56) = 1,0	P=0,449
Residual	51	56	0,91		

Difference between column means

Mean of depl-veh	4
Mean of depl-MN	5,8
Difference between means	-1,7
SE of difference	0,22
95% CI of difference	-2,3 to -1,2

Data summary

Number of columns (Treatment)	2
Number of rows (Time)	8
Number of subjects (Subject)	10
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	8
Alpha	0,05

Sidak's multiple comparisons test	Predicted (LS) mear	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
depl-veh - depl-MN					
0	-0,049	-1,8 to 1,7	No	ns	>0,999
2	-0,15	-1,9 to 1,6	No	ns	>0,999
3	-0,35	-2,1 to 1,4	No	ns	0,999
6	0,25	-1,5 to 2,0	No	ns	>0,999
6,05	-2,2	-4,0 to -0,48	Yes	**	0,005
6,15	-3,5	-5,3 to -1,8	Yes	****	<0,001
6,7	-4	-5,7 to -2,3	Yes	****	<0,001
7	-3,9	-5,7 to -2,2	Yes	****	<0,001

Test details	Predicted (LS) mear	Predicted (LS) mear	Predicted (LS) mear	SE of diff.	N1	N2	t	DF
depl-veh - depl-MN								
0	8,4	8,5	-0,049	0,62	4	6	0,079	64
2	3,1	3,2	-0,15	0,62	4	6	0,25	64
3	2,7	3	-0,35	0,62	4	6	0,57	64
6	3,7	3,4	0,25	0,62	4	6	0,41	64
6,05	3,5	5,7	-2,2	0,62	4	6	3,6	64
6,15	3,7	7,2	-3,5	0,62	4	6	5,7	64
6,7	3,3	7,3	-4	0,62	4	6	6,5	64
7	3,7	7,7	-3,9	0,62	4	6	6,4	64

Sup: Fig4D

Two-way RM ANOVA	Matching: Stacked				
Assume sphericity?	Yes				
Alpha	0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?	
Time x Treatment	19	<0,001	---	Yes	
Time	36	<0,001	----	Yes	
Treatment	12	0,002	--	Yes	
Subject	0,97	0,676	ns	No	
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,67	10	0,067	F (10, 40) = 4,5	P<0,001
Time	1,3	10	0,13	F (10, 40) = 8,6	P<0,001
Treatment	0,44	1	0,44	F (1, 4) = 51	P=0,002
Subject	0,035	4	0,0087	F (4, 40) = 0,58	P=0,676
Residual	0,59	40	0,015		
Difference between column means					
Mean of Depleted ipsi PBS	0,11				
Mean of Depleted ipsi Monocytes	0,29				
Difference between means	-0,17				
SE of difference	0,024				
95% CI of difference	-0,24 to -0,11				
Data summary					
Number of columns (Treatment)	2				
Number of rows (Time)	11				
Number of subjects (Subject)	6				
Number of missing values	0				

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	11
Alpha	0,05

Sidak's multiple comparisons test	Predicted (LS) mean diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Depleted ipsi PBS - Depleted ipsi Monocytes					
0	0,0035	-0,31 to 0,31	No	ns	>0,999
2	0,013	-0,30 to 0,32	No	ns	>0,999
4	-0,04	-0,35 to 0,27	No	ns	>0,999
6	0,0012	-0,31 to 0,31	No	ns	>0,999
6,05	-0,0046	-0,31 to 0,30	No	ns	>0,999
6,15	0,0087	-0,30 to 0,32	No	ns	>0,999
6,7	-0,097	-0,41 to 0,21	No	ns	0,992
7	-0,36	-0,67 to -0,048	Yes	*	0,014
8	-0,51	-0,82 to -0,20	Yes	***	<0,001
9	-0,51	-0,82 to -0,20	Yes	***	<0,001
10	-0,42	-0,72 to -0,11	Yes	**	0,003

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	t	DF
Depleted ipsi PBS - Depleted ipsi Monocytes								
0	0,54	0,54	0,0035	0,1	2	4		44
2	0,065	0,052	0,013	0,1	2	4		44
4	0,042	0,082	-0,04	0,1	2	4		44
6	0,083	0,082	0,0012	0,1	2	4		44
6,05	0,087	0,092	-0,0046	0,1	2	4		44
6,15	0,089	0,08	0,0087	0,1	2	4		44
6,7	0,064	0,16	-0,097	0,1	2	4		44
7	0,081	0,44	-0,36	0,1	2	4		44
8	0,047	0,56	-0,51	0,1	2	4		44
9	0,077	0,59	-0,51	0,1	2	4		44
10	0,071	0,49	-0,42	0,1	2	4		44

Sup. Fig4E

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18	<0,001	****	Yes
Time	36	<0,001	****	Yes
Treatment	16	<0,001	****	Yes
Subject	0,84	0,519	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	83	10	8,3	F (10, 40) = 7,2	P<0,001
Time	163	10	16	F (10, 40) = 14	P<0,001
Treatment	71	1	71	F (1, 4) = 74	P<0,001
Subject	3,8	4	0,95	F (4, 40) = 0,82	P=0,519
Residual	46	40	1,2		

Difference between column means
 Mean of Depleted ipsi PBS 3,5
 Mean of Depleted ipsi Monocytes 5,7
 Difference between means -2,2
 SE of difference 0,26
 95% CI of difference -2,9 to -1,5

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 11
 Number of subjects (Subject) 6
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 11
 Alpha 0,05

Sidak's multiple comparisons test	Predicted (LS) mean diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Depleted ipsi PBS - Depleted ipsi Monocytes					
0	-0,63	-3,4 to 2,1	No	ns	>0,999
2	-0,33	-3,1 to 2,4	No	ns	>0,999
4	0,13	-2,6 to 2,9	No	ns	>0,999
6	-0,3	-3,1 to 2,5	No	ns	>0,999
6,05	-0,18	-2,9 to 2,6	No	ns	>0,999
6,15	-0,2	-3,0 to 2,6	No	ns	>0,999
6,7	-1,5	-4,2 to 1,3	No	ns	0,745
7	-5	-7,8 to -2,3	Yes	****	<0,001
8	-5,4	-8,2 to -2,7	Yes	****	<0,001
9	-5,2	-8,0 to -2,4	Yes	****	<0,001
10	-5,6	-8,3 to -2,8	Yes	****	<0,001

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	t	DF
Depleted ipsi PBS - Depleted ipsi Monocytes								
0	7,3	7,9	-0,63	0,93	2	4	0,68	44
2	2,8	3,2	-0,33	0,93	2	4	0,35	44
4	3,1	3	0,13	0,93	2	4	0,14	44
6	2,7	3	-0,3	0,93	2	4	0,32	44
6,05	2,8	3	-0,18	0,93	2	4	0,2	44
6,15	3,3	3,5	-0,2	0,93	2	4	0,21	44
6,7	2,9	4,4	-1,5	0,93	2	4	1,6	44
7	3,1	8,1	-5	0,93	2	4	5,4	44
8	3,4	8,8	-5,4	0,93	2	4	5,9	44
9	3,7	8,9	-5,2	0,93	2	4	5,6	44
10	3,2	8,8	-5,6	0,93	2	4	6	44

Sup. Fig4F

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	0,79	0,965	ns	No
Time	80	<0,001	****	Yes
Treatment	0,74	0,186	ns	No
Subject	2	0,45	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,031	8	0,0039	F (8, 48) = 0,29	P=0,965
Time	3,1	8	0,39	F (8, 48) = 30	P<0,001
Treatment	0,029	1	0,029	F (1, 6) = 2,2	P=0,186
Subject	0,078	6	0,013	F (6, 48) = 0,98	P=0,450
Residual	0,63	48	0,013		

Difference between column means	
Mean of Group A	0,22
Mean of Group C	0,26
Difference between means	-0,04
SE of difference	0,027
95% CI of difference	-0,11 to 0,026

Data summary	
Number of columns (Treatment)	2
Number of rows (Time)	9
Number of subjects (Subject)	8
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Group A - Group C					
0	-0,034	-0,27 to 0,20	No	ns	>0,999
2	-0,02	-0,25 to 0,21	No	ns	>0,999
4	-0,012	-0,25 to 0,22	No	ns	>0,999
6	-0,02	-0,25 to 0,21	No	ns	>0,999
6,05	-0,0073	-0,24 to 0,23	No	ns	>0,999
6,15	-0,08	-0,31 to 0,15	No	ns	0,973
6,4	-0,14	-0,38 to 0,091	No	ns	0,547
7	-0,02	-0,25 to 0,21	No	ns	>0,999
8	-0,025	-0,26 to 0,21	No	ns	>0,999

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
Group A - Group C								
0	0,53	0,57	-0,034	0,081	4	4	0,42	54
2	0,046	0,066	-0,02	0,081	4	4	0,25	54
4	0,045	0,057	-0,012	0,081	4	4	0,14	54
6	0,054	0,074	-0,02	0,081	4	4	0,24	54
6,05	0,055	0,062	-0,0073	0,081	4	4	0,09	54
6,15	0,08	0,16	-0,08	0,081	4	4	0,98	54
6,4	0,13	0,28	-0,14	0,081	4	4	1,8	54
7	0,48	0,5	-0,02	0,081	4	4	0,25	54
8	0,51	0,54	-0,025	0,081	4	4	0,3	54

Sup. Fig4G

Two-way RM ANOVA	Matching: Stacked
Assume sphericity?	Yes
Alpha	0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	13	0,012	*	Yes
Time	39	<0,001	***	Yes
Treatment	9,6	0,004	**	Yes
Subject	2,5	0,371	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,82	20	0,041	F (20, 70) = 2,1	P=0,012
Time	2,4	10	0,24	F (10, 70) = 12	P<0,001
Treatment	0,59	2	0,3	F (2, 7) = 14	P<0,004
Subject	0,15	7	0,022	F (7, 70) = 1,1	P=0,371
Residual	1,4	70	0,02		

Data summary	
Number of columns (Treatment)	3
Number of rows (Time)	11
Number of subjects (Subject)	10
Number of missing values	0

Within each row, compare columns (simple effects within rows)

Number of families	11
Number of comparisons per family	3
Alpha	0,05

Tukey's multiple comparisons test	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value			
0								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,0035	-0,29 to 0,29	No	ns	>0,999			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,011	-0,28 to 0,30	No	ns	0,996			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,0074	-0,23 to 0,24	No	ns	0,997			
2								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,025	-0,27 to 0,32	No	ns	0,978			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,019	-0,31 to 0,27	No	ns	0,987			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,044	-0,28 to 0,19	No	ns	0,9			
4								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,0094	-0,30 to 0,28	No	ns	0,997			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,029	-0,32 to 0,26	No	ns	0,969			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,02	-0,26 to 0,22	No	ns	0,979			
6								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,014	-0,28 to 0,31	No	ns	0,992			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,0051	-0,29 to 0,30	No	ns	>0,999			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,0092	-0,25 to 0,23	No	ns	0,995			
6,05								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,0078	-0,28 to 0,30	No	ns	0,998			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,064	-0,36 to 0,23	No	ns	0,858			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,072	-0,31 to 0,17	No	ns	0,749			
6,15								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,013	-0,28 to 0,30	No	ns	0,994			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,13	-0,42 to 0,16	No	ns	0,543			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,14	-0,38 to 0,096	No	ns	0,333			
6,7								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,051	-0,34 to 0,24	No	ns	0,908			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,27	-0,56 to 0,025	No	ns	0,08			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,22	-0,45 to 0,022	No	ns	0,084			
7								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,37	-0,66 to -0,080	Yes	**	0,009			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,48	-0,78 to -0,19	Yes	***	<0,001			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,11	-0,35 to 0,12	No	ns	0,489			
8								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,54	-0,83 to -0,25	Yes	****	<0,001			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,41	-0,70 to -0,12	Yes	**	0,003			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,13	-0,10 to 0,37	No	ns	0,377			
9								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,4	-0,69 to -0,10	Yes	**	0,005			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,37	-0,66 to -0,080	Yes	**	0,009			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,025	-0,21 to 0,26	No	ns	0,967			
10								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	-0,36	-0,65 to -0,066	Yes	*	0,012			
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	-0,43	-0,72 to -0,14	Yes	**	0,002			
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	-0,077	-0,31 to 0,16	No	ns	0,722			
Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
0								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,54	0,54	0,0035	0,12	2	4	0,041	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,54	0,53	0,011	0,12	2	4	0,13	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,54	0,53	0,0074	0,099	4	4	0,11	77
2								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,065	0,04	0,025	0,12	2	4	0,29	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,065	0,084	-0,019	0,12	2	4	0,22	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,04	0,084	-0,044	0,099	4	4	0,62	77
4								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,042	0,051	-0,0094	0,12	2	4	0,11	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,042	0,071	-0,029	0,12	2	4	0,34	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,051	0,071	-0,02	0,099	4	4	0,28	77
6								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,083	0,069	0,014	0,12	2	4	0,17	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,083	0,078	0,0051	0,12	2	4	0,06	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,069	0,078	-0,0092	0,099	4	4	0,13	77
6,05								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,087	0,079	0,0078	0,12	2	4	0,091	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,087	0,15	-0,064	0,12	2	4	0,75	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,079	0,15	-0,072	0,099	4	4	1	77
6,15								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,089	0,076	0,013	0,12	2	4	0,15	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,089	0,22	-0,13	0,12	2	4	1,5	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,076	0,22	-0,14	0,099	4	4	2	77
6,7								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,064	0,12	-0,051	0,12	2	4	0,59	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,064	0,33	-0,27	0,12	2	4	3,1	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,12	0,33	-0,22	0,099	4	4	3,1	77
7								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,081	0,45	-0,37	0,12	2	4	4,3	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,081	0,57	-0,48	0,12	2	4	5,6	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,45	0,57	-0,11	0,099	4	4	1,6	77
8								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,047	0,59	-0,54	0,12	2	4	6,3	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,047	0,46	-0,41	0,12	2	4	4,8	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,59	0,46	0,13	0,099	4	4	1,9	77
9								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,077	0,47	-0,4	0,12	2	4	4,6	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,077	0,45	-0,37	0,12	2	4	4,3	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,47	0,45	0,025	0,099	4	4	0,35	77
10								
Depleted ipsi PBS vs. Depleted ipsi Classical monocytes	0,071	0,43	-0,36	0,12	2	4	4,1	77
Depleted ipsi PBS vs. Depleted ipsi NON-Classical monocytes	0,071	0,5	-0,43	0,12	2	4	5	77
Depleted ipsi Classical monocytes vs. Depleted ipsi NON-Classical monocytes	0,43	0,5	-0,077	0,099	4	4	1,1	77

Sup. Fig#11

Table Analyzed MMdtr - Classic/Non-classic splenocyte transfer CT ____HG

Two-way RM ANOVA Matching: Stacked

Assume sphericity? Yes

Alpha 0.05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	14	<0.001	****	Yes
Time	45	<0.001	****	Yes
Treatment	9.6	0.003	**	Yes
Subject	2.2	0.084	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	109	20	5.4	F (20, 70) = 4.4	P<0.001
Time	342	10	34	F (10, 70) = 27	P<0.001
Treatment	73	2	37	F (2, 7) = 16	P=0.003
Subject	16	7	2.4	F (7, 70) = 1.9	P=0.084
Residual	87	70	1.2		

Data summary

Number of columns (Treatment) 3
 Number of rows (Time) 11
 Number of subjects (Subject) 10
 Number of missing values 0

Within each row, compare columns (simple effects within rows)

Number of families 11
 Number of comparisons per family 3
 Alpha 0.05

Tukey's multiple comparisons test Predicted (LS) mean diff. 95.00% CI of diff. Significant? Summary Adjusted P Value

	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value
0					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.79	-3.2 to 1.6	No	ns	0.71
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.27	-2.7 to 2.1	No	ns	0.961
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	0.52	-1.4 to 2.5	No	ns	0.8
2					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.33	-2.7 to 2.1	No	ns	0.942
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.016	-2.4 to 2.4	No	ns	>0.999
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	0.32	-1.6 to 2.3	No	ns	0.922
4					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	0.00083	-2.4 to 2.4	No	ns	>0.999
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	0.13	-2.3 to 2.5	No	ns	0.991
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	0.13	-1.8 to 2.1	No	ns	0.987
6					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.5	-2.9 to 1.9	No	ns	0.87
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.41	-2.8 to 2.0	No	ns	0.911
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	0.091	-1.9 to 2.1	No	ns	0.993
6.05					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.41	-2.8 to 2.0	No	ns	0.914
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.57	-3.0 to 1.8	No	ns	0.836
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-0.17	-2.1 to 1.8	No	ns	0.977
6.15					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.14	-2.5 to 2.3	No	ns	0.989
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.51	-2.9 to 1.9	No	ns	0.868
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-0.37	-2.3 to 1.6	No	ns	0.896
6.7					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-0.4	-2.8 to 2.0	No	ns	0.918
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-0.98	-3.4 to 1.4	No	ns	0.597
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-0.58	-2.5 to 1.4	No	ns	0.761
7					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-2.2	-4.6 to 0.25	No	ns	0.088
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-5.7	-8.1 to -3.3	Yes	****	<0.001
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-3.5	-5.9 to -1.6	Yes	***	<0.001
8					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-5.5	-7.9 to -3.1	Yes	****	<0.001
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-5.4	-7.8 to -3.0	Yes	****	<0.001
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	0.11	-1.8 to 2.1	No	ns	0.99
9					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-4.4	-6.8 to -2.0	Yes	***	<0.001
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-4.5	-6.9 to -2.1	Yes	****	<0.001
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-0.13	-2.1 to 1.8	No	ns	0.986
10					
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	-5.2	-7.6 to -2.8	Yes	****	<0.001
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	-5.8	-8.2 to -3.4	Yes	****	<0.001
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	-0.58	-2.5 to 1.4	No	ns	0.761

Test details Predicted (LS) mean 1 Predicted (LS) mean 2 Predicted (LS) mean diff. SE of diff. N1 N2 q DF

	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
0								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	7.3	8.1	-0.79	1	2	4	1.1	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	7.3	7.6	-0.27	1	2	4	0.38	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	8.1	7.6	0.52	0.82	4	4	0.9	77
2								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	2.8	3.2	-0.33	1	2	4	0.47	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	2.8	2.8	-0.016	1	2	4	0.023	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.2	2.8	0.32	0.82	4	4	0.54	77
4								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.1	3.1	0.00083	1	2	4	0.0012	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.1	3	0.13	0.82	2	4	0.18	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.1	3	0.13	0.82	4	4	0.22	77
6								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	2.7	3.3	-0.5	1	2	4	0.71	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	2.7	3.2	-0.41	1	2	4	0.58	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.3	3.2	0.091	0.82	4	4	0.16	77
6.05								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	2.8	3.2	-0.41	1	2	4	0.57	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	2.8	3.4	-0.57	1	2	4	0.81	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.2	3.4	-0.17	0.82	4	4	0.29	77
6.15								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.3	3.4	-0.14	1	2	4	0.2	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.3	3.8	-0.51	1	2	4	0.72	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.4	3.8	-0.37	0.82	4	4	0.63	77
6.7								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	2.9	3.3	-0.4	1	2	4	0.56	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	2.9	3.9	-0.98	1	2	4	1.4	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	3.3	3.9	-0.58	0.82	4	4	1	77
7								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.1	5.2	-2.2	1	2	4	3	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.1	8.7	-5.7	1	2	4	8	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	5.2	8.7	-3.5	0.82	4	4	6.1	77
8								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.4	8.9	-5.5	1	2	4	7.7	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.4	8.8	-5.4	1	2	4	7.6	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	8.9	8.8	0.11	0.82	4	4	0.19	77
9								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.7	8.1	-4.4	1	2	4	6.2	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.7	8.3	-4.5	1	2	4	6.4	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	8.1	8.3	-0.13	0.82	4	4	0.23	77
10								
Depleted (psi) PBS vs. Depleted (psi) Classical monocytes	3.2	8.4	-5.2	1	2	4	7.3	77
Depleted (psi) PBS vs. Depleted (psi) NON-Classical monocytes	3.2	9	-5.8	1	2	4	8.2	77
Depleted (psi) Classical monocytes vs. Depleted (psi) NON-Classical monocytes	8.4	9	-0.58	0.82	4	4	1	77

Sup. Fig4

Two-way ANOVA		Ordinary				
Alpha		0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?		
Interaction	21	0,002	**	Yes		
Time	25	<0,001	****	Yes		
Cell type	14	<0,001	***	Yes		
ANOVA table		SS (Type III)	DF	MS	F (DFn, DFd)	P value
Interaction		3190001	8	398750	F (8, 57) = 3,6	P=0,002
Time		3861989	4	965497	F (4, 57) = 8,6	P<0,001
Cell type		2098055	2	1049028	F (2, 57) = 9,3	P<0,001
Residual		6398058	57	112247		
Data summary						
Number of columns (Cell type)	3					
Number of rows (Time)	5					
Number of values	72					

Within each column, compare rows (simple effects within columns)

Dunnett's multiple comparisons test		Predicted (LS) mean diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
CD206 (M2)						
0 vs. 1		53	-469 to 575	No	ns	0,998
0 vs. 2		-98	-620 to 425	No	ns	0,977
0 vs. 3		-1392	-1914 to -869	Yes	****	<0,001
0 vs. 7		-33	-555 to 489	No	ns	>0,999
INOS (M1)						
0 vs. 1		37	-485 to 559	No	ns	>0,999
0 vs. 2		23	-499 to 545	No	ns	>0,999
0 vs. 3		-161	-683 to 361	No	ns	0,876
0 vs. 7		7	-515 to 529	No	ns	>0,999
Others						
0 vs. 1		-295	-817 to 227	No	ns	0,453
0 vs. 2		-220	-743 to 302	No	ns	0,702
0 vs. 3		-402	-924 to 120	No	ns	0,184
0 vs. 7		-38	-560 to 484	No	ns	>0,999

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	q	DF
CD206 (M2)								
0 vs. 1	224	171	53	205	8	4	0,26	57
0 vs. 2	224	322	-98	205	8	4	0,48	57
0 vs. 3	224	1616	-1392	205	8	4	6,8	57
0 vs. 7	224	257	-33	205	8	4	0,16	57
INOS (M1)								
0 vs. 1	70	34	37	205	8	4	0,18	57
0 vs. 2	70	47	23	205	8	4	0,11	57
0 vs. 3	70	231	-161	205	8	4	0,78	57
0 vs. 7	70	63	7	205	8	4	0,034	57
Others								
0 vs. 1	51	346	-295	205	8	4	1,4	57
0 vs. 2	51	272	-220	205	8	4	1,1	57
0 vs. 3	51	453	-402	205	8	4	2	57
0 vs. 7	51	89	-38	205	8	4	0,18	57

Sup. Fig4J

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	22	<0,001	***	Yes
Time	47	<0,001	***	Yes
Treatment	15	<0,001	***	Yes
Subject	3,2	0,02	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	143	10	14	F (10, 80) = 14	P<0,001
Time	301	10	30	F (10, 80) = 29	P<0,001
Treatment	96	1	96	F (1, 8) = 37	P<0,001
Subject	21	8	2,6	F (8, 80) = 2,5	P=0,020
Residual	84	80	1		

Difference between column means

Mean of Depleted carr M1	3,8
Mean of Depleted carr M2	5,7
Difference between means	-1,9
SE of difference	0,31
95% CI of difference	-2,6 to -1,2

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 11
 Number of subjects (Subject) 10
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 11
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Depleted carr M1 - Depleted carr M2					
0	0,23	-1,8 to 2,2	No	ns	>0,999
2	-0,25	-2,3 to 1,7	No	ns	>0,999
4	0,073	-1,9 to 2,1	No	ns	>0,999
6	0,63	-1,4 to 2,6	No	ns	0,993
6,05	0,7	-1,3 to 2,7	No	ns	0,985
6,15	-0,9	-2,9 to 1,1	No	ns	0,908
6,7	-2,4	-4,4 to -0,42	Yes	**	0,008
7	-5,3	-7,3 to -3,3	Yes	****	<0,001
8	-4,8	-6,9 to -2,8	Yes	****	<0,001
9	-4,7	-6,7 to -2,7	Yes	****	<0,001
10	-3,8	-5,8 to -1,8	Yes	****	<0,001

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
Depleted carr M1 - Depleted carr M2								
0	8,3	8	0,23	0,69	5	5	0,33	88
2	2,6	2,8	-0,25	0,69	5	5	0,37	88
4	2,8	2,7	0,073	0,69	5	5	0,11	88
6	3,4	2,8	0,63	0,69	5	5	0,91	88
6,05	4,1	3,4	0,7	0,69	5	5	1	88
6,15	3,2	4,1	-0,9	0,69	5	5	1,3	88
6,7	3,5	6	-2,4	0,69	5	5	3,5	88
7	3,3	8,6	-5,3	0,69	5	5	7,7	88
8	3,1	7,9	-4,8	0,69	5	5	7	88
9	3,7	8,3	-4,7	0,69	5	5	6,8	88
10	4,2	8	-3,8	0,69	5	5	5,5	88

Sup. Fig4K

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	0,78	0,907	ns	No
Time	71	<0,001	****	Yes
Treatment	0,51	0,433	ns	No
Subject	7,6	0,008	**	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,043	7	0,0061	F (7, 70) = 0,39	P=0,907
Time	3,9	7	0,56	F (7, 70) = 35	P<0,001
Treatment	0,028	1	0,028	F (1, 10) = 0,67	P=0,433
Subject	0,42	10	0,042	F (10, 70) = 2,7	P=0,008
Residual	1,1	70	0,016		

Difference between column means
 Mean of WT 0,24
 Mean of Nav1.8-IL10^{-/-} 0,21
 Difference between means 0,034
 SE of difference 0,042
 95% CI of difference -0,059 to 0,13

Data summary
 Number of columns (Treat 2)
 Number of rows (Time) 8
 Number of subjects (Subje 12)
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per 8
 Alpha 0,05

Sidak's multiple comparisc	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT - Nav1.8-IL10 ^{-/-}					
0	0,046	-0,18 to 0,27	No	ns	0,999
1	-0,0066	-0,23 to 0,22	No	ns	>0,999
2	-0,005	-0,23 to 0,22	No	ns	>0,999
3	-0,012	-0,23 to 0,21	No	ns	>0,999
4	0,04	-0,18 to 0,26	No	ns	>0,999
6	0,084	-0,14 to 0,31	No	ns	0,939
8	0,11	-0,11 to 0,33	No	ns	0,767
10	0,016	-0,21 to 0,24	No	ns	>0,999

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
WT - Nav1.8-IL10 ^{-/-}								
0	0,66	0,62	0,046	0,08	6	6	0,57	80
1	0,024	0,03	-0,0066	0,08	6	6	0,083	80
2	0,025	0,03	-0,005	0,08	6	6	0,063	80
3	0,033	0,045	-0,012	0,08	6	6	0,15	80
4	0,15	0,11	0,04	0,08	6	6	0,5	80
6	0,29	0,21	0,084	0,08	6	6	1,1	80
8	0,39	0,28	0,11	0,08	6	6	1,4	80
10	0,38	0,36	0,016	0,08	6	6	0,2	80

Sup. Fig5B

Column B	1
vs.	vs.
Column A	0
Unpaired t test	
P value	0,0451
P value summary	*
Significantly different (P < 0.05)?	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=2,372, df=8
How big is the difference?	
Mean of column A	2,899
Mean of column B	2,1
Difference between means (B - A) ± SEM	-0,7989 ± 0,3369
95% confidence interval	-1,576 to -0,02210
R squared (eta squared)	0,4128
F test to compare variances	
F, DF _n , D _{fd}	2,677, 4, 4
P value	0,3633
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	5
Sample size, column B	5
Column C	3
vs.	vs.
Column A	0
Unpaired t test	
P value	0,1274
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=1,701, df=8
How big is the difference?	
Mean of column A	2,899
Mean of column C	3,999
Difference between means (C - A) ± SEM	1,099 ± 0,6465
95% confidence interval	-0,3913 to 2,590
R squared (eta squared)	0,2655
F test to compare variances	
F, DF _n , D _{fd}	4,058, 4, 4
P value	0,2036
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	5
Sample size, column C	5

Sup. Fig6A

Column B	Macs	
vs.	vs,	
Column A	Son	
Mann Whitney test		
P value		0,0286
Exact or approximate P value?	Exact	
P value summary	*	
Significantly different ($P < 0.05$)?	Yes	
One- or two-tailed P value?	Two-tailed	
Sum of ranks in column A,B	10 , 26	
Mann-Whitney U		0
Difference between medians		
Median of column A	0,7000, n=4	
Median of column B	13,88, n=4	
Difference: Actual		13,18
Difference: Hodges-Lehmann		12,18

Sup. Fig8A

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18	<0,001	****	Yes
Time	49	<0,001	****	Yes
Treatment	13	0,002	**	Yes
Subject	2,8	0,148	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,89	10	0,089	F (10, 60) = 6,2	P<0,001
Time	2,5	10	0,25	F (10, 60) = 17	P<0,001
Treatment	0,67	1	0,67	F (1, 6) = 28	P=0,002
Subject	0,14	6	0,024	F (6, 60) = 1,7	P=0,148
Residual	0,86	60	0,014		

Difference between column means
 Mean of Depleted carr TFAM+/- MN 0,11
 Mean of Depleted carr WT-MN 0,29
 Difference between means -0,17
 SE of difference 0,033
 95% CI of difference -0,25 to -0,094

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 11
 Number of subjects (Subject) 8
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 11
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
Depleted carr TFAM+/- MN - Depleted carr WT-MN					
0	-0,029	-0,28 to 0,23	No	ns	>0,999
2	-0,003	-0,26 to 0,25	No	ns	>0,999
4	0,0077	-0,25 to 0,26	No	ns	>0,999
6	-0,0092	-0,26 to 0,25	No	ns	>0,999
6,05	0,0071	-0,25 to 0,26	No	ns	>0,999
6,15	-0,0079	-0,26 to 0,25	No	ns	>0,999
6,7	-0,15	-0,41 to 0,10	No	ns	0,628
7	-0,4	-0,66 to -0,15	Yes	***	<0,001
8	-0,49	-0,74 to -0,23	Yes	****	<0,001
9	-0,46	-0,71 to -0,20	Yes	****	<0,001
10	-0,38	-0,63 to -0,12	Yes	***	<0,001

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
Depleted carr TFAM+/- MN - Depleted carr WT-MN								
0	0,57	0,6	-0,029	0,087	4	4	0,34	66
2	0,043	0,046	-0,003	0,087	4	4	0,034	66
4	0,05	0,042	0,0077	0,087	4	4	0,089	66
6	0,046	0,055	-0,0092	0,087	4	4	0,11	66
6,05	0,064	0,057	0,0071	0,087	4	4	0,081	66
6,15	0,056	0,064	-0,0079	0,087	4	4	0,091	66
6,7	0,071	0,22	-0,15	0,087	4	4	1,7	66
7	0,079	0,48	-0,4	0,087	4	4	4,6	66
8	0,1	0,59	-0,49	0,087	4	4	5,6	66
9	0,095	0,55	-0,46	0,087	4	4	5,3	66
10	0,086	0,47	-0,38	0,087	4	4	4,4	66

Sup. Fig8B

Two-way RM ANOVA

Matching: Stacked

Assume sphericity?

Yes

Alpha

0,05

Source of Variation

% of total variat

P value P value summa Significant?

Time x Treatment

17 <0,001

**** Yes

Time

49 <0,001

**** Yes

Treatment

15 <0,001

*** Yes

Subject

1,8 0,37

ns No

ANOVA table

SS DF MS

F (DFn, DFd) P value

Time x Treatment

62 10 6,2

F (10, 60) = 6,2 P<0,001

Time

176 10 18

F (10, 60) = 18 P<0,001

Treatment

53 1 53

F (1, 6) = 49 P<0,001

Subject

6,6 6 1,1

F (6, 60) = 1,1 P=0,370

Residual

60 60 1

Difference between column means

Mean of Depleted carr TFAM+/- MN

4,3

Mean of Depleted carr WT-MN

5,9

Difference between means

-1,6

SE of difference

0,22

95% CI of difference

-2,1 to -1,0

Data summary

Number of columns (Treatment)

2

Number of rows (Time)

11

Number of subjects (Subject)

8

Number of missing values

0

Compare each cell mean with the other cell mean in that row

Number of families

1

Number of comparisons per family

11

Alpha

0,05

Sidak's multiple comparisons test

Mean Diff,

95,00% CI of dif Significant?

Summary

Adjusted P Value

Depleted carr TFAM+/- MN - Depleted carr WT-MN

0

-0,32 -2,4 to 1,8

No

ns

>0,999

2

-0,054 -2,1 to 2,0

No

ns

>0,999

4

-0,48 -2,6 to 1,6

No

ns

>0,999

6

0,29 -1,8 to 2,4

No

ns

>0,999

6,05

0,54 -1,5 to 2,6

No

ns

0,999

6,15

-0,79 -2,9 to 1,3

No

ns

0,968

6,7

-1,7 -3,8 to 0,37

No

ns

0,187

7

-3,4 -5,5 to -1,3

Yes

<0,001

8

-3,8 -5,9 to -1,7

Yes

<0,001

9

-3,5 -5,6 to -1,5

Yes

<0,001

10

-3,9 -5,9 to -1,8

Yes

<0,001

Test details

Mean 1

Mean 2

Mean Diff,

SE of diff,

N1

N2

t

DF

Depleted carr TFAM+/- MN - Depleted carr WT-MN

0

7,5 7,9

-0,32

0,71

4

4

0,46

66

2

2,9 3

-0,054

0,71

4

4

0,076

66

4

3,6 4,1

-0,48

0,71

4

4

0,68

66

6

3,8 3,5

0,29

0,71

4

4

0,41

66

6,05

3,9 3,4

0,54

0,71

4

4

0,75

66

6,15

4,2 4,9

-0,79

0,71

4

4

1,1

66

6,7

4,2 5,9

-1,7

0,71

4

4

2,4

66

7

4,5 7,9

-3,4

0,71

4

4

4,8

66

8

4,5 8,3

-3,8

0,71

4

4

5,4

66

9

4,2 7,8

-3,5

0,71

4

4

5

66

10

4,1 7,9

-3,9

0,71

4

4

5,4

66

Sup. Fig8D

Two-way RM ANOVA	Matching: Stacked				
Assume sphericity?	Yes				
Alpha	0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?	
Time x Column Factor	15,23	<0,001	****	Yes	
Time	12,16	<0,001	****	Yes	
Column Factor	57,77	<0,001	****	Yes	
Subject	2,486	0,15	ns	No	
ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Column Factor	156	21	7,431	F (21, 112) = 6,576	P<0,001
Time	124,6	7	17,8	F (7, 112) = 15,75	P<0,001
Column Factor	591,8	3	197,3	F (3, 16) = 123,9	P<0,001
Subject	25,47	16	1,592	F (16, 112) = 1,409	P=0,150
Residual	126,6	112	1,13		
Data summary					
Number of columns (Column Factor)	4				
Number of rows (Time)	8				
Number of subjects (Subject)	20				
Number of missing values	0				

Within each row, compare columns (simple effects within rows)

Number of families	8							
Number of comparisons per family	3							
Alpha	0,05							
Dunnett's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value			
0								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-0,04822	-1,687 to 1,590	No	ns	>0,999			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,7559	-2,395 to 0,8828	No	ns	0,558			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-0,1873	-1,826 to 1,451	No	ns	0,986			
2								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-5,422	-7,060 to -3,783	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,2597	-1,898 to 1,379	No	ns	0,965			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-4,824	-6,463 to -3,185	Yes	****	<0,001			
4								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-4,792	-6,431 to -3,153	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,3342	-1,973 to 1,305	No	ns	0,931			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-5,564	-7,203 to -3,925	Yes	****	<0,001			
6								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-4,323	-5,961 to -2,684	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,34	-1,299 to 1,979	No	ns	0,928			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-4,014	-5,652 to -2,375	Yes	****	<0,001			
6,05								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-4,543	-6,181 to -2,904	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	0,6167	-1,022 to 2,255	No	ns	0,699			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-4,107	-5,746 to -2,468	Yes	****	<0,001			
6,15								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-5,773	-7,412 to -4,134	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-1,746	-3,385 to -0,1077	Yes	*	0,034			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-4,992	-6,631 to -3,353	Yes	****	<0,001			
6,7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-4,793	-6,431 to -3,154	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-4,285	-5,923 to -2,646	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-5,633	-7,272 to -3,994	Yes	****	<0,001			
7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	-4,256	-5,895 to -2,617	Yes	****	<0,001			
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	-0,8473	-2,486 to 0,7913	No	ns	0,469			
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	-4,678	-6,316 to -3,039	Yes	****	<0,001			
Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	q	DF
0								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	7,842	7,89	-0,04822	0,6893	5	5	0,06996	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	7,842	8,598	-0,7559	0,6893	5	5	1,097	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	7,842	8,03	-0,1873	0,6893	5	5	0,2717	128
2								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	2,668	8,09	-5,422	0,6893	5	5	7,866	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	2,668	2,928	-0,2597	0,6893	5	5	0,3767	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	2,668	7,492	-4,824	0,6893	5	5	6,999	128
4								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	2,993	7,785	-4,792	0,6893	5	5	6,952	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	2,993	3,327	-0,3342	0,6893	5	5	0,4848	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	2,993	8,557	-5,564	0,6893	5	5	8,072	128
6								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	3,541	7,863	-4,323	0,6893	5	5	6,271	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	3,541	3,201	0,34	0,6893	5	5	0,4933	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	3,541	7,554	-4,014	0,6893	5	5	5,823	128
6,05								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	3,419	7,962	-4,543	0,6893	5	5	6,59	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	3,419	2,803	0,6167	0,6893	5	5	0,8947	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	3,419	7,527	-4,107	0,6893	5	5	5,959	128
6,15								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	3,148	8,922	-5,773	0,6893	5	5	8,376	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	3,148	4,895	-1,746	0,6893	5	5	2,534	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	3,148	8,14	-4,992	0,6893	5	5	7,242	128
6,7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	3,242	8,034	-4,793	0,6893	5	5	6,953	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	3,242	7,526	-4,285	0,6893	5	5	6,216	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	3,242	8,875	-5,633	0,6893	5	5	8,173	128
7								
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle inhibited iso-mito (myxo)	3,711	7,967	-4,256	0,6893	5	5	6,174	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted carr intact iso-mito	3,711	4,558	-0,8473	0,6893	5	5	1,229	128
Depleted carr inhibited iso-mito (myxo) vs. Depleted Vehicle intact iso-mito	3,711	8,388	-4,678	0,6893	5	5	6,786	128

Sup Fig9A

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0.05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	15.35	<0.0001	****	Yes
Time	50.94	<0.0001	****	Yes
Treatment	22.99	<0.0001	****	Yes
Subject	2.704	0.0289	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	42.56	7	6.08	F (7, 56) = 15.32	P<0.0001
Time	141.2	7	20.18	F (7, 56) = 50.86	P<0.0001
Treatment	63.74	1	63.74	F (1, 8) = 68.03	P<0.0001
Subject	7.496	8	0.937	F (8, 56) = 2.382	P=0.0289
Residual	22.22	56	0.3967		

Difference between column means
 Mean of WT 6.471
 Mean of CD200R KO 4.686
 Difference between means 1.785
 SE of difference 0.2164
 95% CI of difference 1.286 to 2.284

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 8
 Number of subjects (Subject) 10
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 8
 Alpha 0.05

Sidak's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value
WT - CD200R KO					
0	0.3606	-0.8545 to 1.576	No	ns	0.8845
1	-0.04215	-1.257 to 1.173	No	ns	>0.9999
2	-0.2478	-1.463 to 0.9673	No	ns	0.9988
3	1.606	0.3813 to 2.821	Yes	**	0.0033
4	3.115	1.900 to 4.330	Yes	****	<0.0001
6	3.13	1.915 to 4.345	Yes	****	<0.0001
8	3.073	1.858 to 4.288	Yes	****	<0.0001
15	3.286	2.071 to 4.501	Yes	****	<0.0001

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
WT - CD200R KO								
0	7.667	7.326	0.3606	0.4309	5	5	0.8369	64
1	3.758	3.8	-0.04215	0.4309	5	5	0.9781	64
2	3.408	3.656	-0.2478	0.4309	5	5	0.5749	64
3	5.493	3.887	1.606	0.4309	5	5	3.728	64
4	7.5	4.384	3.115	0.4309	5	5	7.229	64
6	7.738	4.608	3.13	0.4309	5	5	7.264	64
8	7.889	4.816	3.073	0.4309	5	5	7.131	64
15	8.238	4.952	3.286	0.4309	5	5	7.625	64

Sup Fig9B

Column B	<i>Cd200r^{-/-}</i>
vs.	vs,
Column A	WT
Unpaired t test	
P value	0,0206
P value summary	*
Significantly different (P < 0.05)?	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=2,746, df=10
How big is the difference?	
Mean of column A	-54,17
Mean of column B	303,4
Difference between means (B - A) ± SEM	357,5 ± 130,2
95% confidence interval	67,41 to 647,6
R squared (eta squared)	0,4299
F test to compare variances	
F, DFn, Dfd	1,078, 5, 5
P value	0,936
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	6
Sample size, column B	6

Sup Fig. 9C

Column B	<i>Cd200r^{-/-}</i>
vs.	vs,
Column A	WT
Unpaired t test	
P value	0,5954
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=0,5412, df=17
How big is the difference?	
Mean of column A	28,67
Mean of column B	98,77
Difference between means (B - A) ± SEM	70,10 ± 129,5
95% confidence interval	-203,2 to 343,4
R squared (eta squared)	0,01694
F test to compare variances	
F, DFn, Dfd	1,204, 9, 8
P value	0,8039
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	9
Sample size, column B	10

Sup. Fig 9D

Two-way ANOVA		Ordinary				
Alpha		0.05				
Source of Variation	% of total variation	P value	P value summary	Significant?		
Interaction	7.14	0.296	ns	No		
Time	2.035	0.7	ns	No		
Genotype	1.335	0.496	ns	No		
ANOVA table		SS (Type III)	DF	MS	F (DF1, DF2)	P value
Interaction	0.03595	2	0.01798	F (2, 32) = 1.266		P=0.296
Time	0.01025	2	0.005123	F (2, 32) = 0.3608		P=0.700
Genotype	0.006723	1	0.006723	F (1, 32) = 0.4735		P=0.496
Residual	0.4543	32	0.0142			
Difference between column means						
Predicted (LS) mean of WT	1.653					
Predicted (LS) mean of CD200R-/-	1.681					
Difference between predicted means	-0.02815					
SE of difference	0.04091					
95% CI of difference	-0.1115 to 0.05518					
Data summary						
Number of columns (Genotype)	2					
Number of rows (Time)	3					
Number of values	38					

Compare each cell mean with the other cell mean in that row

Number of families		1			
Number of comparisons per family		3			
Alpha		0.05			
Sidak's multiple comparisons test	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value
WT - CD200R-/-					
0	0.05309	-0.08483 to 0.1910	No	ns	0.712
1	-0.08615	-0.2375 to 0.1152	No	ns	0.641
7	-0.0514	-0.2412 to 0.1384	No	ns	0.875

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	t	DF
WT - CD200R-/-								
0	1.692	1.639	0.05309	0.05475	9	10	0.9697	32
1	1.648	1.734	-0.08615	0.07993	4	5	1.078	32
7	1.619	1.67	-0.0514	0.07536	5	5	0.6821	32

Sup. Fig9E-L1

Two-way ANOVA Ordinary
Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Interaction	0,04011	0,9843	ns	No
Row Factor	56,91	<0,0001	****	Yes
Genotype	0,05265	0,8395	ns	No

ANOVA table	SS (Type III)	DF	MS	F (DFn, DFd)	P value
Interaction	0,0773	2	0,03865	F (2, 34) = 0,01587	P=0,9843
Row Factor	109,7	2	54,84	F (2, 34) = 22,52	P<0,0001
Genotype	0,1015	1	0,1015	F (1, 34) = 0,04167	P=0,8395
Residual	82,8	34	2,435		

Difference between column means
 Predicted (LS) mean of WT 1,629
 Predicted (LS) mean of KO 1,736
 Difference between predicted means -0,1062
 SE of difference 0,5202
 95% CI of difference -1,163 to 0,9509

Data summary
 Number of columns (Genotype) 2
 Number of rows (Row Factor) 3
 Number of values 40

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 3
 Alpha 0,05

Bonferroni's multiple comparisons test	Predicted (LS) mean	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT - KO					
0	-0,1895	-1,947 to 1,568	No	ns	>0,9999
1	0,02293	-2,462 to 2,508	No	ns	>0,9999
7	-0,1519	-2,637 to 2,333	No	ns	>0,9999

Test details	Predicted (LS) mean	Predicted (LS) mean	Predicted (LS) mean	SE of diff,	N1	N2	t	DF
WT - KO								
0	0,5306	0,7201	-0,1895	0,6979	10	10	0,2716	34
1	4,278	4,255	0,02293	0,9869	5	5	0,02323	34
7	0,07909	0,231	-0,1519	0,9869	5	5	0,1539	34

Sup. Fig9E-IL6

Two-way ANOVA		Ordinary				
Alpha		0.05				
Source of Variation	% of total variation	P value	P value summary	Significant?		
Interaction	2.808	0.312	ns	No		
Row Factor	56.42	<0.0001	****	Yes		
Genotype	1.907	0.2093	ns	No		
ANOVA table		SS (Type III)	DF	MS	F (DFn, DFd)	P value
Interaction		10.06	2	5.031	F (2, 34) = 1.206	P=0.3120
Row Factor		202.2	2	101.1	F (2, 34) = 24.23	P<0.0001
Genotype		6.834	1	6.834	F (1, 34) = 1.637	P=0.2093
Residual		141.9	34	4.174		
Difference between column means						
Predicted (LS) mean of WT	2.442					
Predicted (LS) mean of KO	1.57					
Difference between predicted means	0.8714					
SE of difference	0.681					
95% CI of difference	-0.5125 to 2.255					
Data summary						
Number of columns (Genotype)	2					
Number of rows (Row Factor)	3					
Number of values	40					

Compare each cell mean with the other cell mean in that row

Number of families	1				
Number of comparisons per family	3				
Alpha	0.05				
Bonferroni's multiple comparisons test	Predicted (LS) mean diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value
WT - KO					
0	-0.009374	-2.310 to 2.291	No	ns	>0.9999
1	2.379	-0.8743 to 5.633	No	ns	0.2229
7	0.2441	-3.010 to 3.498	No	ns	>0.9999

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff.	SE of diff.	N1	N2	t	DF
WT - KO								
0	0.2299	0.2393	-0.009374	0.9136	10	10	0.01026	34
1	6.647	4.267	2.379	1.292	5	5	1.842	34
7	0.4483	0.2042	0.2441	1.292	5	5	0.189	34

Sup. Fig9F

Assume sphericity? Yes
Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	7,353	0,002	**	Yes
Time	68,66	<0,0001	****	Yes
Treatment	0,7933	0,1387	ns	No
Subject	3,064	0,4	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,1934	7	0,02762	F (7, 70) = 3,853	P=0,0020
Time	1,806	7	0,2579	F (7, 70) = 34,12	P<0,0001
Treatment	0,02086	1	0,02086	F (1, 10) = 2,589	P=0,1387
Subject	0,08058	10	0,008058	F (10, 70) = 1,066	P=0,4000
Residual	0,5293	70	0,007561		

Difference between column means
Mean of CD200R KO -> WT 0,1478
Mean of CD200R KO -> CD200R KO 0,1183
Difference between means 0,02948
SE of difference 0,01832
95% CI of difference -0,01134 to 0,07031

Data summary
Number of columns (Treatment) 2
Number of rows (Time) 8
Number of subjects (Subject) 12
Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
Number of comparisons per family 8
Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
CD200R KO -> WT - CD200R KO -> CD200R KO					
0	-0,09018	-0,2314 to 0,05100	No	ns	0,475
2	0,008762	-0,1324 to 0,1499	No	ns	>0,9999
4	-0,05919	-0,2004 to 0,08199	No	ns	0,893
6	0,003927	-0,1373 to 0,1451	No	ns	>0,9999
6,05	0,03011	-0,1111 to 0,1713	No	ns	0,9984
6,15	0,1202	-0,02102 to 0,2613	No	ns	0,1458
6,7	0,2102	0,06903 to 0,3514	Yes	***	0,0006
7	0,01207	-0,1291 to 0,1533	No	ns	>0,9999

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
CD200R KO -> WT - CD200R KO -> CD200R KO								
0	0,4382	0,5283	-0,09018	0,05041	6	6	1,789	80
2	0,04821	0,03945	0,008762	0,05041	6	6	0,1738	80
4	0,04229	0,1015	-0,05919	0,05041	6	6	1,174	80
6	0,06855	0,06462	0,003927	0,05041	6	6	0,07789	80
6,05	0,0972	0,06709	0,03011	0,05041	6	6	0,5973	80
6,15	0,1716	0,0514	0,1202	0,05041	6	6	2,384	80
6,7	0,2661	0,05584	0,2102	0,05041	6	6	4,17	80
7	0,05033	0,03825	0,01207	0,05041	6	6	0,2395	80

Sup. Fig9G

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18,53	<0,0001	****	Yes
Time	46,37	<0,0001	****	Yes
Treatment	11,93	0,0018	**	Yes
Subject	2,539	0,3032	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	0,7309	10	0,07309	F (10, 60) = 5,392	P<0,0001
Time	1,829	10	0,1829	F (10, 60) = 13,49	P<0,0001
Treatment	0,4707	1	0,4707	F (1, 6) = 28,20	P=0,0018
Subject	0,1001	6	0,01669	F (6, 60) = 1,231	P=0,3032
Residual	0,8133	60	0,01356		

Difference between column means
 Mean of Depleted carr WT mono 0,2594
 Mean of Depleted carr CD200R-/- mono 0,1131
 Difference between means 0,1463
 SE of difference 0,02754
 95% CI of difference 0,07887 to 0,2137

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 11
 Number of subjects (Subject) 8
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 11
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
Depleted carr WT mono - Depleted carr CD200R-/- mono					
0	-0,03577	-0,2795 to 0,2080	No	ns	>0,9999
2	-0,008102	-0,2518 to 0,2356	No	ns	>0,9999
4	-0,001291	-0,2450 to 0,2424	No	ns	>0,9999
6	0,01416	-0,2296 to 0,2579	No	ns	>0,9999
6,05	-0,01015	-0,2539 to 0,2336	No	ns	>0,9999
6,15	0,02787	-0,2159 to 0,2716	No	ns	>0,9999
6,7	0,09732	-0,1464 to 0,3411	No	ns	0,9554
7	0,4306	0,1868 to 0,6743	Yes	****	<0,0001
8	0,4167	0,1730 to 0,6604	Yes	****	<0,0001
9	0,3277	0,08398 to 0,5714	Yes	**	0,0022
10	0,3499	0,1062 to 0,5936	Yes	***	0,0009

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
Depleted carr WT mono - Depleted carr CD200R-/- mono								
0	0,5059	0,5416	-0,03577	0,08319	4	4	0,43	66
2	0,03072	0,03882	-0,008102	0,08319	4	4	0,09739	66
4	0,04101	0,0423	-0,001291	0,08319	4	4	0,01552	66
6	0,07896	0,0648	0,01416	0,08319	4	4	0,1702	66
6,05	0,06873	0,07888	-0,01015	0,08319	4	4	0,122	66
6,15	0,09458	0,06671	0,02787	0,08319	4	4	0,335	66
6,7	0,1794	0,0821	0,09732	0,08319	4	4	1,17	66
7	0,5094	0,07887	0,4306	0,08319	4	4	5,176	66
8	0,4714	0,0547	0,4167	0,08319	4	4	5,009	66
9	0,442	0,1143	0,3277	0,08319	4	4	3,939	66
10	0,4313	0,08137	0,3499	0,08319	4	4	4,206	66

Sup. Fig9H

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18,51	<0,0001	****	Yes
Time	50,44	<0,0001	****	Yes
Treatment	15,4	0,0002	***	Yes
Subject	1,38	0,4555	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	79,77	10	7,977	F (10, 60) = 7,780	P<0,0001
Time	217,4	10	21,74	F (10, 60) = 21,20	P<0,0001
Treatment	66,4	1	66,4	F (1, 6) = 66,98	P=0,0002
Subject	5,948	6	0,9913	F (6, 60) = 0,9668	P=0,4555
Residual	61,52	60	1,025		

Difference between column means
 Mean of Depleted carr WT mono 6,274
 Mean of Depleted carr CD200R-/- mono 4,537
 Difference between means 1,737
 SE of difference 0,2123
 95% CI of difference 1,218 to 2,257

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 11
 Number of subjects (Subject) 8
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 11
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
Depleted carr WT mono - Depleted carr CD200R-/- mono					
0	0,9018	-1,193 to 2,996	No	ns	0,9269
2	-0,7854	-2,880 to 1,309	No	ns	0,9713
4	0,1512	-1,943 to 2,246	No	ns	>0,9999
6	-0,01875	-2,113 to 2,076	No	ns	>0,9999
6,05	-0,2021	-2,297 to 1,893	No	ns	>0,9999
6,15	0,2277	-1,867 to 2,322	No	ns	>0,9999
6,7	3,634	1,539 to 5,728	Yes	****	<0,0001
7	3,596	1,501 to 5,690	Yes	****	<0,0001
8	3,978	1,883 to 6,072	Yes	****	<0,0001
9	3,322	1,227 to 5,417	Yes	***	0,0002
10	4,307	2,212 to 6,401	Yes	****	<0,0001

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
Depleted carr WT mono - Depleted carr CD200R-/- mono								
0	8,257	7,355	0,9018	0,7149	4	4	1,261	66
2	2,423	3,208	-0,7854	0,7149	4	4	1,099	66
4	3,677	3,525	0,1512	0,7149	4	4	0,2116	66
6	3,773	3,792	-0,01875	0,7149	4	4	0,02623	66
6,05	4,231	4,433	-0,2021	0,7149	4	4	0,2827	66
6,15	4,555	4,328	0,2277	0,7149	4	4	0,3185	66
6,7	8,634	5	3,634	0,7149	4	4	5,083	66
7	7,9	4,304	3,596	0,7149	4	4	5,03	66
8	8,37	4,393	3,978	0,7149	4	4	5,564	66
9	8,347	5,025	3,322	0,7149	4	4	4,646	66
10	8,849	4,542	4,307	0,7149	4	4	6,024	66

Sup. Fig10B - complex 1

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Column Factor	1,375	0,7235	ns	No
Time	43,35	0,0013	**	Yes
Column Factor	5,333	0,1479	ns	No
Subject	16,63	0,4736	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Column Factor	196	2	98,02	F (2, 16) = 0,3303	P=0,7235
Time	6180	2	3090	F (2, 16) = 10,41	P=0,0013
Column Factor	760,2	1	760,2	F (1, 8) = 2,566	P=0,1479
Subject	2370	8	296,3	F (8, 16) = 0,9983	P=0,4736
Residual	4748	16	296,8		

Difference between column means

Mean of WT	11,38
Mean of CD200R ^{-/-}	21,45
Difference between means	-10,07
SE of difference	6,285
95% CI of difference	-24,56 to 4,426

Data summary

Number of columns (Column Factor)	2
Number of rows (Time)	3
Number of subjects (Subject)	10
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	3
Alpha	0,05

Bonferroni's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT - CD200R ^{-/-}					
basal	-3,376	-31,41 to 24,66	No	ns	>0,9999
ADP	-11,04	-39,08 to 16,99	No	ns	0,9624
Oligo	-15,79	-43,82 to 12,25	No	ns	0,4807

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
WT - CD200R ^{-/-}								
basal	8,132	11,51	-3,376	10,89	5	5	0,31	24
ADP	30,82	41,86	-11,04	10,89	5	5	1,014	24
Oligo	-4,803	10,98	-15,79	10,89	5	5	1,449	24

Sup. Fig10B - Complex 2

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Column Factor	0,4433	0,8681	ns	No
Time	32,6	0,0012	**	Yes
Column Factor	0,03762	0,9347	ns	No
Subject	42,08	0,0181	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Column Factor	33,8	2	16,9	F (2, 16) = 0,1427	P=0,8681
Time	2485	2	1243	F (2, 16) = 10,50	P=0,0012
Column Factor	2,868	1	2,868	F (1, 8) = 0,007152	P=0,9347
Subject	3208	8	401	F (8, 16) = 3,387	P=0,0181
Residual	1894	16	118,4		

Difference between column means	
Mean of WT	7,763
Mean of CD200R ^{-/-}	8,381
Difference between means	-0,6184
SE of difference	7,312
95% CI of difference	-17,48 to 16,24

Data summary	
Number of columns (Column Factor)	2
Number of rows (Time)	3
Number of subjects (Subject)	10
Number of missing values	0

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	3
Alpha	0,05

Bonferroni's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT - CD200R ^{-/-}					
basal	-3,128	-26,86 to 20,61	No	ns	>0,9999
ADP	2,064	-21,67 to 25,80	No	ns	>0,9999
Oligo	-0,7913	-24,52 to 22,94	No	ns	>0,9999

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
WT - CD200R ^{-/-}								
basal	8,266	11,39	-3,128	9,222	5	5	0,3392	24
ADP	19,27	17,2	2,064	9,222	5	5	0,2238	24
Oligo	-4,245	-3,454	-0,7913	9,222	5	5	0,08581	24

Sup Fig10C - Release

Column B	<i>Cd200r^{-/-}</i>	
vs.	vs,	
Column A	WT	
Unpaired t test		
P value		0,5003
P value summary	ns	
Significantly different (P < 0.05)?	No	
One- or two-tailed P value?	Two-tailed	
t, df	t=0,7058, df=8	
How big is the difference?		
Mean of column A		14323
Mean of column B		24564
Difference between means (B - A) ± SEM	10241 ± 14509	
95% confidence interval	-23217 to 43699	
R squared (eta squared)		0,05862
F test to compare variances		
F, DFn, Dfd	3,553, 4, 4	
P value		0,2471
P value summary	ns	
Significantly different (P < 0.05)?	No	
Data analyzed		
Sample size, column A		5
Sample size, column B		5

Sup Fig10C - MTDR

Column B	<i>Cd200r^{-/-}</i>
vs.	vs,
Column A	WT
Unpaired t test	
P value	0,492
P value summary	ns
Significantly different (P < 0.05)?	No
One- or two-tailed P value?	Two-tailed
t, df	t=0,7200, df=8
How big is the difference?	
Mean of column A	5560
Mean of column B	8130
Difference between means (B - A) ± SEM	2569 ± 3568
95% confidence interval	-5659 to 10798
R squared (eta squared)	0,06086
F test to compare variances	
F, DFn, Dfd	6,869, 4, 4
P value	0,0887
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	5
Sample size, column B	5

Sup. Fig10D

Two-way ANOVA Ordinary
Alpha 0,05

Source of Variation	% of total variation	P value	P value sur	Significant?
Interaction	4,4	0,8034	ns	No
Time	19	0,1043	ns	No
Treatment	0,024	0,9109	ns	No

ANOVA table	SS (Type III)	DF	MS	F (DFn, DF P value
Interaction	79383	5	15877	F (5, 40) = P=0,8034
Time	339661	5	67932	F (5, 40) = P=0,1043
Treatment	437	1	437	F (1, 40) = P=0,9109
Residual	1380086	40	34502	

Difference between column means	
Predicted (LS) mean of F4/80	140
Predicted (LS) mean of Other	134
Difference between predicted means	6
SE of difference	53
95% CI of difference	-101 to 113

Data summary	
Number of columns (Treatment)	2
Number of rows (Time)	6
Number of values	52

Within each column, compare rows (simple effects within columns)

Number of families	2
Number of comparisons per family	5
Alpha	0,05

Bonferroni's multiple comparisons test	Predicted (LS) mean diff,	95,00% CI	Significant?	Summary	Adjusted P Value
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F4/80					
WT vs. KO	0,49	-410 to 411	No	ns	>0,9999
WT vs. WT	-220	-587 to 147	No	ns	0,5657
WT vs. KO	-274	-640 to 93	No	ns	0,2525
WT vs. WT	-16	-383 to 351	No	ns	>0,9999
WT vs. KO	-6,8	-374 to 360	No	ns	>0,9999

Other					
WT vs. KO	28	-382 to 436	No	ns	>0,9999
WT vs. WT	-45	-412 to 322	No	ns	>0,9999
WT vs. KO	-105	-472 to 262	No	ns	>0,9999
WT vs. WT	-22	-389 to 345	No	ns	>0,9999
WT vs. KO	26	-341 to 391	No	ns	>0,9999

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff	SE of diff	N1	N2	t	DF
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F4/80								
WT vs. KO	55	54	0,49	152	3	3	0,0032	40
WT vs. WT	55	274	-220	136	3	5	1,6	40
WT vs. KO	55	328	-274	136	3	5	2	40
WT vs. WT	55	70	-16	136	3	5	0,12	40
WT vs. KO	55	61	-6,8	136	3	5	0,05	40

Other								
WT vs. KO	115	87	28	152	3	3	0,19	40
WT vs. WT	115	160	-45	136	3	5	0,33	40
WT vs. KO	115	220	-105	136	3	5	0,77	40
WT vs. WT	115	137	-22	136	3	5	0,16	40
WT vs. KO	115	89	26	136	3	5	0,19	40

Sup Fig10E

Two-way ANOVA	Ordinary			
Alpha	0,05			
Source of Variation	% of total variation	P value	P value sur	Significant?
Interaction	6,3	0,8509	ns	No
Row Factor	14	0,0485	*	Yes
Time	8,7	0,0281	*	Yes
ANOVA table	SS (Type III)	DF	MS	F (DFn, DF) P value
Interaction	55058	10	5506	F (10, 60) = P=0,8509
Row Factor	120496	5	24099	F (5, 60) = P=0,0485
Time	76586	2	38293	F (2, 60) = P=0,0281
Residual	605910	60	10099	
Data summary				
Number of columns (Time)	3			
Number of rows (Row Factor)	6			
Number of values	78			

Within each column, compare rows (simple effects within columns)

Number of families	3
Number of comparisons per family	5
Alpha	0,05

Bonferroni's multiple comparisons test Predicted (LS) mean diff, 95,00% CI Significant Summary Adjusted P Value

iNos					
KO vs. WT	-4	-222 to 214	No	ns	>0,9999
KO vs. WT	-9,1	-204 to 18€	No	ns	>0,9999
KO vs. KO	-22	-217 to 174	No	ns	>0,9999
KO vs. WT	-6,8	-202 to 18€	No	ns	>0,9999
KO vs. KO	-3,3	-199 to 192	No	ns	>0,9999
CD206					
KO vs. WT	-2,6	-221 to 21€	No	ns	>0,9999
KO vs. WT	-117	-312 to 79	No	ns	0,5868
KO vs. KO	-169	-364 to 26	No	ns	0,1248
KO vs. WT	-11	-206 to 184	No	ns	>0,9999
KO vs. KO	-5,2	-200 to 19€	No	ns	>0,9999
Other					
KO vs. WT	6,2	-212 to 224	No	ns	>0,9999
KO vs. WT	-95	-290 to 101	No	ns	>0,9999
KO vs. KO	-84	-279 to 112	No	ns	>0,9999
KO vs. WT	1,5	-194 to 197	No	ns	>0,9999
KO vs. KO	1,3	-194 to 19€	No	ns	>0,9999

Test details	Predicted (LS) mean	1	Predicted (Predicted (SE of diff,	N1	N2	t	DF
iNos									
KO vs. WT	6,3	10	-4	82	3	3	0,049	60	
KO vs. WT	6,3	15	-9,1	73	3	5	0,12	60	
KO vs. KO	6,3	28	-22	73	3	5	0,29	60	
KO vs. WT	6,3	13	-6,8	73	3	5	0,092	60	
KO vs. KO	6,3	9,6	-3,3	73	3	5	0,045	60	
CD206									
KO vs. WT	40	43	-2,6	82	3	3	0,032	60	
KO vs. WT	40	156	-117	73	3	5	1,6	60	
KO vs. KO	40	209	-169	73	3	5	2,3	60	
KO vs. WT	40	51	-11	73	3	5	0,15	60	
KO vs. KO	40	45	-5,2	73	3	5	0,071	60	
Other									
KO vs. WT	7,9	1,8	6,2	82	3	3	0,075	60	
KO vs. WT	7,9	102	-95	73	3	5	1,3	60	
KO vs. KO	7,9	92	-84	73	3	5	1,1	60	
KO vs. WT	7,9	6,5	1,5	73	3	5	0,02	60	
KO vs. KO	7,9	6,7	1,3	73	3	5	0,017	60	

Sup. Fig10F

Table Analyzed F4/80 gem, CD200R vs WT

Column B *Cd200r*^{-/-}

vs. vs,

Column A WT

Unpaired t test

P value 0,9879

P value summary ns

Significantly different (P < 0.05)? No

One- or two-tailed P value? Two-tailed

t, df t=0,01565, df=8

How big is the difference?

Mean of column A 2,893

Mean of column B 2,888

Difference between means (B - A) -0,005363 ± 0,3427

95% confidence interval -0,7957 to 0,7849

R squared (eta squared) 0,00003061

F test to compare variances

F, DFn, Dfd 1,794, 4, 4

P value 0,5852

P value summary ns

Significantly different (P < 0.05)? No

Data analyzed

Sample size, column A 5

Sample size, column B 5

Sup. Fig10G

Table Analyzed	CD206 gem, CD200R vs WT	
Column B	<i>Cd200r^{-/-}</i>	
vs.	vs,	
Column A	WT	
Paired t test		
P value		0,128
P value summary	ns	
Significantly different (P < 0.05)?	No	
One- or two-tailed P value?	Two-tailed	
t, df	t=1,915, df=4	
Number of pairs		5
How big is the difference?		
Mean of differences (B - A)		0,4509
SD of differences		0,5264
SEM of differences		0,2354
95% confidence interval	-0,2027 to 1,104	
R squared (partial eta squared)		0,4784
How effective was the pairing?		
Correlation coefficient (r)		0,3091
P value (one tailed)		0,3064
P value summary	ns	
Was the pairing significantly effective?	No	

Sup. Fig11

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	18,51	<0,0001	****	Yes
Time	56,3	<0,0001	****	Yes
Treatment	5,726	<0,0001	****	Yes
Subject	0,755	0,985	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	74,94	14	5,353	F (14, 70) = 4,794	P<0,0001
Time	228	7	32,57	F (7, 70) = 29,16	P<0,0001
Treatment	23,19	2	11,59	F (2, 10) = 37,92	P<0,0001
Subject	3,057	10	0,3057	F (10, 70) = 0,2738	P=0,9850
Residual	78,17	70	1,117		

Data summary
 Number of columns (Treatment) 3
 Number of rows (Time) 8
 Number of subjects (Subject) 13
 Number of missing values 0

Within each row, compare columns (simple effects within rows)

Number of families 8
 Number of comparisons per family 2
 Alpha 0,05

Dunnett's multiple comparisons test Predicted (LS) mean ± 95,00% CI of diff. Significant? Summary Adjusted P Value

	Predicted (LS) mean ± 95,00% CI of diff.	Significant?	Summary	Adjusted P Value	
0					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0,5478	-2,150 to 1,054	No	ns	0,6568
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0,2804	-1,239 to 1,800	No	ns	0,8809
2					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0,02833	-1,630 to 1,574	No	ns	0,9988
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	-0,1593	-1,679 to 1,361	No	ns	0,9594
6					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0,8646	-2,467 to 0,7375	No	ns	0,3722
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	-0,5394	-2,059 to 0,9804	No	ns	0,6367
8					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0,5538	-1,048 to 2,156	No	ns	0,651
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0,2018	-1,318 to 1,722	No	ns	0,9359
8.05					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	0,7737	-0,8283 to 2,376	No	ns	0,4469
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0,36	-1,160 to 1,880	No	ns	0,813
8.15					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	3,465	1,863 to 5,067	Yes	****	<0,0001
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	3,171	1,651 to 4,691	Yes	****	<0,0001
8.4					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	4,339	2,737 to 5,941	Yes	****	<0,0001
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	4,996	3,476 to 6,516	Yes	****	<0,0001
9					
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	-0,1804	-1,782 to 1,422	No	ns	0,9534
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	0,3051	-1,215 to 1,825	No	ns	0,861

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean ± SE of diff.	N1	N2	q	DF
0							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	7,983	8,53	-0,5478	0,7125	4	4	0,7687 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	7,983	7,702	0,2804	0,676	4	5	0,4149 80
2							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	3,205	3,233	-0,02833	0,7125	4	4	0,03977 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	3,205	3,364	-0,1593	0,676	4	5	0,2357 80
6							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	3,123	3,988	-0,8646	0,7125	4	4	1,213 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	3,123	3,662	-0,5394	0,676	4	5	0,798 80
8							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	3,624	3,07	0,5538	0,7125	4	4	0,7772 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	3,624	3,422	0,2018	0,676	4	5	0,2986 80
8.05							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	4,127	3,353	0,7737	0,7125	4	4	1,086 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	4,127	3,767	0,36	0,676	4	5	0,5326 80
8.15							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	6,888	3,423	3,465	0,7125	4	4	4,863 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	6,888	3,717	3,171	0,676	4	5	4,691 80
8.4							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	8,042	3,703	4,339	0,7125	4	4	6,09 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	8,042	3,046	4,996	0,676	4	5	7,391 80
9							
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicles KO	3,75	3,93	-0,1804	0,7125	4	4	0,2532 80
MMdtr + Carr + Vesicles WT vs. MMdtr + Carr + Vesicle sup	3,75	3,445	0,3051	0,676	4	5	0,4513 80

Sup. Fig12A

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	0,89	0,7354	ns	No
Time	86	<0,0001	****	Yes
Treatment	0,27	0,4705	ns	No
Subject	2,7	0,2516	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	2,3	5	0,47	F (5, 30) = 0,55	P=0,7354
Time	225	5	45	F (5, 30) = 53	P<0,0001
Treatment	0,7	1	0,7	F (1, 6) = 0,59	P=0,4705
Subject	7	6	1,2	F (6, 30) = 1,4	P=0,2516
Residual	25	30	0,84		

Difference between column means
 Mean of WT Carr 5
 Mean of CD200 Carr 5,2
 Difference between means -0,24
 SE of difference 0,31
 95% CI of difference -1,0 to 0,52

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 6
 Number of subjects (Subject) 8
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 6
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
WT Carr - CD200 Carr					
0	-0,066	-1,9 to 1,8	No	ns	>0,9999
0,5	-0,016	-1,9 to 1,9	No	ns	>0,9999
1	0,33	-1,5 to 2,2	No	ns	0,9971
2	-1,1	-3,0 to 0,76	No	ns	0,4949
3	-0,31	-2,2 to 1,6	No	ns	0,9979
4	-0,27	-2,1 to 1,6	No	ns	0,999

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
WT Carr - CD200 Carr								
0	7,7	7,8	-0,066	0,67	4	4	0,098	36
0,5	3	3,1	-0,016	0,67	4	4	0,024	36
1	3,6	3,3	0,33	0,67	4	4	0,5	36
2	2,6	3,7	-1,1	0,67	4	4	1,7	36
3	4,7	5	-0,31	0,67	4	4	0,47	36
4	8,2	8,4	-0,27	0,67	4	4	0,41	36

Sup. Fig12B

ANOVA summary	
F	9,596
P value	<0,0001
P value summary	****
Significant diff. among means (P < 0.05)?	Yes
R squared	0.6153

Brown-Forsythe test	
F (DFn, DFd)	0,6834 (5, 30)
P value	0,6396
P value summary	ns
Are SDs significantly different (P < 0.05)?	No

Bartlett's test	
Bartlett's statistic (corrected)	2,588
P value	0,7633
P value summary	ns
Are SDs significantly different (P < 0.05)?	No

ANOVA table					
Treatment (between columns)	SS	DF	MS	F (DFn, DFd)	P value
Residual (within columns)	1,642	5	0,3284	F (5, 30) = 9,596	P<0,0001
Total	1,027	30	0,03422		
	2,669	35			

Data summary	
Number of treatments (columns)	6
Number of values (total)	36

Number of families		1
Number of comparisons per family		5
Alpha		0,05

Dunnnett's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value	A-?	
0 vs. 1	-0,1073	-0,3911 to 0,1765	No	ns	0,7711	B	1
0 vs. 2	-0,1405	-0,4243 to 0,1433	No	ns	0,5581	C	2
0 vs. 3	-0,3848	-0,6686 to -0,1010	Yes	**	0,005	D	3
0 vs. 4	-0,6208	-0,9045 to -0,3370	Yes	****	<0,0001	E	4
0 vs. 7	-0,4175	-0,7013 to -0,1337	Yes	**	0,0022	F	7

Test details		Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
0 vs. 1	0,4947	0,602	-0,1073	0,1068	6	6	1,005	30	
0 vs. 2	0,4947	0,6352	-0,1405	0,1068	6	6	1,315	30	
0 vs. 3	0,4947	0,8795	-0,3848	0,1068	6	6	3,603	30	
0 vs. 4	0,4947	1,115	-0,6208	0,1068	6	6	5,812	30	
0 vs. 7	0,4947	0,9122	-0,4175	0,1068	6	6	3,909	30	

Sup. Fig12C

ANOVA summary

F	1,212
P value	0,3276
P value summary	ns
Significant dif. among means (P < 0.05)?	No
R squared	0,168

Brown-Forsythe test

F (DFn, DFd)	0,8782 (5, 30)
P value	0,5075
P value summary	ns
Are SDs significantly different (P < 0.05)?	No

Bartlett's test

Bartlett's statistic (corrected)	15,08
P value	0,01
P value summary	-
Are SDs significantly different (P < 0.05)?	Yes

ANOVA table

	SS	DF	MS	F (DFn, DFd)	P value
Treatment (between columns)	0,0006738	5	0,0001348	F (5, 30) = 1,212	P=0,3276
Residual (within columns)	0,003336	30	0,0001112		
Total	0,00401	35			

Data summary

Number of treatments (columns)	6
Number of values (total)	36

Number of families

Number of comparisons per family	5
Alpha	0,05

Dunnett's multiple comparisons test

	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value	A-?
0 vs. 1	0,006196	-0,009981 to 0,022337	No	ns	0,7629	B 1
0 vs. 2	-0,007173	-0,02335 to 0,009003	No	ns	0,5535	C 2
0 vs. 3	-0,001037	-0,01721 to 0,01514	No	ns	0,9997	D 3
0 vs. 4	0,004786	-0,01139 to 0,02096	No	ns	0,8947	E 4
0 vs. 7	0,0003897	-0,01579 to 0,01657	No	ns	>0,9999	F 7

Test details

	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2	q	DF
0 vs. 1	0,02028	0,01409	0,006196	0,006088	6	6	1,018	30
0 vs. 2	0,02028	0,02745	-0,007173	0,006088	6	6	1,178	30
0 vs. 3	0,02028	0,02132	-0,001037	0,006088	6	6	0,1704	30
0 vs. 4	0,02028	0,0155	0,004786	0,006088	6	6	0,7861	30
0 vs. 7	0,02028	0,01989	0,0003897	0,006088	6	6	0,064	30

Sup. Fig 12D

Table Analyzed N2A silencig Aso test

Two-way ANOVA		Ordinary				
Alpha		0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?		
Interaction	13,96	0,0084	**	Yes		
Row Factor	28,47	0,0006	***	Yes		
Treatment	32,85	0,0003	***	Yes		
ANOVA table		SS	DF	MS	F (DFn, DFd)	P value
Interaction	0,3289	1	0,3289	F (1, 16) = 9,039	P=0,0084	
Row Factor	0,6707	1	0,6707	F (1, 16) = 18,43	P=0,0006	
Treatment	0,774	1	0,774	F (1, 16) = 21,27	P=0,0003	
Residual	0,5822	16	0,03639			

Difference between column means

Mean of Si-Scrb1	1,115
Mean of Si-Isec1	0,7215
Difference between means	0,3934
SE of difference	0,08531
95% CI of difference	0,2126 to 0,5743

Difference between row means

Mean of Cd200	1,101
Mean of Isec1/Gm690	0,735
Difference between means	0,3662
SE of difference	0,08531
95% CI of difference	0,1854 to 0,5471

Interaction CI

Mean diff, A1 - B1	0,1369
Mean diff, A2 - B2	0,6499
(A1 - B1) - (A2 - B2)	-0,513
95% CI of difference	-0,8747 to -0,1513
(B1 - A1) - (B2 - A2)	0,513
95% CI of difference	0,1513 to 0,8747

Data summary

Number of columns (Treatment)	2
Number of rows (Row Factor)	2
Number of values	20

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	2
Alpha	0,05

Sidak's multiple comparisons test	Mean Diff.	95,00% CI of diff.	Significant?	Summary	Adjusted P Value
Si-Scrb1 - Si-Isec1					
Cd200	0,1369	-0,1606 to 0,4345	No	ns	0,4716
Isec1/Gm690	0,6499	0,3523 to 0,9475	Yes	***	0,0001

Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	N1	N2	t	DF
Si-Scrb1 - Si-Isec1								
Cd200	1,17	1,033	0,1369	0,1206	5	5	1,135	16
Isec1/Gm690	1,06	0,4101	0,6499	0,1206	5	5	5,387	16

Sup. Fig12E

Table Analyzed	iSec1
Column B	ASO iSec1
vs.	vs,
Column A	ASO MM
Unpaired t test	
P value	0,0347
P value summary	*
Significantly different (P < 0.05)?	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=2,541, df=8
How big is the difference?	
Mean of column A	0,1967
Mean of column B	0,1598
Difference between means (B - A) \pm SEM	-0,03695 \pm 0,01454
95% confidence interval	-0,07049 to -0,003411
R squared (eta squared)	0,4465
F test to compare variances	
F, DFn, Dfd	8,087, 4, 4
P value	0,0673
P value summary	ns
Significantly different (P < 0.05)?	No
Data analyzed	
Sample size, column A	5
Sample size, column B	5

Sup. Fig12F

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	10,52	<0,0001	****	Yes
Time	71,26	<0,0001	****	Yes
Treatment	6,812	0,0042	**	Yes
Subject	2,753	0,0564	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	42,84	8	5,355	F (8, 56) = 7,084	P<0,0001
Time	290,1	8	36,26	F (8, 56) = 47,97	P<0,0001
Treatment	27,73	1	27,73	F (1, 7) = 17,32	P=0,0042
Subject	11,21	7	1,601	F (7, 56) = 2,118	P=0,0564
Residual	42,33	56	0,7559		

Difference between column means
 Mean of WT Control Carr 6,232
 Mean of WT iSec1 Carr 5,055
 Difference between means 1,178
 SE of difference 0,2829
 95% CI of difference 0,5085 to 1,847

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 9
 Number of subjects (Subject) 9
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Predicted (LS) mean diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
WT Control Carr - WT iSec1 Carr					
0	-0,6398	-2,411 to 1,131	No	ns	0,9621
1	-0,9823	-2,753 to 0,7886	No	ns	0,6744
2	-0,1956	-1,966 to 1,575	No	ns	>0,9999
3	0,6186	-1,152 to 2,389	No	ns	0,9693
4	3,345	1,574 to 5,115	Yes	****	<0,0001
5	2,431	0,6605 to 4,202	Yes	**	0,0019
6	2,647	0,8763 to 4,418	Yes	***	0,0006
8	1,399	-0,3720 to 3,170	No	ns	0,2195
10	1,975	0,2043 to 3,746	Yes	*	0,0196

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff,	SE of diff,	N1	N2	t	DF
WT Control Carr - WT iSec1 Carr								
0	8,111	8,751	-0,6398	0,6184	4	5	1,035	63
1	2,047	3,029	-0,9823	0,6184	4	5	1,588	63
2	3,057	3,253	-0,1956	0,6184	4	5	0,3163	63
3	3,961	3,343	0,6186	0,6184	4	5	1	63
4	7,705	4,36	3,345	0,6184	4	5	5,409	63
5	7,999	5,567	2,431	0,6184	4	5	3,932	63
6	8,067	5,42	2,647	0,6184	4	5	4,28	63
8	7,275	5,876	1,399	0,6184	4	5	2,262	63
10	7,87	5,895	1,975	0,6184	4	5	3,194	63

Sup. Fig12G

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	11,78	<0,0001	****	Yes
Time	47,34	<0,0001	****	Yes
Treatment	31,65	0,0002	***	Yes
Subject	1,61	0,3056	ns	No

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	38,74	8	4,843	F (8, 40) = 5,703	P<0,0001
Time	155,6	8	19,45	F (8, 40) = 22,91	P<0,0001
Treatment	104,1	1	104,1	F (1, 5) = 98,27	P=0,0002
Subject	5,295	5	1,059	F (5, 40) = 1,247	P=0,3056
Residual	33,97	40	0,8491		

Difference between column means
 Mean of CD200ko Control Carr 6,501
 Mean of CD200ko iSec1 Carr 3,904
 Difference between means 2,597
 SE of difference 0,262
 95% CI of difference 1,924 to 3,271

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 9
 Number of subjects (Subject) 7
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Predicted (LS) mean diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
CD200ko Control Carr - CD200ko iSec1 Carr					
0	1,331	-0,7413 to 3,403	No	ns	0,4727
1	0,1415	-1,931 to 2,214	No	ns	>0,9999
2	0,2354	-1,837 to 2,308	No	ns	>0,9999
3	2,134	0,06207 to 4,206	Yes	*	0,0397
4	3,553	1,481 to 5,625	Yes	****	<0,0001
5	4,445	2,373 to 6,517	Yes	****	<0,0001
6	3,509	1,437 to 5,581	Yes	***	0,0001
8	3,943	1,871 to 6,015	Yes	****	<0,0001
10	4,082	2,010 to 6,154	Yes	****	<0,0001

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean diff,	SE of diff,	N1	N2	t	DF
CD200ko Control Carr - CD200ko iSec1 Carr								
0	8,576	7,245	1,331	0,7134	3	4	1,865	45
1	2,366	2,225	0,1415	0,7134	3	4	0,1984	45
2	3,447	3,211	0,2354	0,7134	3	4	0,33	45
3	5,172	3,038	2,134	0,7134	3	4	2,992	45
4	7,514	3,961	3,553	0,7134	3	4	4,981	45
5	8,29	3,845	4,445	0,7134	3	4	6,231	45
6	7,478	3,969	3,509	0,7134	3	4	4,918	45
8	8,03	4,087	3,943	0,7134	3	4	5,527	45
10	7,64	3,558	4,082	0,7134	3	4	5,722	45

Sup. Fig12H

Table Analyzed iSec1_Mutant_Facs

Two-way ANOVA	Ordinary				
Alpha	0,05				
Source of Variation	% of total variation	P value	P value summary	Significant?	
Interaction	38,61	<0,0001	****	Yes	
Row Factor	38,61	<0,0001	****	Yes	
Column Factor	17,65	0,0022	**	Yes	
ANOVA table	SS (Type III)	DF	MS	F (DFn, DFd)	P value
Interaction	0,2487	1	0,2487	F (1, 14) = 30,57	P<0,0001
Row Factor	0,2487	1	0,2487	F (1, 14) = 30,57	P<0,0001
Column Factor	0,1137	1	0,1137	F (1, 14) = 13,97	P=0,0022
Residual	0,1139	14	0,008135		
Difference between column means					
Predicted (LS) mean of ASO MM	1				
Predicted (LS) mean of ASO iSec1	0,8314				
Difference between predicted means	0,1686				
SE of difference	0,0451				
95% CI of difference	0,07185 to 0,2653				
Difference between row means					
Predicted (LS) mean of WT	0,791				
Predicted (LS) mean of Mutant	1,04				
Difference between predicted means	-0,2494				
SE of difference	0,0451				
95% CI of difference	-0,3461 to -0,1526				
Interaction CI					
Mean diff, A1 - B1	0,4179				
Mean diff, A2 - B2	-0,08078				
(A1 - B1) - (A2 - B2)	0,4987				
95% CI of difference	0,3053 to 0,6921				
(B1 - A1) - (B2 - A2)	-0,4987				
95% CI of difference	-0,6921 to -0,3053				
Data summary					
Number of columns (Column Factor)	2				
Number of rows (Row Factor)	2				
Number of values	18				

Compare each cell mean with the other cell mean in that row

Number of families	1
Number of comparisons per family	2
Alpha	0,05

Sidak's multiple comparisons test	Predicted (LS) mean di	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
ASO MM - ASO iSec1					
WT	0,4179	0,2336 to 0,6022	Yes	***	0,0001
Mutant	-0,08078	-0,2111 to 0,04956	No	ns	0,2658

Test details	Predicted (LS) mean 1	Predicted (LS) mean 2	Predicted (LS) mean di	SE of diff,	N1	N2	t	DF
ASO MM - ASO iSec1								
WT	1	0,5821	0,4179	0,07364	3	3	5,675	14
Mutant	1	1,081	-0,08078	0,05207	6	6	1,551	14

Sup. Fig121

Two-way RM ANOVA Matching: Stacked
 Assume sphericity? Yes
 Alpha 0,05

Source of Variation	% of total variation	P value	P value summary	Significant?
Time x Treatment	17,48	<0,0001	****	Yes
Time	60,92	<0,0001	****	Yes
Treatment	6,469	0,0162	*	Yes
Subject	3,539	0,0385	*	Yes

ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
Time x Treatment	78,85	8	9,856	F (8, 48) = 9,047	P<0,0001
Time	274,8	8	34,35	F (8, 48) = 31,53	P<0,0001
Treatment	29,19	1	29,19	F (1, 6) = 10,97	P=0,0162
Subject	15,97	6	2,661	F (6, 48) = 2,442	P=0,0385
Residual	52,29	48	1,089		

Difference between column means	
Mean of CD200ko-iSecsi (EV)	5,289
Mean of CD200ko-iSecsi (iSec)	6,562
Difference between means	-1,273
SE of difference	0,3845
95% CI of difference	-2,214 to -0,3325

Data summary
 Number of columns (Treatment) 2
 Number of rows (Time) 9
 Number of subjects (Subject) 8
 Number of missing values 0

Compare each cell mean with the other cell mean in that row

Number of families 1
 Number of comparisons per family 9
 Alpha 0,05

Sidak's multiple comparisons test	Mean Diff,	95,00% CI of diff,	Significant?	Summary	Adjusted P Value
CD200ko-iSecsi (EV) - CD200ko-iSecsi (iSec)					
-4	0,01438	-2,276 to 2,304	No	ns	>0,9999
-3	0,4726	-1,817 to 2,763	No	ns	0,9993
-1	0,7609	-1,529 to 3,051	No	ns	0,9771
1	-0,1248	-2,415 to 2,165	No	ns	>0,9999
2	-0,01208	-2,302 to 2,278	No	ns	>0,9999
3	-0,405	-2,695 to 1,885	No	ns	0,9998
4	-3,219	-5,509 to -0,9289	Yes	**	0,0015
5	-5,624	-7,914 to -3,334	Yes	****	<0,0001
6	-3,323	-5,613 to -1,033	Yes	***	0,001

Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	N1	N2	t	DF
CD200ko-iSecsi (EV) - CD200ko-iSecsi (iSec)								
-4	8,965	8,95	0,01438	0,795	4	4	0,01808	54
-3	7,877	7,405	0,4726	0,795	4	4	0,5945	54
-1	8,275	7,514	0,7609	0,795	4	4	0,9571	54
1	2,415	2,539	-0,1248	0,795	4	4	0,157	54
2	3,612	3,624	-0,01208	0,795	4	4	0,0152	54
3	4,665	5,07	-0,405	0,795	4	4	0,5094	54
4	4,297	7,516	-3,219	0,795	4	4	4,049	54
5	3,184	8,809	-5,624	0,795	4	4	7,075	54
6	4,31	7,632	-3,323	0,795	4	4	4,18	54