Table S3. Raw data excel file

Fig. 1B	Before	After
Ipsi-1	3	26.5
Ipsi-2	2.5	18
Ipsi-3	1.8	27.5
Ipsi-4	1.4	14
Ipsi-5	1.6	12
Ipsi-6	1.6	12
Ipsi-7	4	64
Ipsi-8	3	100
Ipsi-9	2.4	40
Ipsi-10	0.26	32
Ipsi-11	3	18
Ipsi-12	6	40
Ipsi-13	6	60
Ipsi-14	0.96	52
Ipsi-15	3.6	76
Ipsi-16	7.6	120
Ipsi-17	16	120
Contra-1	3.5	60
Contra-2	2.5	15
Contra-3	1.85	10.5
Contra-4	3	17.5
Contra-5	4	13
Contra-6	0.66	17
Contra-7	4	40
Contra-8	4	80
Contra-9	4	56
Contra-10	2.4	12
Contra-11	4.2	9
Contra-12	0.9	60
No boost-1	2.5	2.25
No boost-2	3	1.8
No boost-3	1.8	2.25
No boost-4	5	5
No boost-5	1	1.2
No boost-6	2.2	2.4
No boost-7	10	10
No boost-8	1.2	0.96
No boost-9	1.8	1.4

Fig. 1C	Ipsi	Contra
sample-1	8.83	17.14
sample-2	7.2	6
sample-3	15.28	5.68
sample-4	10	5.83
sample-5	7.5	3.25
sample-6	7.5	25.76

sample-7	16	10
sample-8	33.33	20
sample-9	16.67	14
sample-10	123.08	5
sample-11	6	2.14
sample-12	6.67	66.67
sample-13	10	
sample-14	54.17	
sample-15	21.11	
sample-16	15.79	
sample-17	7.5	

Fig. 1E	Naïve	No boost	Ipsi	Contra
sample-1	20.3	111	10400	3120
sample-2	12.1	211	684	2700
sample-3	25.5	95.6	1420	2240
sample-4	70.8	116	1350	465
sample-5	13.7	967	95.2	1170
sample-6	5.37	141	2450	10900
sample-7	27.6	425	5840	305
sample-8	30.2	142	6080	219
sample-9	44.2	121	2250	5710
sample-10	33.9	104	3610	2180
sample-11	19.1	28.5	2780	230
sample-12	510	139	870	588
sample-13		178	3420	1380
sample-14			16200	
sample-15			4130	
sample-16			538	
sample-17			3500	

Fig. 2B	Naïve	No boost	Ipsi	Contra
sample-1	163	329	79600	17900
sample-2	77.6	2460	42100	66300
sample-3	100	910	82400	81200
sample-4	2030	2360	53000	20800
sample-5	198	3680	408	24100
sample-6	54.5	2180	14400	30600
sample-7	27.6	3280	10900	4550
sample-8	164	3640	37900	11700
sample-9	1590	1110	68700	46900
sample-10	1270	1500	35900	14600
sample-11	529	1910	18700	14800
sample-12	1060	1340	31200	25600
sample-13		1440	45200	15300
sample-14			50100	
sample-15			28200	
sample-16			33700	
sample-17			39600	

Fig. 2D	Ipsi	Contra
sample-1	21.43	11.11
sample-2	31.82	18.18
sample-3	4.76	6.25
sample-4	0	0
sample-5	27.91	0
sample-6	2.5	0
sample-7	8.33	0
sample-8	17.65	0
sample-9	28.57	6.67
sample-10	40	0
sample-11	8.57	0
sample-12	0	0
sample-13	0	
sample-14	0	

Fig. 3C	AvIn >0.1
sample-1	20
sample-2	17
sample-3	18
sample-4	18
sample-5	17
sample-6	8
sample-7	11
sample-8	17
sample-9	8
sample-10	10
sample-11	12

Fig. 4B	Ipsi	Contra	Ipsi +MR1
sample-1	13.20	0.25	8.58
sample-2	1.34	0.79	11.30
sample-3	9.83	6.17	10.40
sample-4	14.20	2.55	5.24
sample-5	18.50	0.10	
sample-6	3.11	0.41	
sample-7	2.75	0.36	
sample-8	1.85	1.15	
sample-9	5.12	2.58	
sample-10	3.96	4.92	
sample-11	4.39	2.85	
sample-12	1.96	3.72	

Fig. 4C	Ipsi	Contra	Ipsi +MR1
sample-1	5720	154	4740
sample-2	1180	681	5250
sample-3	7960	2060	1700
sample-4	13000	1950	2570

sample-5	6940	38
sample-6	6290	455
sample-7	3400	149
sample-8	3440	222
sample-9	5560	1320
sample-10	9750	2600
sample-11	17000	1350
sample-12	3960	3270

Fig. 5B	H3 X31	H1 SI-06
sample-1	1.3	1430
sample-2	4	495
sample-3	176	6600
sample-4	22	1430
sample-5	11	143
sample-6	2.2	770
sample-7	10.1	1870
sample-8	110	340
sample-9	110	1980
sample-10	1.76	2750
sample-11	330	3410
sample-12	1.32	990
sample-13	88	4400
sample-14	99	140
sample-15	22	1100
sample-16	3.96	340
sample-17	50.6	330
sample-18	17.6	3300
sample-19	4.4	1650
sample-20	22	495
sample-21	33	1320
sample-22	77	8800
sample-23	3.3	12100

Fig. 5C	Before	After
Ipsi-1	1.3	17.6
Ipsi-2	4	44
Ipsi-3	176	2200
Ipsi-4	22	1144
Ipsi-5	11	88
Ipsi-6	2.2	26.4
Ipsi-7	10.1	48.4
Ipsi-8	110	352
Ipsi-9	110	352
Ipsi-10	1.76	35.2
Contra-1	330	792
Contra-2	1.32	4.4
Contra-3	88	156.2
Contra-4	99	330

Contra-5	22	156.2
Contra-6	3.96	11
Contra-7	50.6	99
Contra-8	17.6	50.6
No boost-1	4.4	4.4
No boost-2	22	22
No boost-3	33	33
No boost-4	77	110
No boost-5	3.3	4.18

Fig. 5D	Ipsi	Contra
sample-1	13.54	2.4
sample-2	11	3.33
sample-3	12.5	1.78
sample-4	52	3.33
sample-5	8	7.1
sample-6	12	2.78
sample-7	4.79	1.96
sample-8	3.2	2.88
sample-9	3.2	
sample-10	20	

Fig. 5E	Before	After
Ipsi-1	1.43	1.43
Ipsi-2	0.495	0.61
Ipsi-3	6.6	14.3
Ipsi-4	1.43	6.6
Ipsi-5	0.143	1.87
Ipsi-6	0.77	1.21
Ipsi-7	1.87	2.75
Ipsi-8	0.34	0.34
Ipsi-9	1.98	1.98
Ipsi-10	2.75	4.18
Contra-1	3.41	2.64
Contra-2	0.99	0.13
Contra-3	4.4	5.5
Contra-4	0.14	0.17
Contra-5	1.1	1.54
Contra-6	0.34	0.15
Contra-7	0.33	0.396
Contra-8	3.3	3.3
No boost-1	1.65	1.76
No boost-2	0.495	0.57
No boost-3	1.32	1.54
No boost-4	8.8	9.9
No boost-5	12.1	12.1

Fig. 6B	Ipsi	Contra
sample-1	41300	26700

sample-2	75300	45200
sample-3	8570	3460
sample-4	4400	47300
sample-5	15100	96200
sample-6	27600	40900
sample-7	129000	87700
sample-8	65700	29700
sample-9	62400	
sample-10	209000	

Fig. 6D	Ipsi	Contra
sample-1	41300	26700
sample-2	75300	45200
sample-3	8570	3460
sample-4	4400	47300
sample-5	15100	96200
sample-6	27600	40900
sample-7	129000	87700
sample-8	65700	29700
sample-9	62400	
sample-10	209000	

Fig. 6F	Ipsi	Contra
sample-1	2.3	0
sample-2	0	0
sample-3	2.1	0
sample-4	1.6	0
sample-5	1.5	0

fig. S1A	Before	After
Ipsi-1	3	26.5
Ipsi-2	2.5	18
Ipsi-3	1.8	27.5
Ipsi-4	1.4	14
Contra-1	3.5	60
Contra-2	2.5	15
Contra-3	1.85	10.5
Contra-4	3	17.5
No boost-1	2.5	2.25
No boost-2	3	1.8
No boost-3	1.8	2.25

fig. S1B	Before	After
Ipsi-1	0.26	32
Ipsi-2	3	18
Ipsi-3	6	60
Ipsi-4	6	40
Ipsi-5	4	64
Ipsi-6	1.6	12

Ipsi-7	1.6	12
Ipsi-8	2.4	40
Ipsi-9	3	100
Contra-1	4	13
Contra-2	0.7	17
Contra-3	4	80
Contra-4	4	40
No boost-1	2.2	0.9
No boost-2	10	10
No boost-3	5	5
No boost-4	1	1.2

fig. S1C	Before	After
Ipsi-1	0.96	52
Ipsi-2	3.6	76
Ipsi-3	7.6	120
Ipsi-4	16	120
Contra-1	4	56
Contra-2	2.4	12
Contra-3	4.2	9
Contra-4	0.9	60
No boost-1	1.2	0.96
No boost-2	1.8	1.4

fig. S1D	Ipsi	Contra	No boost
sample-1	8.83	17.14	0.9
sample-2	7.2	6	0.6
sample-3	15.28	5.68	1.25
sample-4	10	5.83	

fig. S1E	Ipsi	Contra	No boost
sample-1	7.5	3.25	1
sample-2	7.5	25.76	1.2
sample-3	16	10	1.09
sample-4	33.33	20	1
sample-5	16.67		
sample-6	123.08		
sample-7	6		
sample-8	6.67		
sample-9	10		

fig. S1F	Ipsi	Contra	No boost
sample-1	54.17	14	0.8
sample-2	21.11	5	0.78
sample-3	15.79	2.14	
sample-4	7.5	66.67	

fig. S1G	Ipsi	Contra	No boost
sample-1	10400	3120	111

sample-2	684	2700	211
sample-3	1420	2240	95.6
sample-4	1350	465	116
sample-5			967

fig. S1H	Ipsi	Contra	No boost
sample-1	95.2	1170	141
sample-2	2450	10900	425
sample-3	5840	305	142
sample-4	6080	219	121
sample-5	2250	5710	
sample-6	3610		
sample-7	2780		
sample-8	870		
sample-9	3420		

fig. S1I	Ipsi	Contra	No boost
sample-1	16200	2180	104
sample-2	4130	230	28.5
sample-3	538	588	139
sample-4	3500	1380	178

fig. S2A	Ipsi	Contra	No boost
sample-1	79600	17900	329
sample-2	42100	66300	2460
sample-3	82400	81200	910
sample-4	53000	20800	2360
sample-5			3680

fig. S2B	Ipsi	Contra	No boost
sample-1	408	24100	2180
sample-2	14400	30600	3280
sample-3	10900	4550	3640
sample-4	37900	11700	1110
sample-5	68700	46900	
sample-6	35900		
sample-7	18700		
sample-8	31200		
sample-9	45200		

fig. S2C	Ipsi	Contra	No boost
sample-1	50100	14600	1500
sample-2	28200	14800	1910
sample-3	33700	25600	1340
sample-4	39600	15300	1440

fig. S2D	Ipsi	Contra
sample-1	30.8	2.9

sample-2	13.8	3.4
sample-3	14.2	6.5
sample-4	10.4	6.3
sample-5	11.4	3.5
sample-6	18.8	4.8
sample-7	16.1	6.9
sample-8	12.8	15.2
sample-9	20	16.5
sample-10	8.5	12.8
sample-11	21.9	9.9
sample-12	10.2	4.2
sample-13	12.8	
sample-14	17.6	

fig. S3C	naïve	Ipsi	Contra
sample-1	0	12.9	14.4
sample-2	0	17	22.8
sample-3	0	7.44	32
sample-4	0	50.4	27
sample-5		10.6	8.25
sample-6		8.46	1.28
sample-7		15.7	14.3
sample-8		18.6	7.18
sample-9		34.7	19.1
sample-10		13.9	29.1
sample-11		16.4	12.7
sample-12		21	24.3

fig. S3D	naïve	Ipsi	Contra
sample-1	0	813	245
sample-2	0	1350	312
sample-3	0	148	661
sample-4	0	1060	569
sample-5		320	231
sample-6		1470	63.4
sample-7		1670	1800
sample-8		9910	642
sample-9		6970	9080
sample-10		1690	5420
sample-11		2400	2430
sample-12		3560	2350

fig. S4C	Ipsi	Contra
sample-1	29000	6160
sample-2	15600	3910

fig. S5A	Ctrl	MR1
sample-1	697	807
sample-2	916	903

sample-3	1220	423
sample-4	4190	201
sample-5	452	
sample-6	1410	
sample-7	4320	

fig. S5D	GL7+ CD38+	GL7+ CD38lo	GL7- CD38+
Ipsi_Ctrl-1	2.3	83	8.5
Ipsi_Ctrl-2	3.1	89	3.1
Ipsi_Ctrl-3	3.3	56	38
Ipsi_Ctrl-4	6.3	82	7
Ipsi_Ctrl-5	2.2	82	11
Ipsi_Ctrl-6	6.1	90	3
Ipsi_Ctrl-7	1.7	97	0.9
Ipsi_MR1-1	1.6	79	13
Ipsi_MR1-2	0.2	92	4
Ipsi_MR1-3	3.4	50	38
Ipsi_MR1-4	2.4	66	21
Contra_Ctrl-1	0	0	100
Contra_Ctrl-2	0	0	100
Contra_Ctrl-3	5	0	90
Contra_Ctrl-4	0	0	100

fig. S7A	Ipsi	Contra
sample-1	7.2	19
sample-2	5.2	20
sample-3	20.2	13
sample-4	36.1	12
sample-5	4	13
sample-6	18	33
sample-7	20	
sample-8	14	
sample-9	18	
sample-10	15	

fig. S7B	Ipsi	Contra
sample-1	17.3	9
sample-2	43.9	17
sample-3	20.7	30
sample-4	25.1	17
sample-5	31	13