

All concentrations (pg/ml) have the background from unstimulated cells removed

V1: Preimmune V2: Peak DNA V3: Peak ChAd63
 TNFα CPHPC V1 V2 V3

602	1.3	-2.6	-1.0
603	-21.4	22.8	55.1
608	-8.5	2.6	42.7
610	-10.9	63.2	98.0
611	28.9	35.2	30.2
612	-30.9	-37.5	-142.1
617	4.0	12.4	7.9
618	24.9	-28.8	40.4
620	3.4	0.5	-0.5
623	25.6	60.8	55.0
624	3.9	10.6	14.9
625	52.0	24.5	12.6
626	0.8	1.2	7.3
629	24.2	-6.8	1.6
630	19.6	15.1	23.5
633	8.5	-0.9	4.9
636	30.0	102.6	68.4
639	69.0	46.1	204.4
641	30.3	55.2	45.5

TNFα Placebo V1 V2

601	-0.5	-1.1
605	-31.5	48.6
606	4.1	-10.6
607	23.6	16.2
609	9.5	11.9
613	105.1	103.5
614	102.3	109.7
615	43.1	7.5
616	3.7	6.3
619	20.1	1.6
621	22.6	11.8
622	16.5	17.6
627	-4.6	-100.5
628	43.8	45.6
631	-23.6	8.7
632	11.2	-4.5
634	14.9	148.5
635	53.5	3.9
637	73.0	122.7
638	-5.3	24.1

SDF-1α CPHPC V1 V2 V3

602	-5.7	-13.2	-8.7
603	10.6	7.2	32.2
608	0.0	2.4	21.7
610	-132.1	-50.2	138.1
611	-7.7	-26.3	59.5
612	8.1	0.0	-40.0
617	-10.5	49.4	-12.6
618	53.6	-32.7	143.6
620	-30.8	-8.7	-36.0
623	24.3	66.4	193.5
624	39.5	61.6	42.9
625	93.9	104.9	24.3
626	-60.3	22.9	-53.1
629	78.1	-95.5	-56.9
630	60.6	112.2	46.0
633	-47.3	20.8	39.8
636	6.1	205.4	110.3
639	147.7	3.3	206.8
641	24.7	150.0	6.2

SDF-1α Placebo V1 V2

601	-7.2	-69.1
605	-41.7	13.0
606	-17.5	-32.7
607	19.5	-8.6
609	-5.2	37.7
613	56.1	97.4
614	176.8	166.4
615	66.4	-48.6
616	-30.7	15.4
619	34.7	-53.4
621	-12.5	8.2
622	43.4	82.6
627	-6.8	-136.4
628	81.2	96.1
631	-179.4	-36.2
632	-21.8	-86.6
634	-46.3	75.7
635	222.2	107.1
637	-35.5	55.8
638	-161.5	98.7

IP-10 CPHPC V1 V2 V3

602			
603	-515.8	-20.3	234.8
608	-859.7		173.0
610			
611			

IP-10 Placebo V1 V2

601		
605		
606		
607	-225.7	1009.8
609	-18.5	-691.8

612			
617			
618			
620			
623			
624			
625			
626			
629			
630	-97.7	-422.9	1041.6
633			
636	-586.3	-387.4	1471.9
639	-16.6	-642.2	7601.3
641	-280.7	18307.2	26411.3

613		
614	-252.4	-714.3
615	-742.5	-724.6
616		
619		
621		
622		
627	-791.8	960.2
628	-445.8	-1081.5
631		
632	-729.6	-423.2
634	462.9	
635	121.9	-0.7
637		-598.5
638		-124.5

IL-10 CPHPC

	V1	V2	V3
602	-44.1	-53.7	-13.4
603	-32.2	1.3	10.3
608	-28.2	-19.0	6.6
610	-22.7	-41.4	-7.1
611	-25.5	-32.3	-22.3
612	-13.0	-42.6	-30.7
617	-47.4	-52.0	-9.9
618	-41.7	-4.7	33.9
620	-18.3	-62.2	-25.5
623	-47.5	-34.2	-1.3
624	-23.5	-21.7	-1.0
625	4.5	-31.0	-15.7
626	-52.0	-30.0	7.0
629	-10.5	-40.6	-17.2
630	-0.1	-17.7	16.7
633	-40.1	-20.7	15.6
636	-17.6	-10.7	22.9
639	6.4	-54.7	53.2
641	-14.1	9.2	-6.9

IL-10 Placebo

	V1	V2
601	-15.5	-20.4
605	-47.4	-9.0
606	-44.9	-30.8
607	-6.9	-1.5
609	-3.2	-31.2
613	-36.3	-21.8
614	-4.8	-17.5
615	-32.9	-41.3
616	-13.2	-3.5
619	-42.5	-45.7
621	-29.9	-11.5
622	-4.5	-12.1
627	-31.5	-28.9
628	-17.3	-33.0
631	-50.9	-20.8
632	-25.5	-17.6
634	-0.8	-11.6
635	13.2	-0.4
637	-43.3	-16.2
638	-67.4	-4.1

IFN γ /CPHPC

	V1	V2	V3
602	-1.1	-1.0	0.4
603	-0.5	4.1	37.7
608	-1.7	1.3	7.6
610	-1.4	7.4	-2.5
611	-0.1	2.0	3.8
612	-2.0	-1.9	34.7
617	-0.3	-0.9	7.6
618	-0.5	0.7	20.2
620	-0.6	-1.4	-2.7
623	-1.7	-0.9	0.7
624	0.2	0.6	3.1
625	3.7	0.0	0.2
626	-1.4	-1.3	2.8

IFN γ /Placebo

	V1	V2
601	-2.8	-2.7
605	-4.6	-0.5
606	-0.6	-2.3
607	-0.9	3.8
609	-0.1	-1.5
613	-8819.1	-29053.9
614	1.4	-2.0
615	-0.8	-0.9
616	0.2	0.7
619	-0.2	-0.4
621	6.3	0.3
622	12.0	6.2
627	-8.1	-2.2

629	12.7	-0.4	-0.1
630	1.1	-0.1	4.6
633	-2.2	-0.5	11.9
636	0.4	8.6	51.6
639	0.0	-5.2	59.0
641	-0.2	58.6	54.9

628	1.9	1.1
631	-0.2	-0.1
632	-1.9	-0.8
634	65.3	5.0
635	1.9	1.8
637	-3.7	9.1
638	-5.7	-0.4

MIP-1 α CPHPC

	V1	V2	V3
602	129.4	166.2	11.9
603	707.2	3501.8	5709.0
608	453.1	768.5	3648.7
610	-59.9	41984.2	25659.3
611	358.7	21398.5	12941.3
612	10327.0	3491.4	8442.1
617	968.0	15348.7	18041.4
618	6651.4	55.5	1276.2
620	1126.4	300.3	109.3
623	15619.4	23495.3	28540.6
624	6173.2	3349.5	1585.5
625	23705.1	26064.6	2816.0
626	181.6	203.7	74.3
629	10971.9	91.1	190.5
630	28673.0	19371.0	18511.3
633	5190.1	394.1	164.0
636	2673.1	14714.2	10308.6
639	67903.1	33221.1	21043.8
641	23323.7	10957.4	11035.3

MIP-1 α Placebo

	V1	V2
601	13.3	-4.9
605	11109.8	5164.6
606	273.9	-6.2
607	49314.3	3908.2
609	1233.6	4345.8
613	8929.8	29120.3
614	28483.0	27982.8
615	59793.9	37132.3
616	726.2	949.1
619	14135.0	510.3
621	378.6	531.0
622	1637.3	3923.8
627	20276.0	3577.1
628	27809.1	28519.4
631	31.6	2319.6
632	15005.4	3160.1
634	14755.3	16228.9
635	7956.5	1351.7
637	2276.3	1714.1
638	137.3	21798.5

RANTES CPHPC

	V1	V2	V3
602	-30.2	51.8	5.3
603	35.2	193.4	111.4
608	24.6	104.4	295.1
610	106.3	216.3	72.5
611	6.9	270.5	174.2
612	250.6	59.0	138.3
617	28.4	136.2	135.2
618	314.4	9.6	89.2
620	92.5	34.0	4.0
623	160.6	186.7	1659.3
624	87.7	39.8	38.1
625	298.3	660.1	119.4
626	13.7	1.7	5.1
629	234.7	45.2	55.0
630	218.6	204.1	181.9
633	162.9	61.7	10.5
636	22.9	213.3	244.4
639	673.7	342.6	705.1
641	230.8	329.5	256.2

RANTES Placebo

	V1	V2
601	20.9	15.7
605	49.4	138.6
606	14.4	5.6
607	771.6	215.9
609	106.3	216.3
613	62.6	397.3
614	649.3	1420.8
615	214.5	72.5
616	9.9	34.1
619	278.7	89.8
621	42.1	60.9
622	16.8	28.6
627	147.0	7.9
628	221.5	255.9
631	-2.8	14.2
632	152.8	57.4
634	120.1	88.2
635	208.4	132.4
637	27.9	44.7
638	-57.1	292.1

MIP-1 β CPHPC	V1	V2	V3
602	108.1	95.0	7.9
603	478.5	1495.1	2178.1
608	86.5	210.3	754.8
610	-301.7	2052.2	3394.5
611	468.8	2713.8	1821.5
612	338.6	540.3	590.3
617	270.8	1457.9	-991.8
618	2677.0	54.0	1098.3
620	121.5	104.1	-22.6
623	2694.3	1838.4	2153.1
624	286.0	347.6	76.4
625	977.8	2660.7	1256.1
626	170.7	286.8	246.0
629	1985.2	-15.3	71.5
630	2867.2	2269.8	-101.3
633	1867.8	264.9	449.5
636	1571.9	2894.2	2002.0
639	5919.1	5274.9	4725.5
641	2323.6	2566.8	2635.7

MIP-1 β Placebo	V1	V2
601	-41.3	-60.2
605	-13.6	3337.2
606	262.6	-42.0
607	276.8	1128.1
609	533.8	1059.2
613	2361.5	4371.2
614	5663.5	6269.3
615	1322.7	627.2
616	353.0	429.4
619	1248.0	57.1
621	425.0	514.6
622	542.8	1027.6
627	629.9	529.8
628	4110.4	5589.9
631	-149.3	902.0
632	1245.8	671.6
634	1164.2	2947.0
635	3711.5	796.4
637	2077.4	1620.8
638	173.2	2519.6

IL-4 CPHPC	V1	V2	V3
602	-17.7	-10.5	3.7
603	15.4	28.1	24.9
608	0.0	7.7	25.9
610	-49.5	15.2	51.2
611	0.0	19.7	21.4
612	0.0	6.5	10.3
617	-3.8	7.4	3.2
618	27.7	-11.2	41.5
620	-4.1	-21.3	-12.9
623	17.3	17.3	91.0
624	3.8	15.9	5.5
625	16.8	36.9	11.8
626	-9.4	0.0	15.9
629	32.8	-24.3	3.8
630	23.2	27.7	24.0
633	21.5	0.0	13.5
636	19.1	39.7	37.3
639	70.4	25.4	83.7
641	37.2	38.9	7.7

IL-4 Placebo	V1	V2
601	3.2	-9.6
605	-2.6	31.0
606	6.6	-8.8
607	29.9	19.2
609	19.1	29.9
613	37.5	49.8
614	65.6	73.0
615	22.3	8.0
616	0.0	0.0
619	31.0	-4.7
621	-3.8	8.0
622	14.9	11.3
627	12.3	3.0
628	29.2	29.2
631	-24.5	6.4
632	9.7	1.8
634	24.2	34.3
635	42.7	9.7
637	9.0	21.9
638	-35.8	26.0

IL-2 CPHPC	V1	V2	V3
602	-155.7	-117.6	-26.6
603	37.4	189.6	222.8
608	-43.5	77.5	270.3
610	-397.2	46.6	345.0
611	18.7	175.1	137.2
612	99.2	-57.8	76.4
617	-62.1	57.4	60.9

IL-2 Placebo	V1	V2
601	-31.8	-46.9
605	-82.2	115.9
606	-27.4	-97.5
607	204.5	155.3
609	118.4	100.5
613	262.8	501.8
614	532.1	545.4

618	165.7	35.6	308.8
620	35.5	-179.6	-74.4
623	94.1	151.2	780.9
624	49.6	122.2	109.7
625	291.5	354.0	114.3
626	-178.4	-30.5	-14.4
629	254.1	-151.2	-41.6
630	326.6	282.0	205.6
633	-7.4	-10.2	45.6
636	68.1	309.5	384.1
639	645.1	501.7	872.6
641	270.2	417.5	422.2

615	163.1	57.3
616	-50.2	97.8
619	115.6	-93.1
621	69.0	27.5
622	188.6	241.1
627	16.7	-51.8
628	239.2	256.3
631	-210.2	23.3
632	69.5	-34.2
634	190.9	260.5
635	453.8	158.4
637	46.2	169.6
638	-105.0	255.3

IL-13 CPHPC

	V1	V2	V3
602	-63.5	-63.5	0.0
603	51.9	239.6	319.2
608	0.0	-22.0	168.0
610	-75.6	262.7	460.6
611	119.7	302.3	152.8
612	0.0	109.7	86.7
617	-45.3	216.1	-168.6
618	468.4	0.0	229.2
620	0.0	65.3	-65.3
623	258.7	238.4	467.8
624	83.9	-55.4	0.0
625	222.9	317.9	0.0
626	-143.8	0.0	0.0
629	227.2	0.0	47.0
630	373.8	245.3	69.7
633	192.0	72.6	0.0
636	72.6	384.0	296.7
639	671.3	-155.5	704.9
641	290.2	420.3	-285.2

IL-13 Placebo

	V1	V2
601	-11.6	0.0
605	-149.5	426.6
606	153.8	-63.5
607	142.8	173.0
609	109.7	0.0
613	389.9	506.0
614	896.8	850.2
615	124.1	38.5
616	0.0	83.7
619	216.1	0.0
621	55.4	110.8
622	171.0	120.6
627	143.8	30.9
628	479.4	719.7
631	0.0	0.0
632	176.4	145.2
634	126.0	327.0
635	413.1	72.6
637	135.0	327.0
638	-808.8	342.3

MIG CPHPC

	V1	V2	V3
602	-50.3	-49.9	0.0
603	-12.6	84.0	488.7
608	-88.0	101.5	437.7
610	-97.4	38.6	27.4
611	-42.0	-384.5	432.9
612	-71.7	-140.6	1168.1
617	-87.2	-158.1	190.5
618	-227.0	529.6	12032.5
620	-1124.0	-875.2	-1796.4
623	-157.8	14.3	172.2
624	27.3	28.2	191.2
625	254.9	13.9	-224.1
626	-269.0	-737.2	3116.2
629	109.6	-84.5	107.4
630	119.5	-35.4	901.0

MIG Placebo

	V1	V2
601	-317.0	-941.5
605	-277.5	-34.0
606	-314.4	-428.2
607	21.7	232.7
609	49.8	-111.7
613	-625.0	-1879.3
614	137.3	78.8
615	-31.4	-33.1
616	17.0	190.9
619	-16.1	-52.2
621	-1121.0	0.0
622	1939.9	131.1
627	-27.7	-1083.3
628	-29.0	-109.7
631	-18.7	-51.2

633	-367.0	-88.6	1259.0
636	-286.6	355.6	2057.4
639	178.1	164.2	3023.4
641	75.5	2136.4	2204.3

632	-43.8	-36.5
634	3158.4	282.6
635	200.2	71.4
637	-633.4	255.3
638	223.5	133.9

Granzyme B CPHI	V1	V2	V3
602	9.1	-25.1	71.0
603	-37.3	382.5	936.5
608	-132.3	-118.8	408.6
610	-272.0	246.9	-422.5
611	11.2	-59.7	193.7
612	-313.9	-76.3	459.7
617	-137.1	-102.9	143.3
618	9.1	44.5	374.9
620	-0.3	-106.5	-60.7
623	-53.5	-90.3	103.5
624	-76.2	-30.2	89.8
625	190.1	42.6	59.9
626	-391.5	-61.3	369.6
629	612.5	-9.7	41.2
630	339.2	31.9	1175.9
633	-232.9	-31.9	225.6
636	36.8	258.5	929.0
639	-0.7	-125.3	1861.2
641	-4.7	1126.2	980.1

Granzyme B Place	V1	V2
601	-88.5	8.0
605	-474.4	-72.2
606	12.2	-33.7
607	39.9	298.0
609	-123.6	77.9
613	65.2	242.8
614	120.6	16.8
615	-68.3	-67.4
616	17.9	46.3
619	-60.9	-8.4
621	51.3	-41.7
622	411.4	187.3
627	-150.1	-78.3
628	373.7	307.1
631	-90.9	-1.2
632	-1.1	-55.8
634	102.2	231.5
635	108.0	-19.4
637	-6.2	738.1
638	-304.8	-16.9

V3

25.0
129.8
1.1
30.4
12.5
172.2
92.2
61.4
8.5
-14.6
8.1
18.1
25.5
56.5
-2.8
36.5
59.0
33.4
133.1
144.5

V3

55.3
29.9
15.7
-1.9
71.8
19.9
109.8
53.4
67.0
-69.6
26.1
58.2
-58.5
-60.5
36.3
38.1
0.0
167.1
89.2
124.2

V3

-673.1
92.6

72.8
198.1

-267.8
406.8

2042.9
2283.9
1539.5
336.1
4586.9

V3

-10.2
7.5
-12.9
-2
11.5
-60.4
9.6
0.9
40.0
-19.9
-21.8
-26.7
-14.9
22.7
14.0
10.1
20.5
13.9
-10.9
30.7

V3

7.3
21.0
1.1
3.7
1.4
-31759.7
2.3
41.5
1.7
-0.7
2.6
4.1
6.3

36.4
5.1
5.1
79.2
10.5
4.1
13.7

V3

943.8
5627.4
316.1
8479.7
3067.7
31452.0
242642.3
10091.2
264.7
189.5
15.5
6084.1
16885.3
13719.4
26.8
7636.3
13742.5
4172.5
911.7
87594.3

V3

124.8
52.8
18.6
744.3
72.5
288.7
448.1
207.7
17.9
24.1
-5.0
67.2
116.3
132.0
5.9
159.8
109.0
178.2
56.0
676.5

V3

1242.3
2570.7
176.1
2245.8
774.3
3079.9
3242.5
705.3
255.9
-14.8
71.5
1280.6
1182.6
-59.7
84.5
1262.7
1036.2
2366.0
1732.9
4617.0

V3

18.3
14.7
9.2
27.2
24.2
27.0
53.4
28.2
19.1
0.0
-4.1
14.5
16.3
22.2
10.7
29.1
18.5
30.1
38.5
64.3

V3

151.6
153.5
32.9
332.7
214.9
124.6
505.3

252.0
230.7
-27.1
-21.9
87.5
146.6
236.7
8.7
208.0
212.0
292.2
234.7
660.9

V3

98.3
211.7
63.5
205.9
144.6
400.9
611.4
124.1
83.7
-167.5
-185.9
136.4
-102.8
-2.8
-84.1
197.5
270.1
207.6
245.4
715.6

V3

778.0
2137.3
41.5
95.5
75.2
-2063.2
171.4
909.8
1996.7
288.9
131.9
-371.9
85.1
1213.2
5494.3

760.2
4426.7
1937.8
342.1
3046.9

V3

673.0
541.9
111.1
310.2
143.8
409.7
90.6
1032.6
140.1
41.2
112.0
177.6
203.1
1461.3
64.7
94.2
720.4
257.2
684.1
496.3