

Supplementary Table 5. Virus neutralization by 3BNC117

PPT	Source	Method	Virus ID	3BNC117 IC ₅₀	3BNC117 IC ₈₀
601	Reservoir	Bulk culture	601 Bulk	3.031	9.205
	Reservoir	Q ² VOA	601 D-14 MB22	>50	>50
	Reservoir	Q ² VOA	601 D-14 MG10	>50	>50
	Reservoir	Q ² VOA	601 D-14 MB9	>50	>50
	Reservoir	Q ² VOA	601 D-14 MD5	1.467	6.592
	Reservoir	Q ² VOA	601 D-14 MG19	9.235	28.203
	Reservoir	Q ² VOA	601 W23 MA17	1.605	4.005
	Reservoir	Q ² VOA	601 W23 MO6	6.842	>50
	Reservoir	Q ² VOA	601 W23 MQ17	>50	>50
	Reservoir	Q ² VOA	601 W23 MQ19	>50	>50
	Rebound virus	Bulk culture	601 W29 F Bulk	>50	>50
602	Reservoir	Bulk culture	602 Bulk	3.206	8.671
	Reservoir	Q ² VOA	602 W23 F5	2.686	10.026
	Reservoir	Q ² VOA	602 W23 M6	3.959	24.951
	Reservoir	Q ² VOA	602 W23 P2	0.948	2.532
	Reservoir	Q ² VOA	602 W23 Y7	0.733	2.417
	Rebound virus	Bulk culture	602 W28 F Bulk	6.036	23.885
603	Reservoir	Bulk culture	603 Bulk	0.513	>20
	Reservoir	Q ² VOA	603 D-14 N17	0.758	>50
	Reservoir	Q ² VOA	603 W23 MB6	6.718	>50
	Reservoir	Q ² VOA	603 W23 MC11	1.969	>50
	Reservoir	Q ² VOA	603 W23 B9	3.381	>50
	Rebound virus	Bulk culture	603 W31 F Bulk	4.337	12.110
605	Reservoir	Bulk culture	605 Bulk	0.486	2.133
	Reservoir	Q ² VOA	605 W23 ME7	2.507	8.203
	Reservoir	Q ² VOA	605 W23 ME9	2.862	10.183
	Reservoir	Q ² VOA	605 W23 MF12	1.870	6.541
	Reservoir	Q ² VOA	605 W23 MG14	3.202	9.368
	Reservoir	Q ² VOA	605 W23 MH10	2.442	9.03
	Reservoir	Q ² VOA	605 W23 MK10	2.907	10.243
	Reservoir	Q ² VOA	605 W23 MK15	0.974	3.43
	Rebound virus	Bulk culture	605 W23 MK18	3.187	11.288
	Rebound virus	Bulk culture	605 W29 F Bulk	3.066	11.188
608	Reservoir	Bulk culture	608 Bulk	>20	>20
	Reservoir	Q ² VOA	608 D-14 MF4	>50	>50
	Reservoir	Q ² VOA	608 W23 MS9	>50	>50
	Reservoir	Q ² VOA	608 W23 MJ5	>50	>50
	Reservoir	Q ² VOA	608 W23 MK24	>50	>50
	Reservoir	Q ² VOA	608 W23 MP12	>50	>50
	Reservoir	Q ² VOA	608 D-14 MB4	>50	>50
	Rebound virus	Bulk culture	608 W30 F Bulk	>50	>50
609	Reservoir	Bulk culture	609 Bulk	0.136	0.301
	Reservoir	Q ² VOA	609 MI21	0.193	0.514
	Reservoir	Q ² VOA	609 D-14 12 11	0.154	0.59
	Reservoir	Q ² VOA	609 D-14 MD14	0.230	0.898
	Reservoir	Q ² VOA	609 D-14 MF13	0.118	0.337
	Reservoir	Q ² VOA	609 D-14 MG11	0.788	2.629
	Reservoir	Q ² VOA	609 D-14 MI15	0.320	0.901
	Rebound virus	Bulk culture	609 W32 F Bulk	1.674	4.481
610	Reservoir	Bulk culture	610 Bulk	0.324	1.091
	Reservoir	Q ² VOA	610 D-14 MB17	0.813	2.199
	Reservoir	Q ² VOA	610 D-14 MB8	0.853	3.109
	Reservoir	Q ² VOA	610 D-14 ME17	0.436	1.267
	Reservoir	Q ² VOA	610 W23 MI14	0.395	1.315
	Reservoir	Q ² VOA	610 W23 MJ3	0.720	1.888
	Rebound virus	Bulk culture	610 W31 F Bulk	0.490	1.678

Supplementary Table 5 continued. Virus neutralization by 3BNC117

PPT	Source	Method	Virus ID	3BNC117 IC ₅₀	3BNC117 IC ₈₀
611	Reservoir	Bulk culture	611 Bulk	1.018	2.782
	Reservoir	Q ² VOA	611 D-14 2G 18	1.175	3.371
	Reservoir	Q ² VOA	611 D-14 2i 20	1.973	3.61
	Reservoir	Q ² VOA	611 D-14 B23	0.604	2.427
	Reservoir	Q ² VOA	611 D-14 MH8	1.256	4.444
	Reservoir	Q ² VOA	611 D-14 MH12	0.482	1.682
	Reservoir	Q ² VOA	611 D-14 MH7	0.447	1.574
	Reservoir	Q ² VOA	611 D-14 MI10	0.795	2.153
	Reservoir	Q ² VOA	611 D-14 MJ3	0.749	2.503
	Reservoir	Q ² VOA	611 D-14 MK21	0.545	2.046
	Reservoir	Q ² VOA	611 W23 MC1	0.572	2.437
	Reservoir	Q ² VOA	611 W23 MC23	0.147	0.489
	Reservoir	Q ² VOA	611 W23 MS1	0.163	0.439
	Reservoir	Q ² VOA	611 W23 MS14	0.599	1.935
	Reservoir	Q ² VOA	611 W23 MS13	0.514	1.83
613	Reservoir	Bulk culture	613 Bulk	0.996	2.479
	Reservoir	Q ² VOA	613 W23 MS18	0.148	0.484
	Reservoir	Q ² VOA	613 D-14 C16	0.995	8.987
	Reservoir	Q ² VOA	613 D-14 C6	0.612	1.337
	Reservoir	Q ² VOA	613 D-14 D15	0.412	2.23
	Reservoir	Q ² VOA	613 D-14 F12	0.341	0.88
	Reservoir	Q ² VOA	613 D-14 MB10	0.590	1.846
616	Reservoir	Q ² VOA	613 D-14 MB23	0.265	0.872
	Reservoir	Bulk culture	616 Bulk	0.371	1.102
	Reservoir	Q ² VOA	616 D-14 300K B12	0.347	0.817
	Reservoir	Q ² VOA	616 D-14 MF8	0.298	0.989
	Reservoir	Q ² VOA	616 D-14 MF21	0.245	0.781
	Reservoir	Q ² VOA	616 D-14 MA11	0.262	0.856
	Reservoir	Q ² VOA	616 D-14 300K A19	0.281	0.956
616	Reservoir	Q ² VOA	616 W23 MU12	0.377	1.4
	Reservoir	Q ² VOA	616 W23 MU18	0.323	0.93