Table S48: non-VRC01-class %aa mutations testing between selected time points by treatment and VH or VK/VL, among the median mutation values. Testing was done using Wilcoxon signed-rank test for paired data (two-sided, $\alpha = 0.05$) and p values less than 0.05 are highlighted.

	Comparison	Number of Pairs	Median (Range)	P Value
VH				
20µg	Wk-4 (V02) vs. Wk3 (V05)	8	7.6531 [3.0612, 11.3402] vs. 2.0305 [1.0204, 4.0816]	0.0078
	Wk-4 (V02) vs. Wk4 (V06)	15	9.1837 [3.0612, 22.4617] vs. 3.0303 [1.0204, 7.1429]	0.0002
	Wk-4 (V02) vs. Wk8 (V07)	15	9.1837 [3.0612, 22.4617] vs. 4.0404 [0.0000, 11.7347]	0.0006
	Wk4 (V06) vs. Wk8 (V07)	18	3.0458 [1.0204, 7.1429] vs. 3.7934 [0.0000, 11.7347]	0.4617
	Wk8 (V07) vs. Wk9 (V07A)	14	3.3196 [0.0000, 6.1224] vs. 5.1020 [2.0619, 7.1429]	0.0067
	Wk8 (V07) vs. Wk10 (V08)	17	3.5464 [0.0000, 11.7347] vs. 4.0816 [0.5102, 8.0808]	0.6099
	Wk8 (V07) vs. Wk11 (V09)	11	3.0612 [0.0000, 11.7347] vs. 7.1429 [3.0928, 12.3711]	0.0244
	Wk8 (V07) vs. Wk16 (V10)	16	3.5872 [0.0000, 11.7347] vs. 3.5508 [3.0303, 6.1856]	0.8799
	Wk3 (V05) vs. Wk11 (V09)	5	2.0202 [1.0204, 4.0816] vs. 7.2165 [3.0928, 12.3711]	0.0625
	Wk10 (V08) vs. Wk16 (V10)	16	4.0816 [2.0202, 8.0808] vs. 3.5508 [3.0303, 6.1856]	0.3496
100µg	Wk-4 (V02) vs. Wk3 (V05)	9	9.1837 [2.0619, 16.3265] vs. 2.0408 [1.0309, 5.1020]	0.0039
	Wk-4 (V02) vs. Wk4 (V06)	12	9.1837 [2.0619, 16.3265] vs. 2.5615 [1.0204, 5.5762]	0.0024
	Wk-4 (V02) vs. Wk8 (V07)	12	9.1837 [2.0619, 16.3265] vs. 4.0713 [1.0204, 8.3333]	0.0103
	Wk4 (V06) vs. Wk8 (V07)	17	2.0408 [0.0000, 5.5762] vs. 3.0770 [1.0101, 8.3333]	0.0005
	Wk8 (V07) vs. Wk9 (V07A)	13	3.0612 [1.0101, 8.3333] vs. 4.0816 [2.0202, 8.1633]	0.0803
	Wk8 (V07) vs. Wk10 (V08)	17	3.0770 [1.0101, 8.3333] vs. 4.0816 [1.0204, 7.2165]	0.2842
	Wk8 (V07) vs. Wk11 (V09)	10	3.5611 [1.0204, 6.6642] vs. 8.1817 [4.0816, 12.8866]	0.0039
	Wk8 (V07) vs. Wk16 (V10)	16	3.0691 [1.0101, 8.3333] vs. 4.0816 [1.5203, 6.6327]	0.1365
	Wk3 (V05) vs. Wk11 (V09)	8	2.0408 [1.0204, 3.0612] vs. 7.1613 [4.0816, 12.8866]	0.0078
	Wk10 (V08) vs. Wk16 (V10)	16	4.0816 [1.0204, 7.2165] vs. 4.0816 [1.5203, 6.6327]	0.5039
VK/VL				
20µg	Wk-4 (V02) vs. Wk3 (V05)	8	6.1869 [0.0000, 20.8333] vs. 1.5467 [0.5102, 4.2329]	0.0391
	Wk-4 (V02) vs. Wk4 (V06)	15	7.2917 [0.0000, 24.5943] vs. 2.0619 [0.0000, 4.8020]	0.0007
	Wk-4 (V02) vs. Wk8 (V07)	15	7.2917 [0.0000, 24.5943] vs. 2.0330 [0.0000, 5.2637]	0.0020
	Wk4 (V06) vs. Wk8 (V07)	18	2.0726 [0.0000, 4.8020] vs. 2.0781 [0.0000, 5.2637]	0.2935
	Wk8 (V07) vs. Wk9 (V07A)	14	2.0474 [0.0000, 5.1020] vs. 3.0931 [2.0408, 5.2083]	0.0166
	Wk8 (V07) vs. Wk10 (V08)	17	2.0619 [0.0000, 5.2637] vs. 2.1165 [1.0526, 4.2105]	0.7467
	Wk8 (V07) vs. Wk11 (V09)	11	2.0619 [0.0000, 5.2637] vs. 4.2105 [3.0612, 7.4468]	0.0049
	Wk8 (V07) vs. Wk16 (V10)	16	2.0474 [0.0000, 5.2637] vs. 2.0943 [1.0582, 4.2553]	1.0000
	Wk3 (V05) vs. Wk11 (V09)	5	2.0408 [0.5102, 4.2329] vs. 4.7368 [4.0816, 7.4468]	0.0625
	Wk10 (V08) vs. Wk16 (V10)	16	2.1109 [1.0526, 4.2105] vs. 2.0943 [1.0582, 4.2553]	0.9797
100µg	Wk-4 (V02) vs. Wk3 (V05)	9	4.2105 [2.6316, 11.2245] vs. 2.0408 [0.0000, 3.1579]	0.0039
	Wk-4 (V02) vs. Wk4 (V06)	12	5.2637 [2.6316, 11.2245] vs. 2.1053 [0.0000, 4.5918]	0.0010
	Wk-4 (V02) vs. Wk8 (V07)	12	5.2637 [2.6316, 11.2245] vs. 2.3770 [0.0000, 3.6791]	0.0024
	Wk4 (V06) vs. Wk8 (V07)	17	1.9901 [0.0000, 4.5918] vs. 2.1053 [0.0000, 3.6791]	0.1577
	Wk8 (V07) vs. Wk9 (V07A)	13	2.1053 [0.0000, 3.6791] vs. 3.0928 [1.0365, 7.9208]	0.0215
	Wk8 (V07) vs. Wk10 (V08)	17	2.1053 [0.0000, 3.6791] vs. 2.1053 [0.4950, 5.0000]	0.3778
	Wk8 (V07) vs. Wk11 (V09)	10	2.0943 [0.0000, 3.1579] vs. 4.5131 [2.0833, 11.5789]	0.0059
	Wk8 (V07) vs. Wk16 (V10)	16	2.0943 [0.0000, 3.6791] vs. 2.8449 [1.0526, 4.6563]	0.0536
	Wk3 (V05) vs. Wk11 (V09)	8	1.0526 [0.0000, 3.1579] vs. 4.3031 [2.0833, 11.5789]	0.0156
	Wk10 (V08) vs. Wk16 (V10)	16	2.3271 [1.0153, 5.0000] vs. 2.8449 [1.0526, 4.6563]	0.4476