

**Supplementary Table 1. Genetic characteristics of founder variant(s).**

Pub-id	WG	HG <sup>1</sup>	WG		<i>env</i> diversity <sup>3</sup>				Treatment
			InSites	Cons. <sup>2</sup>	n	Mean	Min.	Max.	
502-0006	0	1	n.a.	1	0	n.a.	n.a.	n.a.	Placebo
502-0053	10		0	1	10	0.001	0	0.0041	Placebo
502-0062	6		2	1	6	0.0008	0	0.0015	Vaccine
502-0176	11	1	13	1	11	0.0022	0	0.0044	Placebo
502-0223	1		n.a.	1	1	n.a.	n.a.	n.a.	Placebo
502-0227	11		397	2	11	0.0314	0	0.058	Vaccine
502-0287	4	1	1	1	4	0.0011	0.0007	0.0015	Vaccine
502-0309 <sup>a</sup>	5		0	1	5	0	0	0	Vaccine
502-0322	3	2	0	1	5	0.0006	0	0.0015	Placebo
502-0341	7		2	1	7	0.0008	0	0.0015	Vaccine
502-0346	9		3	1	9	0.0008	0	0.0029	Placebo
502-0364	5		0	1	5	0.0003	0	0.0007	Placebo
502-0388	5	4	1	1	9	0.0005	0	0.0022	Placebo
502-0491	4		2	1	4	0.0027	0	0.0051	Vaccine
502-0524	10		5	1	10	0.0007	0	0.0022	Vaccine
502-0525	5		1	1	5	0.0003	0	0.0007	Placebo
502-0572	5		0	1	5	0.0003	0	0.0007	Placebo
502-0648	4		1	1	4	0.0004	0	0.0007	Vaccine
502-0717	6		0	1	6	0.0002	0	0.0007	Placebo
502-0762	10		2	1	9	0.0006	0	0.0022	Vaccine
502-0823	7		1	1	7	0.0002	0	0.0007	Vaccine
502-0839	12		103	2	12	0.0127	0	0.0226	Vaccine
502-0841	4		4	1	4	0.0029	0.0022	0.0037	Vaccine
502-0879 <sup>a</sup>	5		13	2	5	0.0003	0	0.0007	Vaccine
502-0897	10		10	1	10	0.0016	0	0.0044	Vaccine
502-0923	8		0	1	8	0.0002	0	0.0009	Placebo
502-0938	4	6	9	1	10	0.0019	0	0.0066	Placebo
502-0961	11	1	3	2	12	0.0005	0	0.0022	Vaccine
502-0965	2	2	59	2	4	0.0141	0	0.0261	Placebo
502-1027	10		23	2	10	0.0026	0	0.0044	Placebo
502-1046	5		0	1	5	0.0003	0	0.0007	Vaccine
502-1047	5		4	1	5	0.0006	0	0.0015	Placebo
502-1055	2	4	0	1	6	0.0002	0	0.0007	Vaccine
502-1115 <sup>b</sup>	4		4	1	4	0.0028	0.0015	0.0037	Placebo
502-1174	10		114	2	10	0.0011	0	0.0029	Vaccine
502-1191	5		4	1	5	0.0037	0.0029	0.0051	Vaccine
502-1211	5		0	1	5	0.0003	0	0.0007	Vaccine
502-1368	2	1	0	1	2	0.0015	0.0015	0.0015	Vaccine
502-1399	5		40	2	5	0.0051	0.0015	0.0095	Vaccine
502-1400	5		0	1	5	0.0006	0	0.0015	Vaccine
502-1478	5		0	1	5	0	0	0	Placebo
502-1500	3	1	2	1	4	0.0018	0.0007	0.0029	Vaccine
502-1504 <sup>d</sup>	9		55	2	8	0.0067	0	0.026	Placebo
502-1512	11		24	1	11	0.0022	0	0.0051	Vaccine
502-1518	10		29	2	10	0.0018	0	0.0044	Placebo
502-1619	10		45	2	10	0.0036	0	0.0103	Vaccine
502-1709	5		74	2	11	0.0154	0.0007	0.0543	Vaccine
502-1799	5		2	1	5	0.0004	0	0.0007	Placebo
502-1897	5		0	1	5	0	0	0	Vaccine
502-1919	0	1	n.a.	1	1	n.a.	n.a.	n.a.	Placebo
502-1926	8	1	2	1	8	0.0018	0	0.0066	Vaccine
502-2000	9	1	20	1	10	0.0036	0.0007	0.0059	Vaccine
502-2008	10		98	2	10	0.0104	0.0029	0.0192	Placebo
502-2136	5		0	1	5	0.0009	0	0.0022	Vaccine
502-2241	11		18	1	11	0.0022	0	0.0051	Vaccine
502-2254	6		2	1	6	0.0033	0.0015	0.0051	Vaccine
502-2289	5		4	1	5	0.0028	0	0.0051	Vaccine
502-2305	11	3	127	4	14	0.0047	0	0.0088	Vaccine
502-2349	4		1	1	4	0.0019	0	0.0037	Vaccine
502-2437	10	2	0	1	10	0.0001	0	0.0007	Vaccine
502-2495	3		0	1	3	0	0	0	Placebo
502-2586	6	2	15	2	6	0.0045	0.0015	0.0074	Placebo
502-2622	5		16	1	5	0.0032	0.0015	0.0044	Placebo
502-2649	9		36	2	9	0.0015	0	0.0037	Vaccine
502-2667	5		0	1	5	0.0006	0	0.0015	Placebo
502-2696 <sup>c</sup>	6	1	0	1	6	0.001	0	0.0029	Vaccine
502-2717	6	1	1	1	7	0.0012	0	0.0029	Vaccine
502-2794	5		0	1	5	0.0012	0	0.0029	Placebo

- 1 Number of additional half-genome sequences.
- 2 Number of consensus founder variant(s).
- 3 Nucleotide pairwise sequence diversity (Mean and minimum and maximum).
- a Possible transmission linkage with another volunteer.
- b Female volunteer.
- c Recombinant CRF02\_AG isolate.
- d No HLA- genotype data available.