

Supplemental Table 2: Signal Intensities determined by Linear Epitope Mapping as a Measure of Env Epitope Recognition

Group (Time Point) ¹	Animal No.	Epitope ² C1.1 ³	C1.2	C1.3	V2.1	V2.2	C2.1	C2.2	V3.1	V3.2	V3.3	C3.1	C3.2	V4	V5-C5	C5.1	C5.2
Env Protein (wk.8)	45535	9,825	86,228	28,732	77,626	41,668	1,438	13,125	64,746	1,027,122	24,906	15,111	1	3,433	611,589	608,782	739,721
	45521	64,105	36,449	28,430	34,122	3,722	229,084	263	241,830	1,020,488	7,106	268,308	35,494	14,469	2,253	47,280	106,546
	45519	97,980	166,929	41,925	22,118	393,755	1	1,443	68,487	1,024,404	2,013	5,668	7,123	21,341	1,700	1,652	27,887
	45532	1,500	33,718	70,091	30,273	5,840	4,364	39,944	5,248	324,459	86,635	43,909	3,760	8,742	36,384	510,802	29,236
	45522	3,773	130,098	224	418	334	172	2,657	57,075	275,197	2,886	2,602	213	2,623	65,794	46,657	9,337
Co- Administration (wk. 8)	45091	83,417	1,047,402	206,156	111,897	546	1,185	2,636	252,180	1,047,468	174,996	5,340	1,881	838	109,865	228,011	222,257
	45038	363,953	138,684	14,639	33,219	3,752	1,688	3,732	259	1,047,071	2,932	5,906	20,156	1,284	89,051	662,147	20,855
	45069	18,083	14,966	2,309	587	840	39,976	271	209,573	1,047,680	81,351	81,860	25,193	199	94,424	316,777	455,256
	45047	1,542	4,810	2,078	9,518	6,477	30,036	73,263	825	1,020,093	63,808	35,784	242,662	62,012	16,775	113,616	71,901
	45083	132,449	90,666	11,335	5,017	73	86,383	6,557	196,941	1,026,895	4,100	28,809	4,095	109	24,120	49,874	38,713
Extended Interval (wk.8)	45463	10,057	184,895	87,071	129,405	32,494	31,446	174,501	8,034	1,035,675	434,481	259,890	61,735	90,490	22,064	90,874	47,646
	45442	1	3,509	24,778	5,555	1	1	1	30,939	1,048,274	1	1	8,009	1	21,768	346,895	929,695
	45448	555	1,020	653	3,533	901	43,351	989	6,952	829,785	14,167	1,232	575	704	39,936	396,475	483,317
	45435	3,736	113,394	11,808	14,704	3,054	27,306	51,731	366	1,032,417	37,706	16,568	67,273	5,233	793	5,713	1
	45441	1	871	317	2,362	2,548	89	10,435	11,467	768,309	6,570	5,124	17,474	1,538	1	1,094	2,018
Extended Interval (wk.15)	45463	22,557	195,122	62,087	61,622	46,498	12,295	99,430	12,061	1,037,139	214,176	123,475	11,440	48,685	115	39,758	23,037
	45442	10,145	74,005	5,979	732	1	1	1	26,331	1,048,262	25,473	2,758	28	79,801	1,288	452,684	798,680
	45448	406	16,730	3,011	409	2,033	68,853	1,024	43,129	836,977	1,336	1,481	334	110,849	7,911	345,545	341,855
	45435	6,151	524,430	76,026	38,922	14,563	11,672	9,244	1	1,034,633	4,013	337	59,030	1	1	15,138	300,774
	45441	107	115,340	583	1,540	12	10,065	1,306	174,228	930,460	1,106	563	67,168	32,057	1,112	2,164	64,918

¹ week 8 corresponds to the time 2 wks after the last immunization in the Env Protein and Co-administration Groups; wks 8 and 15 in the Extended Interval Group correspond to 2 wks after the 2nd and 3 wks after the 3 immunization, respectively

² the numeric values correspond to the signal intensities measured by linear epitope mapping as explained in the Materials and Methods; values are corrected for binding/ signal intensities at wk 0 (preimmune time point)

³ the first capital letter combined with the first number describe the epitope region on gp120; if various epitopes for the same region were available, these are indicated by the number after the period: e.g. C1.1, C1.2, and C1.3 correspond to 3 different linear epitopes in the first constant region C1

Color Legend	Signal Intensity
	1
	10 ¹ to 10 ²
	10 ² to 10 ³
	10 ³ to 10 ⁴
	10 ⁴ to 10 ⁵
	10 ⁵ to 10 ⁶
	>10 ⁶