Table S2. *TRIM5* genotyping of the 129 rhesus monkeys in the study.

A. SIVmac251 Challenge (*Mamu-A*01-*)				*TRIM5*			
				Exon 8 (SPRY)			
	ID	Monkey	MHC class I	G997T/A	Nucleotide deletion (1015-1020: ACGTTT)	TRIM5-Cyp	Alleles
Control	1	AR92	A*01 -	G/T	1	N	1-5/6-11
	2	AR33	A*01 -	T/T	2	N	6-11/6-11
	3	AR10	A*01 -	G/G	0	N	1-5/1-5
	4	2B2	A*01 -	G/T	1	N	1-5/6-11
	5	1C8	A*01 -	T/T	2	N	6-11/6-11
	6	3C9	A*01 -	G/G	0	N	1-5/1-5
	7	OC5	A*01 -	T/A	2	P	6-11/TRIM5-Cyp
	8	BC38	A*01 -	G/G	0	N	1-5/1-5
	9	BB69	A*01 -	G/T	1	N	1-5/6-11
	10	AP89	A*01 -	G/T	1	N	1-5/6-11
	11	AR27	A*01 -	G/T	1	N	1-5/6-11
	12	AP91	A*01 -	G/T	1	N	1-5/6-11
	13	AP31	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	14	AR65	A*01 -	G/T	1	N	1-5/6-11
	15	AO69	A*01 -	G/G	0	N	1-5/1-5
	16	8B2	A*01 -	G/T	1	N	1-5/6-11
	17	AO46	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	18	AP65	A*01 -	T/T	2	N	6-11/6-11
	19	OA6	A*01 -	G/G	0	N	1-5/1-5
	20	AM64	A*01 -	T/T	2	N	6-11/6-11
Vaccine	1	A500	A*01 -	G/T	1	N	1-5/6-11
	2	AS33	A*01 -	G/G	0	N	1-5/1-5
	3	AS15	A*01 -	G/G	0	N	1-5/1-5
	4	AR70	A*01 -	G/T	1	N	1-5/6-11
	5	A511	A*01 -	T/A	2	P	6-11/TRIM5-Cyp
	6	9B0	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	7	7B9	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	8	AOO7	A*01 -	G/T	1	N	1-5/6-11
	9	BB80	A*01 -	G/G	0	N	1-5/1-5
	10	BB75	A*01 -	G/T	1	N	1-5/6-11
	11	BB61	A*01 -	G/T	1	N	1-5/6-11
	12	AR59	A*01 -	G/G	0	N	1-5/1-5
	13	AR60	A*01 -	G/G	0	N	1-5/1-5
	14	AR01	A*01 -	G/G	0	N	1-5/1-5
	15	AR36	A*01 -	G/T	1	N	1-5/6-11
	16	AP57	A*01 -	G/T	1	N	1-5/6-11
	17	AP08	A*01 -	G/G	0	N	1-5/1-5
	18	AM74	A*01 -	G/T	1	N	1-5/6-11
	19	AR30	A*01 -	G/G	0	N	1-5/1-5
	20	AP03	A*01 -	G/T	1	N	1-5/6-11

B. SIVsmE660 Challenge (*Mamu-A*01-*)				*TRIM5*			
				Exon 8 (SPRY)			
	ID	Monkey	MHC class I	G997T/A	Nucleotide deletion (1015-1020: ACGTTT)	TRIM5-Cyp	Alleles
Control	1	ZA40	A*01 -	G/G	0	N	1-5/1-5
	2	AX73	A*01 -	G/G	0	N	1-5/1-5
	3	ZB42	A*01 -	G/G	0	N	1-5/1-5
	4	A4V014	A*01 -	T/T	2	N	6-11/6-11
	5	A4V019	A*01 -	A/A	2	P	TRIM5-Cyp/TRIM5-Cyp
	6	BC30	A*01 -	G/A	1	P	1-5/TRIM-Cyp
	7	A5V045	A*01 -	G/T	1	N	1-5/6-11
	8	DC1K	A*01 -	G/T	1	N	1-5/6-11
	9	05D215	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	10	05D247	A*01 -	A/A	2	P	TRIM5-Cyp/TRIM5-Cyp
	11	A5V005	A*01 -	T/T	2	N	6-11/6-11
	12	A5V020	A*01 -	T/A	2	P	6-11/TRIM5-Cyp
	13	A5V026	A*01 -	G/T	1	N	1-5/6-11
	14	A5V041	A*01 -	G/G	0	N	1-5/1-5
	15	A5V043	A*01 -	G/T	1	N	1-5/6-11
	16	A5V052	A*01 -	T/A	2	P	6-11/TRIM5-CyP
	17	A6V029	A*01 -	T/T	2	N	6-11/6-11
	18	A6V034	A*01 -	T/T	2	N	6-11/6-11
	19	A6V035	A*01 -	G/T	1	N	1-5/6-11
	20	A6V041	A*01 -	G/G	0	N	1-5/1-5
	21	A6V040	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	22	A6V063	A*01 -	G/T	1	N	1-5/6-11
	23	A5V021	A*01 -	G/T	1	N	1-5/6-11
	24	A6V098	A*01 -	T/A	2	P	6-11/TRIM5-Cyp
	25	A6V005	A*01 -	G/T	1	N	1-5/6-11
Vaccine	1	R26	A*01 -	T/A	2	P	6-11/TRIM5-Cyp
	2	00D338	A*01 -	G/T	1	N	1-5/6-11
	3	A4V013	A*01 -	G/T	1	N	1-5/6-11
	4	BB99	A*01 -	G/T	1	N	1-5/6-11
	5	ZA74	A*01 -	G/T	1	N	1-5/6-11
	6	04D089	A*01 -	G/T	1	N	1-5/6-11
	7	DC86	A*01 -	G/T	1	N	1-5/6-11
	8	DC82	A*01 -	G/T	1	N	1-5/6-11
	9	05D218	A*01 -	G/A	1	P	1-5/TRIM5-Cyp
	10	DC84	A*01 -	G/T	1	N	1-5/6-11
	11	X41	A*01 -	G/G	0	N	1-5/1-5
	12	ZA16	A*01 -	G/T	1	N	1-5/6-11
	13	ZB08	A*01 -	G/T	1	N	1-5/6-11
	14	A4V003	A*01 -	G/T	1	N	1-5/6-11
	15	BB81	A*01 -	G/G	0	N	1-5/1-5
	16	BC26	A*01 -	G/T	1	N	1-5/6-11
	17	DC0X	A*01 -	G/G	0	N	1-5/1-5
	18	DC1M	A*01 -	G/G	0	N	1-5/1-5

19	DC1J	A*01 -	G/T	1	N	1-5/6-11
20	R05	A*01 -	G/T	1	N	1-5/6-11
21	AY18	A*01 -	G/T	1	N	1-5/6-11
22	ZB06	A*01 -	G/G	0	N	1-5/1-5
23	BB40	A*01 -	G/T	1	N	1-5/6-11
24	BB86	A*01 -	T/T	2	N	6-11/6-11
25	BC28	A*01 -	G/T	1	N	1-5/6-11

C. SIVsmE660 Challenge *(Mamu-A*01+)*				*TRIM5*			
				Exon 8 (SPRY)			
	ID	Monkey	MHC class I	G997T/A	Nucleotide deletion (1015-1020: ACGTTT)	TRIM5-Cyp	Alleles
Control	1	4252	A*01 +	T/A	2	P	6-11/TRIM5-Cyp
	2	ARB0	A*01 +	T/A	2	P	6-11/TRIM5-Cyp
	3	AR94	A*01 +	G/G	0	N	1-5/1-5
	4	A027	A*01 +	G/T	1	N	1-5/6-11
	5	AP54	A*01 +	G/T	1	N	1-5/6-11
	6	2B6	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	7	1B5	A*01 +	G/G	0	N	1-5/1-5
	8	8B1	A*01 +	G/T	1	N	1-5/6-11
	9	9B3	A*01 +	G/T	1	N	1-5/6-11
	10	A6V036	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	11	4B4	A*01 +	G/T	1	N	1-5/6-11
	12	A6V031	A*01 +	G/G	0	N	1-5/1-5
	13	A523	A*01 +	G/T	1	N	1-5/6-11
	14	A547	A*01 +	G/T	1	N	1-5/6-11
	15	AR21	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	16	AP37	A*01 +	G/T	1	N	1-5/6-11
	17	AP62	A*01 +	G/T	1	N	1-5/6-11
	18	AR02	A*01 +	G/G	0	N	1-5/1-5
	19	AP34	A*01 +	G/T	1	N	1-5/6-11
	20	ZD57	A*01 +	G/G	0	N	1-5/1-5
Vaccine	1	4251	A*01 +	G/G	0	N	1-5/1-5
	2	AR81	A*01 +	G/T	1	N	1-5/6-11
	3	AR96	A*01 +	G/T	1	N	1-5/6-11
	4	2C1	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	5	BC20	A*01 +	G/G	0	N	1-5/1-5
	6	A6V046	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	7	A532	A*01 +	G/T	1	N	1-5/6-11
	8	AR56	A*01 +	A/A	2	P	TRIM5-Cyp/TRIM5-Cyp
	9	AP21	A*01 +	G/G	0	N	1-5/1-5
	10	AR44	A*01 +	G/A	1	P	1-5/TRIM5-Cyp
	11	AR34	A*01 +	G/T	1	N	1-5/6-11
	12	AP32	A*01 +	G/T	1	N	1-5/6-11
	13	AR03	A*01 +	G/G	0	N	1-5/1-5
	14	AP77	A*01 +	G/T	1	N	1-5/6-11
	15	AR76	A*01 +	G/T	1	N	1-5/6-11
	16	A018	A*01 +	G/T	1	N	1-5/6-11
	17	ZD46	A*01 +	G/T	1	N	1-5/6-11
	18	ZD51	A*01 +	G/G	0	N	1-5/1-5
	19	ZD12	A*01 +	G/G	0	N	1-5/1-5