

Table S1. Animal MHC haplotypes, vaccination and SIV challenge outcome.

ID	MHC haplotype		Vaccination ^a group	SIV challenge ^b outcome
	MHC I	MHC II		
AM271	M3/M5	M3/M4	Control	Infected
BM280	M3/M3	M3/M3	Control	Infected
AT45	M1/recM1M3	M1/M3	Control	Infected
BM805	M1/M4	M2/M4	Control	Infected
BM796	M3/M4	M3/M4	Control	Infected
BM843	M3/M4	M3/M4	Control	Uninfected
AM260	M1/M4	M1/M4	Vaccine	Infected
AM672	M1/M6	M1/M6	Vaccine	Infected
AT789	M1/M3	M1/M3	Vaccine	Infected
AV429	M1/M2	M1/M2	Vaccine	Infected
BM524	M2/M6	M2/M6	Vaccine	Infected
BM576	M1/M3	M1/M5	Vaccine	Infected
BM795	M3/M4	M3/M4	Vaccine	Infected
AV187	M7/M4	recM7M3/M4	Vaccine	Uninfected

a. Monkeys received either control vector or a vaccine targeting SIV protease cleavage sites.

b. Uninfected monkeys (without detectable viral load after SIV challenge) were excluded from study.