

In-vivo titration of SIVmac239 stock 20082 summary

Project: 20040501

Protocol: g00451

Table 1. 20082 stock info

Expt. nr.	harvest date	vRNA copies/ml x 10 ⁶	p27, ng/ml	TCID ₅₀ /ml	aliquot size	seed stock	grown on	PBMC donors
20082	2-5-2011	215	318	90,000	0.5ml	supernatant from transfected 293T cells (19559)	rhesus PBMC	r85134, r88065, r93061, r90142, rh1939, rh2055

Table 2. Titration experiment animal info

Animal	Sex	Weight (kg)	MHC	Dose	# of Challenges
R02105	F	6.51	A*02, B*17, B*29	5000 TCID50	1
R95082	F	12.48	A*01, B*17, B*29	5000 TCID50	1
R03007	M	10.7	B*17, B*29	900 TCID50	1
R97088	M	11.25	A*08, B*17, B*29	900 TCID50	1
R02097	F	8.69	B*17, B*29	900 TCID50	2
R01082	M	10.92	A*01, A*08, B*17, B*29	300 TCID50	4
R03024	M	12.75	A*08, B*01	300 TCID50	3
R07043	M	7.48	B*01, B*07	300 TCID50	2

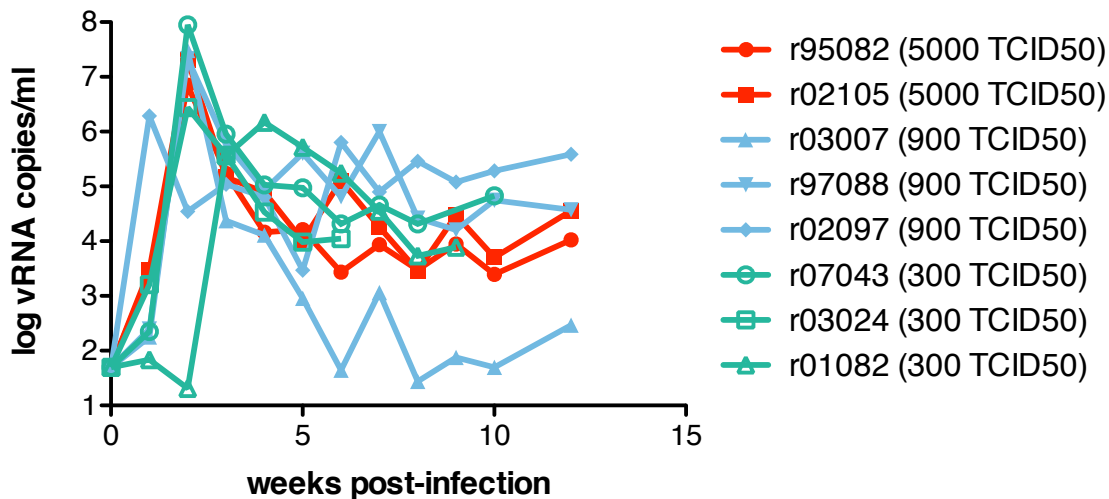


Fig. 1. Virus stock 20082 replication in vivo. WNPRC-origin rhesus macaques were challenged i.r. with the indicated doses until viremia was detected. The number of challenges required to establish infection in each animal is indicated in Table 2.