

Supplemental Table 1 DMPA dosage and MPA levels in

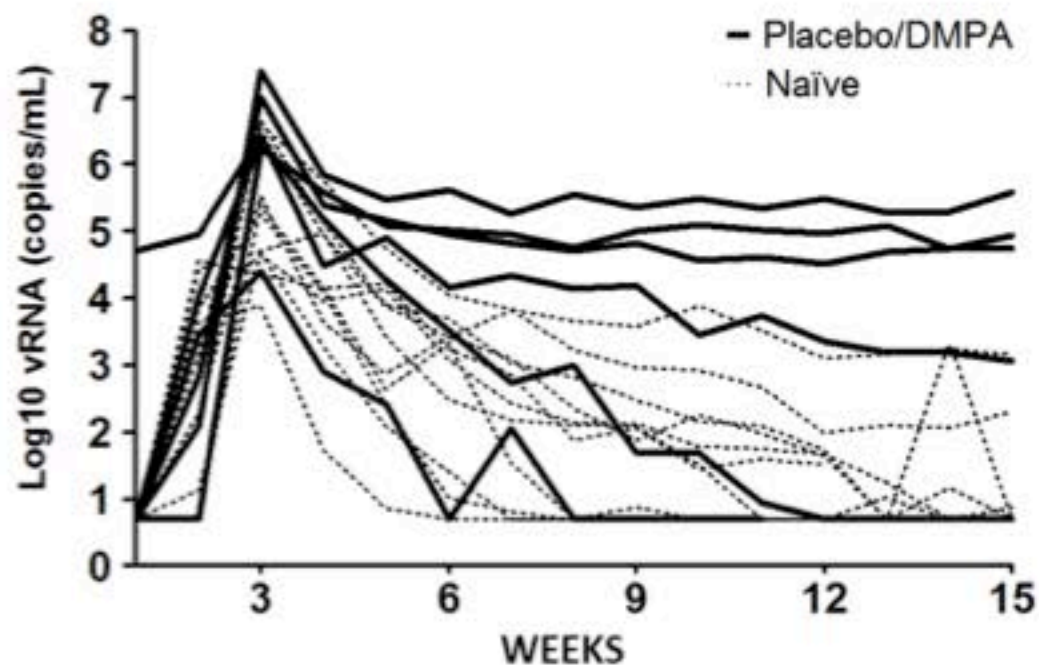
plasma

Macaque ID	Weight (kg)	mg/kg DMPA	Plasma MPA (pg/mL)/weight (kg)											
			Week											
			-6	-4	-3	-2	0	2	3	4	5	6	8	9
T1 <sup>1</sup>	7.3	4.1	59.6	74.0	36.6	9217.7	786.0	913.6	564.9	19791.1	11935.6	18741.1	4326.4	1636.4
T2	5.6	5.4	116.4	69.8	95.2	17947.0	978.4	2761.3	674.1	19149.3	72929.6	11633.6	724.1	512.3
T3	5.2	5.8	101.0	60.4	36.9	14942.5	4753.8	266.3	38434.0	7813.3	9685.8	709.2	80.4	110.8
T4	6.1	4.9	60.8	73.8	32.1	27497.9	1752.5	442.0	118.5	8744.1	2606.2	804.3	205.4	131.8
T5	6.5	4.6	59.1	66.3	43.8	7847.2	1484.8	1219.7	14009.2	5905.7	12211.4	1737.7	1149.7	659.7
T6	5.4	5.6	nd	nd	58.1	14520.4	566.7	106.9	70.6	22460.4	nd	nd	nd	nd
T median	5.9	5.1												
P1 <sup>2</sup>	5.5	5.5	98.4	112.5	52.2	27256.4	714.0	375.8	181.3	7823.8	4975.5	1718.7	398.5	129.3
P2	5.9	5.1	56.4	58.5	78.0	15549.2	922.2	441.0	74.7	24964.7	25211.5	10760.2	1224.2	121.4
P3	5.4	5.6	71.7	59.6	55.2	15598.0	3931.7	8344.4	1941.1	24069.3	11083.9	3708.5	941.3	218.7
P4	6.2	4.8	50.8	48.1	73.9	19011.0	13631.1	787.9	19944.0	12833.9	31056.6	11227.7	279.7	142.1
P5	7.1	4.2	50.8	37.9	37.3	9584.1	5110.7	439.6	105.8	13443.1	13162.3	7027.3	342.5	173.5
P6	8.0	3.8	57.0	109.1	136.5	5779.8	32652.8	2714.0	347.0	2678.9	4834.6	17633.0	240.3	45.8
P median	6.1	5.0												
P&T median	6.0	5.0												

<sup>1</sup>T - TDF IVR group

<sup>2</sup>P - Placebo group

Shaded areas are one week post DMPA injection.



**Supplemental Figure 1. Plasma viral loads for individual infected control macaques.** Peak viral loads were aligned for comparison of naïve/cycling controls and placebo IVR/DMPA controls.