

Table S5. Virus replication in macrophages from different donors.

ID	Type	Virus	Source	Virus Tropism	sCD4 IC50 (ug/ml)	CD4-Ig IC50 (ug/ml)	Donors							
							ZB620	ZB624	ZB710	ZB28	ZB31	ZB722	ZB725	ZB668
MCST	Chronic	IMC	Parrish et al., PNAS 2013	R5			no	yes	yes	yes	no			
STCOr1	Chronic	IMC	Parrish et al., PNAS 2013	Dual			no	yes	no	no	yes			
THRO	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	R5			no	yes	yes	yes	yes			
TYBE***	Chronic***	IMC	Yi et al., J Virol 1999	X4						yes	yes			
UG021***	Chronic***	IMC	Gao et al., J Virol 1996	X4						yes	yes			
WTO	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	R5			no	yes	yes	yes	yes			
YU2***	Chronic***	IMC	Li et al., J Virol 1991	R5	0.9224	0.08674	no	yes	yes	yes	yes			
REJO	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	R5			no	yes	yes	yes	yes			
RHGA	Chronic	IMC	Parrish et al., PNAS 2013	R5			no	yes	yes	no	no			
RHPA	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	R5			no	yes	yes	yes	yes			
CH058	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	R5			no	yes	yes	yes	yes	yes	no	yes
CH077	Transmitted founder	IMC	Salazar-Gonzalez et al., J Virol 2009	Dual			no	yes	yes	yes	yes			
CH141	Chronic	IMC	Parrish et al., PNAS 2013	R5			no	yes	yes	yes	yes			
CH167	Chronic	IMC	Parrish et al., PNAS 2013	R5			no	yes	yes	yes	yes			
CH042	Transmitted founder	IMC	Parrish et al., PNAS 2013	R5			no	yes	yes	yes	yes			
CH470	Transmitted founder	IMC	Parrish et al., PNAS 2013	R5						yes	yes	yes	yes	yes
CH492	Chronic	IMC	Iyer et al., PNAS 2017	R5						no	no	no	no	no
MM33.TF	Transmitted founder	IMC	This study	R5						no	no			
MM33.13	Chronic	IMC	This study	R5						yes	yes			
MM33.17	Chronic	IMC	This study	R5						no	no			
9244.VOA.G12	VOA (week -2)	Isolate	Mendoza et al., 2018	R5	>20	>20	no	yes		yes	yes			
9244.VOA.K2	VOA (week -2)	Isolate	Mendoza et al., 2018	Dual	>20	>20	no	yes		yes	yes			
9244.VOA.P11	VOA (week -2)	Isolate	Mendoza et al., 2018	R5	>20	10.97	no	yes		yes	yes			
9244.VOA.12J17	VOA (week 12)	Isolate	Mendoza et al., 2018	Dual			no	yes		yes	yes			
9244.REB.9D3	Rebound	Isolate	This study	R5	>20	>20	yes	yes		yes	yes			
9244.REB.9E6	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
9241.REB.7D4	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
9242.REB.r1	Rebound	IMC	This study	R5			no	yes	yes	yes	yes	yes	yes	yes
A08.VOA.1B5	VOA (Post ATI)	Isolate	This study	X4	>20	>20				no	no	no	no	no
A08.VOA.1C8	VOA (Post ATI)	Isolate	This study	X4								no	no	
A08.VOA.1F8	VOA (Post ATI)	Isolate	This study	Dual								no	no	
A08.VOA.3D8	VOA (Post ATI)	Isolate	This study	R5								no	no	no
A08.VOA.4E4	VOA (Post ATI)	Isolate	This study	X4	>20	>20				no	no	no	no	no
A08.VOA.5E4	VOA (Post ATI)	Isolate	This study	Dual								no	no	no
A08.VOA.6D3	VOA (Post ATI)	Isolate	This study	X4								no	no	no
A08.VOA.6F6	VOA (Post ATI)	Isolate	This study	R5								no	no	no
A08.VOA.5E2	VOA (Post ATI)	Isolate	This study	X4	>20	>20						no	no	no
A08.VOA.7F8	VOA (Post ATI)	Isolate	This study	Dual								no	no	
A08.VOA.7C1	VOA (Post ATI)	Isolate	This study	X4								no	no	
A08.VOA.8E8	VOA (Post ATI)	Isolate	This study	Dual								no	no	
A08.REB.5C2	Rebound	Isolate	This study	R5						yes	yes	yes	no	yes
A08.REB.5D2	Rebound	Isolate	This study	X4						no	no	no	no	no
A08.REB.6B3	Rebound	Isolate	This study	R5						yes	yes	no	no	no
A08.REB.6D6	Rebound	Isolate	This study	X4	>20	>20				no	no	no	no	no
A08.REB.7C1	Rebound	Isolate	This study	X4						no	no	no	no	no
A08.REB.7C2	Rebound	Isolate	This study	R5						no	yes	yes	no	no
A08.REB.7D3	Rebound	Isolate	This study	X4	>20	>20				no	no	no	no	no
A08.REB.8D1	Rebound	Isolate	This study	X4	>20	>20						no	no	no
A08.REB.8A5	Rebound	Isolate	This study	X4	>20	>20						no	no	no
A08.REB.1A5	Rebound	IMC	This study	X4			no	no	no	no	no	no	no	no
A08.REB.2F4	Rebound	IMC	This study	R5			no	yes	yes	no	no	yes	yes	yes
A09.REB.1A5	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
A09.REB.1A2	Rebound	IMC	This study	R5			no	yes	yes	yes	yes	yes	yes	yes
S22.REB.1F5	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
S22.REB.3B6	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
S23.REB.3D1	Rebound	Isolate	This study	R5	>20	11.63	no	yes		yes	yes			
004.REB.4D1	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
004.REB.4E3	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
004.REB.4E6	Rebound	Isolate	This study	R5	>20	>20	no	yes		yes	yes			
601.REB.r1	Rebound	IMC	This study	R5			no	yes	yes	yes	yes	yes	yes	yes

\*Using CD14 selection, monocytes were isolates from peripheral blood mononuclear cells of 8 healthy donors, and cultured in M-CSF containing media to allow differentiation into macrophages. Virus replication was monitored for 20 days by measuring p24 antigen in culture supernatants. "yes" denotes p24 production above 0.5ng/ml.