

*in silico* prediction*in vitro* phenotyping

Sample/ HIV-1 strain	Web PSSM	Geno2 pheno	IsnoR5 Cells	PBMCs	TZMBL Cells <small>(LacZ positive cells)</small>	TZMBL Cells + R5i <small>(LacZ positive cells)</small>	Results phenotyping
d(-61)	X4 <small>(-4.47 - -2.84)</small>	X4	-	+	272	1	R5
d(-8)	R5 <small>(-7.94)</small>	X4	-	-	0	0	-
d 20	X4 <small>(-4.19)</small>	X4	-	+	25608	1	R5
d 35	X4 <small>(-4.19)</small>	X4	-	-	1	0	-
d 42	X4 <small>(-4.19)</small>	X4	n.d.	n.d.	n.d.	n.d.	-
d 105	X4 <small>(-4.19)</small>	X4	-	-	0	0	-
d 198	X4 <small>(-4.19 - -3.50)</small>	X4	-	+	24	1	R5
d 384	X4 <small>(-4.28 - -4.19)</small>	X4	n.d.	n.d.	n.d.	n.d.	-
HIV-1 SF2	X4	X4	+	+	66	128	X4
HIV-1 SF162	R5	R5	-	+	36472	63	R5