

TABLE S1 Sample origin and characteristics of single-genome amplification fragments used for analyses.

Infection status	Subject no.	Genotype	No. T/F genomes <sup>f</sup>	Region(s) covered	Dates sampled	Viral loads (IU/mL)	Max. amplicon length (nt)	No. of amplicons	Intralineage nucleotide diversity e			Interlineage nucleotide diversity e			
									Range (%)	Mean (%)	Median (%)	Range (%)	Mean (%)	Median (%)	
Acute	10002 <sup>a</sup>	1a	13	5' half	12/9/98 12/22/98	1.57E6 4.30E6	4,905	31	0.000 - 0.286	0.104	0.061	0.225 - 3.20	2.04	2.80	
	10012 <sup>a</sup>	1a	3	5' half	3/18/02 3/25/02 4/6/02	7.95E6 10.3E6 3.81E6	4,882	129	0.000 - 0.144	0.035	0.041	2.54 - 3.43	3.02	3.03	
	10017 <sup>a</sup>	1a	4	5' half	10/8/97 10/16/97 10/23/97 11/3/97	1.49E6 5.46E5 1.39E6 3.77E5	4,889	192	0.000 - 0.185	0.037	0.041	0.061 - 1.41	1.14	1.26	
	10020 <sup>a</sup>	1a	10	5' half	9/28/02 10/23/02	9.03E5 2.56E6	4,905	64	0.000 - 0.143	0.046	0.041	0.020 - 0.266	0.123	0.122	
	10021 <sup>a</sup>	1a	1	5' UTR 5' half 3' half Poly(U/UC)	9/14/02 9/14/02 9/7/02 9/14/02 9/28/02 10/5/02	8.70E5 8.70E5 5.53E4 8.70E5 4.11E6 6.61E6	773 4,878 4,188 483	6 96 27 46	0.000 0.000 - 0.082	0.000 0.027	0.000 0.024	NA NA	NA NA	NA NA	
	10024 <sup>a</sup>	1a	6	X-tail 5' half	9/14/02 3/16/98 3/18/98	8.70E5 3.00E6 8.40E5	93 4,882	4 112	0.000 0.000 - 0.123	0.000 0.025	0.000 0.000	0.479 - 1.41	0.994	1.29	
	10025 <sup>a</sup>	1a	1	5' UTR 5' half 3' half Poly(U/UC)	3/31/98 3/31/98 3/31/98 3/19/98 3/31/98 4/13/98 4/16/98	7.77E5 7.77E5 5.52E5 5.81E4 7.77E5 6.58E5 5.52E5	437 4,882 4,183 491	5 92 16 22	0.000 0.000 - 0.144	0.000 0.044	0.000 0.048	NA NA	NA NA	NA NA	
	10029 <sup>a</sup>	1a	9	X-tail 5' half	3/31/98 6/8/02 6/15/02 6/29/02	7.77E5 1.06E6 3.09E6 9.19E5	93 4,876	5 201	0.000 - 1.53 0.000 - 0.185	0.460 0.037	0.000 0.041	0.247 - 3.16	2.27	2.92	
	10062 <sup>a</sup>	1a	3	5' half	10/7/96 10/11/96 11/11/96	2.65E6 1.10E6 3.84E5	4,858	140	0.000 - 0.165	0.025	0.021	0.393 - 0.809	0.651	0.663	
	105686 <sup>a</sup>	1a	2	5' half	9/21/07	8.53E5	4,902	23	0.000 - 0.163	0.055	0.041	0.512 - 0.698	0.584	0.574	
	106889 <sup>a</sup>	1a	>30	5' half	7/8/08	3.27E5	4,902	87	0.000 - 0.082	0.024	0.020	0.041 - 1.03	0.551	0.656	
	110069 <sup>a</sup>	1a	4	5' UTR 5' half 3' half Poly(U/UC)	7/8/09 7/6/09 7/8/09 7/6/09 7/8/09 7/23/09 11/25/09	3.37E6 4.13E5 3.37E6 4.13E5 3.37E6 5.62E5 2.00E4	390 4,903 4,513 498	8 88 22 33	0.000 0.000 - 0.102	0.000 0.021	0.000 0.024	0.000 0.204 - 0.760	0.000 0.499	0.000 0.615	
	6213 <sup>a</sup>	1a	3	X-tail 5' half	7/6/09 2/22/96	4.13E5 1.82E5	93 4,905	12 41	0.000 0.000 - 0.001	0.000 0.000	0.000 0.000	0.000 3.10 - 6.68	0.000 6.19	0.000 6.51	
	6222 <sup>a</sup>	1a	4	5' half	9/27/96	4.02E5	4,903	17	0.020 - 0.204	0.082	0.082	0.266 - 0.574	0.406	0.389	
	10051 <sup>a</sup>	1b	1	5' UTR 5' half 3' half Poly(U/UC)	7/7/02 7/7/2002 7/19/02 7/7/02 6/30/02 7/15/02 7/19/02	1.18E6 1.18E6 4.57E6 1.18E6 1.08E4 2.30E6 4.57E6	536 4,865 4,423 478	10 124 28 38	0.000 - 0.564 0.000 - 0.103	0.250 0.020	0.187 0.021	NA NA	NA NA	NA NA	
	9055 <sup>a</sup>	3a	1	X-tail 5' UTR 5' half 3' half Poly(U/UC)	7/15/02 3/19/02 3/10/02 3/19/02 4/10/02 3/19/02 3/10/02 3/19/02 4/10/02	2.30E6 1.62E6 1.31E6 1.62E6 5.79E5 1.62E6 1.31E6 1.62E6 5.79E5	93 802 4,912 4,393 732	11 8 157 9 45	0.000 - 1.29 0.000 - 0.125	0.235 0.031	0.000 0.000	NA NA	NA NA	NA NA	
	10003 <sup>a</sup>	3a	>30	X-tail 5' half	3/19/02 10/29/02 11/5/02 11/17/02	1.62E6 1.25E6 3.55E5 3.26E5	92 4,917	4 133	0.000 0.000 - 0.102	0.000 0.031	0.000 0.020	0.041 - 0.429	0.160	0.163	
	105431 <sup>b</sup>	4a	2	5' UTR 5' half 3' half Poly(U/UC) X-tail	9/12/07 9/12/07 9/12/07 9/7/07 9/12/07 9/24/07 9/12/07	4.12E6 4.12E6 4.12E6 2.33E3 4.12E6 5.18E5 4.12E6	668 4,906 4,597 398 482 92	40 59 43 69 13 15	0.000 - 0.300 0.000 - 0.082	0.026 0.017	0.000 0.022	0.300 - 0.451 0.348 - 0.430	0.314 0.374	0.300 0.368	
	Chronic	ARJA6267 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	3/19/09 3/19/09	4.00E6 4.00E6	4,877 370	43 8	0.062 - 2.52	1.25	0.640	NA	NA	NA
		BLMI6862 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	10/3/08 10/3/08	1.83E6 1.83E6	4,881 460	22 14	0.145 - 2.20	1.01	0.498	NA	NA	NA
		JOTO6422 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	7/31/07 7/31/07	2.85E6 2.85E6	4,888 403	21 9	0.246 - 2.43	1.56	1.49	NA	NA	NA
		KNPH3730 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	4/22/09 4/22/09	1.30E6 1.30E6	4,887 383	13 23	0.123 - 2.04	0.929	0.825	NA	NA	NA
		LAST90001 <sup>a</sup>	1a	NA	5' half	1/25/11	2.40E6	4,839	19	0.083 - 1.51	0.730	0.228	NA	NA	NA
		ROMI6847 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	9/2/08 9/2/08	1.44E6 1.44E6	4,902 404	18 9	0.082 - 1.32	0.879	0.946	NA	NA	NA
		SLRO5563 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	9/16/09 9/16/09	1.00E6 1.00E6	4,904 482	29 13	0.245 - 3.31	1.09	0.636	NA	NA	NA
		WEPAS774 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	5/11/09 5/11/09	6.40E6 6.40E6	4,903 467	44 10	0.102 - 3.08	1.71	2.46	NA	NA	NA
		WHRO3882 <sup>a</sup>	1a	NA	5' half	11/2/05	1.46E5	4,899	22	0.123 - 1.01	0.504	0.328	NA	NA	NA
		WIMI4025 <sup>a</sup>	1a	NA	5' half Poly(U/UC)	10/3/08 10/3/08	7.69E6 7.69E6	4,887 502	36 16	0.122 - 3.93	1.32	1.24	NA	NA	NA
		WIMI90003 <sup>a</sup>	1a	NA	5' half	1/25/11	2.08E+06	4,839	28	0.145 - 2.20	1.01	0.498	NA	NA	NA