Table S3

a)

	Tree_length_nt	Weight_2nd_pos	Weight_3rd_pos	Tree_length_aa	TreeComp1_nt	TreeComp2_nt	TreeComp1_aa	TreeComp2_aa	Selection_per_pos	Norm_pwdist_nt	Norm_pwdist_aa
P1	2.689	0.178	0.643	2.209	-0.141	0.013	0.297	0.045	0.287	1.121	2.988
HC-Pro	2.861	0.019	0.898	0.370	-0.202	-0.250	-0.014	-0.055	0.009	1.430	0.451
P3	2.518	0.082	0.772	1.305	-0.098	0.093	0.048	-0.156	0.044	1.431	2.356
6K1	2.825	0.002	0.955	0.161	-0.414	0.109	-0.103	0.041	0.008	1.355	0.386
CI	1.896	0.030	0.906	0.267	0.100	0.009	-0.006	0.031	0.008	0.881	0.388
6K2	2.040	0.050	0.810	0.761	0.137	-0.154	-0.069	-0.020	0.033	1.171	1.534
VPg	1.964	0.047	0.832	0.755	0.136	0.115	-0.041	0.010	0.018	0.991	1.246
NIa-Pro	1.902	0.008	0.903	0.181	0.192	0.014	-0.065	0.019	0.008	0.929	0.318
NIb	1.677	0.032	0.862	0.351	0.160	0.025	-0.016	0.055	0.017	0.732	0.435
CP	0.994	0.061	0.824	0.351	0.129	0.025	-0.032	0.029	0.025	0.463	0.504

b)

	Tree_length_nt	Weight_2nd_pos	Weight_3rd_pos	Tree_length_aa	TreeComp1_nt	TreeComp2_nt	TreeComp1_aa	TreeComp2_aa	Selection_per_pos	Norm_pwdist_nt	Norm_pwdist_aa
E6	41.669	0.145	0.617	39.400	1.958	0.245	2.405	0.025	0.249	1.434	2.267
E7	48.047	0.182	0.525	53.339	-2.311	0.163	-2.848	0.005	0.542	1.058	1.620
E1	30.867	0.135	0.645	31.396	0.030	0.408	0.048	0.535	0.167	0.926	0.874
E2	34.740	0.177	0.510	42.068	0.106	0.342	0.265	0.510	0.262	0.872	1.264
L2	38.391	0.143	0.633	37.141	0.151	-0.889	0.222	-0.975	0.169	1.136	1.194
L1	35.224	0.100	0.747	23.151	0.067	-0.270	-0.092	-0.099	0.068	1.044	0.589