

Supplementary Material:

Supplementary table S1. Positively selected sites for the 5 predominant and all VP7 genotypes. Positive selection (green) or negative selection (red) highlighted per genotype, with identifying method listed. NS= neutral selection.

Codon	G12	G14	G16	G18	G20	All Strains
2	FEL, FUBAR	NS	NS	NS	NS	MEME
3	NS	NS	MEME	MEME	NS	NS
5	NS	NS	NS	NS	NS	FUBAR, MEME
10	NS	NS	FEL, FUBAR	FUBAR	MEME	MEME
14	NS	MEME	NS	MEME	MEME	MEME
20	FUBAR	NS	NS	NS	MEME FEL and FUBAR	MEME
21	FUBAR	FUBAR	NS	FEL, FUBAR	MEME FUBAR	FEL, FUBAR, SLAC
22	FUBAR	FUBAR	FEL, FUBAR, SLAC	NS	MEME	FEL, FUBAR, SLAC
23	NS	FUBAR	NS	NS	NS	SLAC, MEME
39	NS	FUBAR	FEL, FUBAR, SLAC	NS	MEME	FEL, FUBAR
64	FEL, FUBAR	NS	MEME	NS	FEL, FUBAR, SLAC	MEME
65	NS	NS	All	FEL, FUBAR, SLAC	FUBAR	MEME
66	NS	NS	NS	FUBAR	MEME FEL FUBAR and SLAC	FEL, FUBAR, SLAC
83	NS	FEL, FUBAR, SLAC	FEL, FUBAR, SLAC	MEME	FEL, FUBAR, SLAC	FEL, FUBAR, SLAC
151	FUBAR	NS	NS	FEL, FUBAR	MEME	NS
159	NS	FUBAR, SLAC, FEL	MEME	FEL, FUBAR	NS	MEME
178	FUBAR	FUBAR, SLAC, FEL	FUBAR, SLAC	NS	MEME	MEME
180	FEL, FUBAR	NS	MEME	MEME	NS	NS
244	NS	NS	NS	NS	MEME	MEME