

Table S1: Sources of the VP6 sequences used for alignment analysis of conserved negative patch

Rotavirus Group	Strain	Genbank Accension
Group A (subgroup I)	Human rotavirus A/1076	BAA00237
Group A (subgroup II)	Human rotavirus A	CAA41010
Group A (non-subgroup I & II)	Human rotavirus A/CMH185/01	ABY82714
Group B	Human rotavirus group B/India	BAB20454
Group C	Porcine rotavirus/WH-a/2010	AER25319
Group D	Rotavirus D chicken/05V0049/DEU/2005	ADN06428
Group F	Rotavirus F chicken/03V0568/DEU/2003	ADZ44637
Group G	Rotavirus G chicken/03V0567/DEU/2003	ADZ44638