

Table S1. Conserved fragments identified from the major viral capsid protein (VP1) of human-infecting genogroups of norovirus

Genogroup	Conserved fragments ^{a)}
I	MMMASKDAPTS, PLEDVRNVLFHNN, VQFQNGRGT, SLSQLCKIRG, VPCLLPQEFI, DGASGAGQLVPEANTAEP, MDPVAGASTAVATAGQVNMIDPWI, NNFVQAPQGEFTISPNTPGDILFDLQLGPHLNPFL, HLSQMYNGWVGNNMRVRIL, LAGNAFTAGKIIICCVPPGF, TIAQATLFPHVIADVRLTLEPIE, PTMRLVCMPLYTPLRTGG, FVVAGRVLTCPSPDFSFLFLVPP, NLSELDGSPFHPFESPAPVGFDPDLG, GEALLHYVDPDTGRNLGEFKLYPDGF, LPINGVFVFSWVSRFYQLKPVGTAS
II	DGAANLVPE, GEFTVSPRNSPGE, HLARMYNGYAGG, LAGNAFTAGK, IVDVRQLEPV, MRLVAMLYTPLR, PQEWVQHFY, SGDDVFTVSCRVLTRP, FLVPPTVESKTKPFTLP
IV	FRPFGVEGG, PSSDGAGNLVPESQGEVLPLAPVAGAALAAPVVGQTNIIDPWIKENFVQAPQGEFTVSPKNSPGEILVNLELGP, LNPYLDHLSR, MYNAYAGGIEVEIILAGNAFTAGKVLIAAVPPNFPVE, VSASQATQFPHVIVDVRTLEPVRLPLPDVRSNFFHYTT, EPKMRLVIWLYTPLRTNG, SGDDSTVSGRILTRPS, DFEFSFLVPPTVETKT, VQEMSNSRWPAQISGMVVRGNEPQVVQFQNGRCHTDGTLTGTTTTS, GDTDLWLRL, EPDGPYDIFGDQPAPLGTDPF, NEAYVNTTDSDFAPATGNTKI, TASNHNLAAPPVAPRMPGELLLFESDMPVWDDGHGAAPAKIHCLLP, QEFITHFFD, QAPALAEALLRYVHPDS, RVLFECKLYREGYMVVAAP, GRDLFDLGYFRFDSWVSSFYILSPVSGSQGRGRSK
VIII	MRMASSDASSSTDGAANLVPEQGEVLALQPVAGAQAAPVAGQSNIIDPWIRQNFVQAPAGEFTVSPRNPATGEILMDLELGPQLNPYLAHLA, RMYNAYAGGFEVQVLLAGNAFTAGKIIFAAVPPSFPTHNISAAQATQLPHVIVDVRQLEPVRLPLPDVRAFFHFCQEKESRMRIIVAILYTPLR, ANSAGDDAFTVSCRILTRSPDFSFFLIPPSIESKTTQFTLPNLQPSEMTNSRFPTGITQMYTSPNTNLQAQFQNGRCTLDTLQGTTPPTA, ASICSFSGTHSSSEDATDSTQAGSHRIMMQLTENDWTEFSPFNDQAPLGTDPFQAAIFGTLSSQNTNGAGQFSAHFAYFDTQHPTFAPGT, GHAAFSFDATHFAQRQPTQFSPSGIFSDQSSFNQFSLPDYNGSMTAAKKLAPAAAPNFPGEQILYFRSSMPFKNPNGETEIDSLLPQEWITHF, YAQQAPSQGDALLRYINADTGRVMFECKLHRNGFFTISATASTAAIPPNGYFRFDSWVNKFYTLSPMGTGNRRRRARMEL
IX	MRMASSDAPVSGTDGAAGLVPEQGEVLPLEPVAGVQLAAPVAGQSNIIDPWIRMNMFVQAPAGEFTVSPRNPAGEVLIDLELGPENLPYLNHL, ARMYNGYVGGMEVEVVLAGNAFTAGKILFAAVPPSFPTHGISAAQATMLPHVIVDVRQLEPVRLPLPDVRNVMFHFQENKEPRMRIVAILY, TPLRANGAGDDVFTVSCRVLTRSPDFDIFLVPSPVESKTKQFTLPNLQPNEMTNSRFPTGITQLYTSPNTNLVVQFQNGRCLLDGTLTGTT, PVRAADICSFRGVTSTEVDATDSRVAGSHRIMVQLREPDGEEFSPTGPNPAPVGTDPFQAAIFGTLSSQNTNGAGQNSNRAHFAYFYTRNP, TFAPGIGTVVFSFDTTDFQNRQPTKFSPSGVFDDDSSEPFNQFSLPYNGSLGAVDAGKLAPPVAPNYPGEQILYFRGVSVPFKGGYGEGEIDS, LLPQEWITHFYAEQAPTQGDALLRYNPDTGRVLFECKLHREGFITINYTGSNALAVPVNGVFRFEGWVNKFYTLTPMGNGNGRRGRREL

^{a)}Identified using Protein Variability Server (PVS) (<http://imed.med.ucm.es/PVS/>), conserved residue H ≤ 1.0 .