

Molecular Epidemiology of Human Rhinovirus in Children with Acute Respiratory Diseases in Chongqing, China

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Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank

Seq->	CQ1389	CQ1469	CQ1473	CQ2026	CQ2029	CQ3072	CQ3089	CQ3144	CQ3160	CQ3166	CQ3181	CQ3276
MaxValue	0.931	0.926	0.934	0.898	0.977	0.979	0.951	0.835	0.959	0.967	0.946	0.994
HRV-C1(EF077279)	0.751	0.802	0.681	0.741	0.787	0.736	0.756	0.691	0.764	0.837	0.739	0.726
HRV-C2(EF077280)	0.762	0.746	0.724	0.744	0.744	0.729	0.772	0.82	0.772	0.744	0.855	0.807
HRV-C3(EF186077)	0.764	0.774	0.691	0.741	0.764	0.746	0.759	0.706	0.762	0.886	0.751	0.746
HRV-C4(EF582385)	0.749	0.729	0.724	0.759	0.759	0.751	0.731	0.756	0.726	0.726	0.767	0.769
HRV-C5(EF582386)	0.731	0.683	0.865	0.703	0.681	0.729	0.716	0.749	0.724	0.678	0.734	0.724
HRV-C6(EF582387)	0.716	0.779	0.701	0.734	0.782	0.746	0.751	0.718	0.754	0.967	0.762	0.729
HRV-C7(DQ875932)	0.734	0.794	0.708	0.744	0.792	0.724	0.716	0.721	0.726	0.779	0.739	0.729
HRV-C8(GQ223227)	0.749	0.716	0.703	0.789	0.726	0.749	0.802	0.741	0.81	0.739	0.734	0.767
HRV-C9(GQ223228)	0.718	0.721	0.736	0.726	0.741	0.979	0.769	0.744	0.782	0.746	0.756	0.716
HRV-C10(GQ323774)	0.736	0.802	0.686	0.736	0.762	0.731	0.749	0.706	0.749	0.837	0.749	0.754
HRV-C11(EU840952)	0.701	0.686	0.934	0.691	0.711	0.726	0.718	0.708	0.721	0.693	0.711	0.716
HRV-C12(EF077264)	0.769	0.718	0.718	0.777	0.756	0.754	0.835	0.729	0.845	0.734	0.706	0.736
HRV-C13(EU081795)	0.708	0.784	0.693	0.749	0.779	0.724	0.711	0.731	0.716	0.789	0.741	0.721
HRV-C14(EU081796)	0.769	0.721	0.751	0.759	0.731	0.754	0.769	0.787	0.779	0.721	0.784	0.782
HRV-C15(GU219984)	0.81	0.698	0.703	0.762	0.731	0.746	0.729	0.762	0.741	0.731	0.764	0.754
HRV-C16(EU081808)	0.764	0.731	0.691	0.898	0.764	0.734	0.789	0.749	0.787	0.741	0.729	0.741
HRV-C17(EU081809)	0.769	0.701	0.711	0.875	0.759	0.736	0.792	0.736	0.792	0.759	0.731	0.739
HRV-C18(EU590074)	0.731	0.759	0.673	0.789	0.734	0.762	0.764	0.744	0.782	0.734	0.731	0.762
HRV-C19(EU697850)	0.736	0.736	0.688	0.746	0.724	0.746	0.734	0.754	0.744	0.716	0.746	0.769
HRV-C20(EU697851)	0.711	0.696	0.805	0.703	0.686	0.744	0.708	0.726	0.716	0.713	0.731	0.724
HRV-C21(EU752377)	0.721	0.817	0.706	0.721	0.8	0.751	0.713	0.718	0.718	0.787	0.734	0.749
HRV-C22(EU752381)	0.718	0.792	0.711	0.729	0.759	0.756	0.751	0.713	0.754	0.81	0.749	0.741
HRV-C23(EU752424)	0.931	0.703	0.703	0.751	0.741	0.729	0.744	0.751	0.744	0.724	0.749	0.769
HRV-C24(EU752426)	0.756	0.703	0.741	0.787	0.762	0.731	0.759	0.777	0.774	0.736	0.774	0.802
HRV-C25(JF317013)	0.784	0.721	0.706	0.751	0.724	0.721	0.772	0.772	0.769	0.744	0.754	0.994

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ1389	CQ1469	CQ1473	CQ2026	CQ2029	CQ3072	CQ3089	CQ3144	CQ3160	CQ3166	CQ3181	CQ3276
HRV-C26(EU752441)	0.716	0.711	0.708	0.706	0.739	0.749	0.741	0.736	0.759	0.734	0.731	0.741
HRV-C27(GQ223122)	0.718	0.711	0.848	0.686	0.708	0.713	0.686	0.741	0.678	0.703	0.756	0.708
HRV-C28(GQ223134)	0.759	0.769	0.708	0.794	0.739	0.767	0.779	0.731	0.794	0.741	0.746	0.762
HRV-C29(FJ615699)	0.713	0.683	0.802	0.683	0.675	0.734	0.698	0.729	0.708	0.688	0.731	0.718
HRV-C30(GQ476669)	0.8	0.741	0.696	0.749	0.754	0.731	0.746	0.754	0.756	0.751	0.767	0.774
HRV-C31(GU294380)	0.759	0.726	0.691	0.774	0.731	0.754	0.769	0.729	0.779	0.754	0.734	0.746
HRV-C32(GU294466)	0.721	0.805	0.713	0.767	0.977	0.749	0.749	0.724	0.754	0.769	0.769	0.724
HRV-C33(GU294480)	0.736	0.691	0.696	0.706	0.698	0.718	0.718	0.756	0.721	0.698	0.739	0.734
HRV-C34(JF519759)	0.708	0.681	0.802	0.693	0.681	0.751	0.726	0.718	0.724	0.721	0.708	0.739
HRV-C35(JF436925)	0.744	0.726	0.734	0.756	0.726	0.746	0.744	0.835	0.751	0.708	0.782	0.751
HRV-C36(EF077256)	0.729	0.736	0.713	0.706	0.724	0.772	0.739	0.736	0.739	0.746	0.779	0.739
HRV-C37(EF077260)	0.713	0.744	0.703	0.729	0.741	0.764	0.731	0.774	0.734	0.749	0.749	0.749
HRV-C38(GU294477)	0.718	0.686	0.878	0.693	0.716	0.721	0.726	0.739	0.718	0.693	0.726	0.716
HRV-C39(JN205461)	0.731	0.777	0.718	0.746	0.901	0.749	0.749	0.724	0.749	0.784	0.756	0.754
HRV-C40(EU081802)	0.741	0.746	0.731	0.754	0.756	0.751	0.782	0.784	0.782	0.762	0.946	0.779
HRV-C41(EU081803)	0.789	0.734	0.696	0.784	0.759	0.726	0.769	0.744	0.777	0.731	0.767	0.782
HRV-C42(EU081805)	0.779	0.721	0.698	0.779	0.767	0.777	0.825	0.749	0.822	0.777	0.756	0.734
HRV-C43(EU081807)	0.713	0.926	0.686	0.713	0.789	0.736	0.736	0.713	0.744	0.784	0.756	0.726
HRV-C44(EU590061)	0.751	0.716	0.736	0.792	0.754	0.8	0.951	0.751	0.959	0.774	0.774	0.772
HRV-C45(EU590064)	0.703	0.693	0.81	0.668	0.675	0.729	0.698	0.731	0.701	0.696	0.744	0.731
HRV-C46(FJ869950)	0.756	0.706	0.724	0.736	0.744	0.777	0.772	0.751	0.769	0.739	0.772	0.744
HRV-C47(JF519761)	0.749	0.718	0.731	0.769	0.726	0.731	0.772	0.789	0.769	0.729	0.825	0.8
HRV-C48(JF519763)	0.746	0.731	0.721	0.729	0.734	0.769	0.762	0.787	0.769	0.726	0.8	0.769
HRV-C49(JF946737)	0.751	0.736	0.739	0.746	0.751	0.749	0.759	0.756	0.749	0.746	0.789	0.792
HRV-C50(FJ841957)	0.769	0.721	0.736	0.762	0.739	0.759	0.769	0.779	0.767	0.746	0.762	0.774
HRV-C51(JF317015)	0.729	0.746	0.716	0.703	0.726	0.764	0.744	0.772	0.739	0.724	0.751	0.762

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ3622	CQ3643	CQ4193	CQ4197	CQ4207	CQ4216	CQ4226	CQ4234	CQ4244	CQ4245	CQ4257	CQ4260
MaxValue	0.939	0.936	0.934	0.906	0.926	0.944	0.939	0.939	0.944	0.835	0.906	0.845
HRV-C1(EF077279)	0.794	0.772	0.774	0.703	0.734	0.739	0.858	0.858	0.739	0.693	0.708	0.756
HRV-C2(EF077280)	0.739	0.749	0.751	0.746	0.779	0.855	0.734	0.734	0.855	0.807	0.746	0.708
HRV-C3(EF186077)	0.769	0.746	0.749	0.688	0.736	0.751	0.893	0.893	0.751	0.701	0.691	0.718
HRV-C4(EF582385)	0.739	0.741	0.739	0.721	0.756	0.767	0.729	0.729	0.767	0.762	0.724	0.686
HRV-C5(EF582386)	0.693	0.688	0.686	0.843	0.754	0.731	0.681	0.681	0.731	0.741	0.843	0.658
HRV-C6(EF582387)	0.779	0.726	0.724	0.708	0.724	0.754	0.939	0.939	0.754	0.721	0.706	0.736
HRV-C7(DQ875932)	0.812	0.762	0.759	0.686	0.754	0.739	0.792	0.792	0.739	0.711	0.683	0.759
HRV-C8(GQ223227)	0.736	0.767	0.764	0.708	0.759	0.734	0.751	0.751	0.734	0.736	0.706	0.686
HRV-C9(GQ223228)	0.739	0.718	0.716	0.736	0.741	0.762	0.756	0.756	0.762	0.739	0.734	0.673
HRV-C10(GQ323774)	0.764	0.746	0.749	0.691	0.726	0.751	0.85	0.85	0.751	0.698	0.691	0.746
HRV-C11(EU840952)	0.718	0.675	0.673	0.835	0.736	0.706	0.686	0.686	0.706	0.711	0.83	0.645
HRV-C12(EF077264)	0.774	0.762	0.759	0.683	0.746	0.711	0.724	0.724	0.711	0.734	0.678	0.67
HRV-C13(EU081795)	0.782	0.729	0.731	0.668	0.718	0.744	0.794	0.794	0.744	0.729	0.668	0.734
HRV-C14(EU081796)	0.741	0.784	0.782	0.741	0.777	0.784	0.731	0.731	0.784	0.777	0.739	0.683
HRV-C15(GU219984)	0.724	0.805	0.802	0.726	0.797	0.772	0.736	0.736	0.772	0.759	0.729	0.655
HRV-C16(EU081808)	0.782	0.764	0.767	0.683	0.762	0.731	0.744	0.744	0.731	0.751	0.683	0.678
HRV-C17(EU081809)	0.756	0.746	0.749	0.708	0.759	0.734	0.762	0.762	0.734	0.739	0.703	0.65
HRV-C18(EU590074)	0.739	0.751	0.749	0.706	0.774	0.731	0.734	0.734	0.731	0.751	0.703	0.703
HRV-C19(EU697850)	0.721	0.769	0.767	0.716	0.789	0.754	0.718	0.718	0.754	0.751	0.718	0.691
HRV-C20(EU697851)	0.683	0.696	0.698	0.807	0.731	0.739	0.729	0.729	0.739	0.736	0.807	0.65
HRV-C21(EU752377)	0.81	0.736	0.739	0.711	0.749	0.739	0.784	0.784	0.739	0.713	0.713	0.769
HRV-C22(EU752381)	0.764	0.744	0.741	0.718	0.731	0.754	0.805	0.805	0.754	0.711	0.721	0.749
HRV-C23(EU752424)	0.754	0.789	0.787	0.698	0.784	0.744	0.726	0.726	0.744	0.746	0.698	0.655
HRV-C24(EU752426)	0.754	0.764	0.762	0.729	0.926	0.782	0.754	0.754	0.782	0.769	0.729	0.653
HRV-C25(JF317013)	0.724	0.769	0.772	0.724	0.82	0.769	0.726	0.726	0.769	0.772	0.724	0.683

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ3622	CQ3643	CQ4193	CQ4197	CQ4207	CQ4216	CQ4226	CQ4234	CQ4244	CQ4245	CQ4257	CQ4260
HRV-C26(EU752441)	0.749	0.713	0.716	0.696	0.726	0.734	0.741	0.741	0.734	0.734	0.693	0.66
HRV-C27(GQ223122)	0.686	0.678	0.675	0.906	0.739	0.756	0.693	0.693	0.756	0.734	0.906	0.668
HRV-C28(GQ223134)	0.741	0.777	0.774	0.716	0.777	0.749	0.744	0.744	0.749	0.729	0.718	0.721
HRV-C29(FJ615699)	0.681	0.686	0.688	0.82	0.721	0.736	0.693	0.693	0.736	0.726	0.815	0.643
HRV-C30(GQ476669)	0.749	0.86	0.858	0.698	0.787	0.751	0.736	0.736	0.751	0.746	0.696	0.691
HRV-C31(GU294380)	0.741	0.746	0.744	0.696	0.762	0.739	0.751	0.751	0.739	0.729	0.698	0.698
HRV-C32(GU294466)	0.939	0.759	0.756	0.726	0.764	0.767	0.759	0.759	0.767	0.718	0.721	0.756
HRV-C33(GU294480)	0.696	0.711	0.713	0.706	0.746	0.749	0.698	0.698	0.749	0.751	0.703	0.64
HRV-C34(JF519759)	0.686	0.693	0.691	0.8	0.716	0.708	0.716	0.716	0.708	0.726	0.794	0.632
HRV-C35(JF436925)	0.729	0.739	0.741	0.734	0.762	0.787	0.708	0.708	0.787	0.835	0.731	0.698
HRV-C36(EF077256)	0.711	0.726	0.729	0.711	0.756	0.789	0.741	0.741	0.789	0.741	0.713	0.686
HRV-C37(EF077260)	0.731	0.731	0.729	0.716	0.724	0.751	0.741	0.741	0.751	0.762	0.713	0.683
HRV-C38(GU294477)	0.716	0.675	0.678	0.85	0.736	0.734	0.701	0.701	0.734	0.731	0.845	0.653
HRV-C39(JN205461)	0.896	0.746	0.744	0.716	0.759	0.754	0.767	0.767	0.754	0.718	0.711	0.739
HRV-C40(EU081802)	0.736	0.756	0.754	0.774	0.777	0.944	0.746	0.746	0.944	0.787	0.772	0.681
HRV-C41(EU081803)	0.756	0.936	0.934	0.696	0.787	0.759	0.721	0.721	0.759	0.731	0.696	0.688
HRV-C42(EU081805)	0.767	0.759	0.756	0.701	0.767	0.756	0.769	0.769	0.756	0.736	0.698	0.665
HRV-C43(EU081807)	0.8	0.734	0.731	0.711	0.729	0.754	0.792	0.792	0.754	0.716	0.716	0.845
HRV-C44(EU590061)	0.764	0.767	0.764	0.746	0.777	0.782	0.772	0.772	0.782	0.746	0.741	0.658
HRV-C45(EU590064)	0.673	0.678	0.681	0.835	0.729	0.751	0.701	0.701	0.751	0.729	0.835	0.637
HRV-C46(FJ869950)	0.726	0.751	0.749	0.756	0.759	0.774	0.734	0.734	0.774	0.749	0.759	0.668
HRV-C47(JF519761)	0.721	0.762	0.764	0.739	0.8	0.827	0.721	0.721	0.827	0.789	0.734	0.675
HRV-C48(JF519763)	0.736	0.759	0.762	0.724	0.756	0.8	0.739	0.739	0.8	0.787	0.721	0.678
HRV-C49(JF946737)	0.751	0.767	0.769	0.736	0.764	0.789	0.741	0.741	0.789	0.756	0.734	0.688
HRV-C50(FJ841957)	0.744	0.756	0.759	0.744	0.782	0.769	0.739	0.739	0.769	0.764	0.739	0.681
HRV-C51(JF317015)	0.731	0.746	0.749	0.729	0.759	0.756	0.741	0.741	0.756	0.772	0.724	0.688

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ4271	CQ4284	CQ4287	CQ4290	CQ4565	CQ4567	CQ4580	CQ4599	CQ4847	CQ4886	CQ4936	CQ5101
MaxValue	0.962	0.901	0.936	0.777	0.931	0.911	0.931	0.964	0.951	0.972	0.944	0.911
HRV-C1(EF077279)	0.767	0.718	0.739	0.734	0.731	0.731	0.731	0.964	0.756	0.741	0.739	0.731
HRV-C2(EF077280)	0.779	0.713	0.726	0.777	0.777	0.911	0.777	0.729	0.772	0.751	0.855	0.911
HRV-C3(EF186077)	0.769	0.762	0.782	0.721	0.739	0.739	0.739	0.843	0.759	0.731	0.751	0.739
HRV-C4(EF582385)	0.739	0.731	0.749	0.736	0.751	0.754	0.751	0.734	0.731	0.789	0.767	0.754
HRV-C5(EF582386)	0.724	0.683	0.698	0.696	0.744	0.744	0.744	0.708	0.716	0.734	0.731	0.744
HRV-C6(EF582387)	0.762	0.731	0.749	0.711	0.721	0.716	0.721	0.84	0.751	0.721	0.754	0.716
HRV-C7(DQ875932)	0.724	0.734	0.749	0.721	0.751	0.769	0.751	0.802	0.716	0.726	0.739	0.769
HRV-C8(GQ223227)	0.812	0.777	0.797	0.731	0.759	0.762	0.759	0.734	0.802	0.739	0.734	0.762
HRV-C9(GQ223228)	0.777	0.731	0.751	0.772	0.746	0.726	0.746	0.726	0.769	0.762	0.762	0.726
HRV-C10(GQ323774)	0.759	0.729	0.749	0.736	0.718	0.726	0.718	0.858	0.749	0.718	0.751	0.726
HRV-C11(EU840952)	0.726	0.683	0.693	0.688	0.731	0.716	0.731	0.683	0.718	0.713	0.706	0.716
HRV-C12(EF077264)	0.845	0.762	0.782	0.739	0.749	0.741	0.749	0.749	0.835	0.729	0.711	0.741
HRV-C13(EU081795)	0.721	0.711	0.726	0.713	0.721	0.739	0.721	0.797	0.711	0.731	0.744	0.739
HRV-C14(EU081796)	0.777	0.726	0.734	0.736	0.774	0.802	0.774	0.724	0.769	0.787	0.784	0.802
HRV-C15(GU219984)	0.739	0.751	0.782	0.741	0.792	0.739	0.792	0.726	0.729	0.782	0.772	0.739
HRV-C16(EU081808)	0.794	0.774	0.782	0.716	0.764	0.746	0.764	0.769	0.789	0.756	0.731	0.746
HRV-C17(EU081809)	0.802	0.797	0.82	0.718	0.751	0.724	0.751	0.751	0.792	0.762	0.734	0.724
HRV-C18(EU590074)	0.774	0.789	0.81	0.724	0.779	0.741	0.779	0.744	0.764	0.769	0.731	0.741
HRV-C19(EU697850)	0.744	0.731	0.746	0.741	0.782	0.762	0.782	0.731	0.734	0.972	0.754	0.762
HRV-C20(EU697851)	0.716	0.696	0.711	0.718	0.724	0.718	0.724	0.703	0.708	0.726	0.739	0.718
HRV-C21(EU752377)	0.721	0.724	0.741	0.716	0.741	0.749	0.741	0.794	0.713	0.726	0.739	0.749
HRV-C22(EU752381)	0.759	0.731	0.749	0.708	0.724	0.741	0.724	0.81	0.751	0.734	0.754	0.741
HRV-C23(EU752424)	0.749	0.746	0.762	0.724	0.774	0.751	0.774	0.731	0.744	0.749	0.744	0.751
HRV-C24(EU752426)	0.769	0.759	0.782	0.734	0.931	0.784	0.931	0.724	0.759	0.784	0.782	0.784
HRV-C25(JF317013)	0.782	0.729	0.759	0.751	0.817	0.787	0.817	0.729	0.772	0.779	0.769	0.787

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ4271	CQ4284	CQ4287	CQ4290	CQ4565	CQ4567	CQ4580	CQ4599	CQ4847	CQ4886	CQ4936	CQ5101
HRV-C26(EU752441)	0.749	0.703	0.731	0.756	0.734	0.739	0.734	0.736	0.741	0.741	0.734	0.739
HRV-C27(GQ223122)	0.691	0.681	0.693	0.688	0.724	0.718	0.724	0.691	0.686	0.726	0.756	0.718
HRV-C28(GQ223134)	0.789	0.81	0.825	0.731	0.787	0.749	0.787	0.756	0.779	0.764	0.749	0.749
HRV-C29(FJ615699)	0.706	0.688	0.721	0.698	0.713	0.739	0.713	0.698	0.698	0.721	0.736	0.739
HRV-C30(GQ476669)	0.756	0.713	0.731	0.746	0.774	0.751	0.774	0.746	0.746	0.751	0.751	0.751
HRV-C31(GU294380)	0.779	0.901	0.936	0.693	0.767	0.744	0.767	0.734	0.769	0.756	0.739	0.744
HRV-C32(GU294466)	0.759	0.729	0.741	0.734	0.762	0.754	0.762	0.789	0.749	0.744	0.767	0.754
HRV-C33(GU294480)	0.726	0.686	0.701	0.718	0.731	0.739	0.731	0.701	0.718	0.716	0.749	0.739
HRV-C34(JF519759)	0.734	0.67	0.688	0.698	0.711	0.718	0.711	0.691	0.726	0.721	0.708	0.718
HRV-C35(JF436925)	0.751	0.734	0.754	0.756	0.769	0.784	0.769	0.718	0.744	0.789	0.787	0.784
HRV-C36(EF077256)	0.749	0.711	0.734	0.764	0.744	0.764	0.744	0.721	0.739	0.762	0.789	0.764
HRV-C37(EF077260)	0.741	0.703	0.734	0.746	0.721	0.751	0.721	0.718	0.731	0.767	0.751	0.751
HRV-C38(GU294477)	0.734	0.706	0.721	0.713	0.731	0.746	0.731	0.708	0.726	0.713	0.734	0.746
HRV-C39(JN205461)	0.759	0.731	0.744	0.708	0.751	0.729	0.751	0.8	0.749	0.739	0.754	0.729
HRV-C40(EU081802)	0.789	0.718	0.739	0.759	0.779	0.848	0.779	0.744	0.782	0.769	0.944	0.848
HRV-C41(EU081803)	0.779	0.744	0.756	0.734	0.784	0.749	0.784	0.739	0.769	0.784	0.759	0.749
HRV-C42(EU081805)	0.835	0.779	0.8	0.724	0.764	0.769	0.764	0.774	0.825	0.756	0.756	0.769
HRV-C43(EU081807)	0.746	0.729	0.734	0.724	0.731	0.746	0.731	0.812	0.736	0.746	0.754	0.746
HRV-C44(EU590061)	0.962	0.782	0.805	0.756	0.779	0.774	0.779	0.759	0.951	0.779	0.782	0.774
HRV-C45(EU590064)	0.706	0.686	0.706	0.706	0.726	0.751	0.726	0.696	0.698	0.724	0.751	0.751
HRV-C46(FJ869950)	0.782	0.746	0.772	0.759	0.762	0.759	0.762	0.734	0.772	0.784	0.774	0.759
HRV-C47(JF519761)	0.779	0.729	0.741	0.767	0.8	0.792	0.8	0.726	0.772	0.777	0.827	0.792
HRV-C48(JF519763)	0.769	0.724	0.739	0.749	0.767	0.769	0.767	0.724	0.762	0.754	0.8	0.769
HRV-C49(JF946737)	0.767	0.734	0.754	0.744	0.754	0.754	0.754	0.739	0.759	0.8	0.789	0.754
HRV-C50(FJ841957)	0.779	0.729	0.749	0.729	0.777	0.772	0.777	0.746	0.769	0.779	0.769	0.772
HRV-C51(JF317015)	0.754	0.724	0.754	0.759	0.754	0.749	0.754	0.736	0.744	0.744	0.756	0.749

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5102	CQ5131	CQ5160	CQ5168	CQ5177	CQ5199	CQ5201	CQ5289	CQ5539	CQ5596	CQ5606	CQ5612	CQ5632	CQ5641
MaxValue	0.911	0.969	0.911	0.974	0.911	0.987	0.913	0.977	0.911	0.962	0.959	0.908	0.913	0.888
HRV-C1(EF077279)	0.731	0.724	0.731	0.736	0.731	0.729	0.812	0.734	0.731	0.718	0.959	0.726	0.731	0.721
HRV-C2(EF077280)	0.911	0.749	0.911	0.762	0.911	0.754	0.736	0.762	0.911	0.962	0.739	0.908	0.913	0.888
HRV-C3(EF186077)	0.739	0.731	0.739	0.746	0.739	0.739	0.774	0.749	0.736	0.726	0.853	0.734	0.736	0.724
HRV-C4(EF582385)	0.754	0.754	0.754	0.767	0.754	0.756	0.729	0.764	0.754	0.769	0.734	0.759	0.751	0.741
HRV-C5(EF582386)	0.744	0.736	0.744	0.749	0.744	0.718	0.686	0.746	0.739	0.736	0.693	0.741	0.741	0.726
HRV-C6(EF582387)	0.716	0.736	0.716	0.736	0.716	0.721	0.789	0.739	0.713	0.734	0.845	0.711	0.713	0.698
HRV-C7(DQ875932)	0.769	0.711	0.769	0.716	0.769	0.718	0.81	0.716	0.767	0.739	0.81	0.764	0.767	0.751
HRV-C8(GQ223227)	0.762	0.746	0.762	0.751	0.762	0.756	0.708	0.749	0.764	0.759	0.744	0.759	0.762	0.741
HRV-C9(GQ223228)	0.726	0.774	0.726	0.777	0.726	0.751	0.721	0.779	0.729	0.734	0.731	0.729	0.726	0.716
HRV-C10(GQ323774)	0.726	0.716	0.726	0.731	0.726	0.716	0.802	0.734	0.726	0.729	0.863	0.726	0.726	0.711
HRV-C11(EU840952)	0.716	0.721	0.716	0.729	0.716	0.708	0.691	0.731	0.711	0.708	0.673	0.713	0.713	0.706
HRV-C12(EF077264)	0.741	0.756	0.741	0.756	0.741	0.751	0.726	0.756	0.744	0.721	0.746	0.746	0.741	0.726
HRV-C13(EU081795)	0.739	0.718	0.739	0.711	0.739	0.729	0.792	0.711	0.736	0.749	0.802	0.741	0.736	0.721
HRV-C14(EU081796)	0.802	0.789	0.802	0.792	0.802	0.756	0.729	0.792	0.8	0.812	0.726	0.794	0.802	0.787
HRV-C15(GU219984)	0.739	0.736	0.739	0.751	0.739	0.987	0.701	0.751	0.739	0.759	0.726	0.739	0.736	0.718
HRV-C16(EU081808)	0.746	0.754	0.746	0.754	0.746	0.756	0.726	0.756	0.741	0.741	0.774	0.744	0.744	0.736
HRV-C17(EU081809)	0.724	0.751	0.724	0.759	0.724	0.779	0.701	0.756	0.724	0.729	0.756	0.726	0.721	0.706
HRV-C18(EU590074)	0.741	0.739	0.741	0.746	0.741	0.767	0.754	0.746	0.741	0.741	0.751	0.739	0.741	0.726
HRV-C19(EU697850)	0.762	0.764	0.762	0.782	0.762	0.779	0.741	0.779	0.762	0.764	0.713	0.759	0.759	0.736
HRV-C20(EU697851)	0.718	0.746	0.718	0.739	0.718	0.711	0.698	0.741	0.721	0.724	0.706	0.726	0.718	0.718
HRV-C21(EU752377)	0.749	0.693	0.749	0.711	0.749	0.729	0.815	0.711	0.746	0.739	0.802	0.744	0.746	0.729
HRV-C22(EU752381)	0.741	0.726	0.741	0.741	0.741	0.736	0.794	0.741	0.739	0.764	0.802	0.741	0.739	0.724
HRV-C23(EU752424)	0.751	0.754	0.751	0.769	0.751	0.8	0.701	0.769	0.754	0.754	0.716	0.762	0.751	0.746
HRV-C24(EU752426)	0.784	0.749	0.784	0.751	0.784	0.789	0.708	0.754	0.782	0.777	0.726	0.789	0.782	0.764
HRV-C25(JF317013)	0.787	0.744	0.787	0.754	0.787	0.759	0.724	0.754	0.784	0.787	0.739	0.782	0.787	0.762

Supplementary Table S1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5102	CQ5131	CQ5160	CQ5168	CQ5177	CQ5199	CQ5201	CQ5289	CQ5539	CQ5596	CQ5606	CQ5612	CQ5632	CQ5641
HRV-C26(EU752441)	0.739	0.762	0.739	0.772	0.739	0.724	0.713	0.772	0.736	0.736	0.739	0.734	0.739	0.716
HRV-C27(GQ223122)	0.718	0.729	0.718	0.729	0.718	0.718	0.713	0.731	0.718	0.721	0.673	0.721	0.716	0.706
HRV-C28(GQ223134)	0.749	0.731	0.749	0.749	0.749	0.746	0.769	0.749	0.749	0.759	0.756	0.746	0.749	0.744
HRV-C29(FJ615699)	0.739	0.741	0.739	0.731	0.739	0.711	0.691	0.734	0.741	0.724	0.698	0.749	0.739	0.726
HRV-C30(GQ476669)	0.751	0.729	0.751	0.744	0.751	0.772	0.741	0.744	0.749	0.744	0.741	0.749	0.751	0.741
HRV-C31(GU294380)	0.744	0.751	0.744	0.764	0.744	0.767	0.739	0.764	0.744	0.734	0.734	0.741	0.741	0.724
HRV-C32(GU294466)	0.754	0.734	0.754	0.736	0.754	0.726	0.812	0.739	0.751	0.751	0.8	0.751	0.751	0.739
HRV-C33(GU294480)	0.739	0.711	0.739	0.711	0.739	0.724	0.698	0.708	0.734	0.749	0.701	0.734	0.736	0.724
HRV-C34(JF519759)	0.718	0.741	0.718	0.744	0.718	0.713	0.683	0.746	0.721	0.713	0.693	0.726	0.718	0.706
HRV-C35(JF436925)	0.784	0.756	0.784	0.754	0.784	0.777	0.734	0.754	0.779	0.769	0.711	0.782	0.782	0.777
HRV-C36(EF077256)	0.764	0.797	0.764	0.805	0.764	0.741	0.744	0.805	0.764	0.784	0.718	0.762	0.762	0.751
HRV-C37(EF077260)	0.751	0.789	0.751	0.797	0.751	0.729	0.741	0.797	0.754	0.751	0.726	0.751	0.751	0.734
HRV-C38(GU294477)	0.746	0.729	0.746	0.741	0.746	0.698	0.698	0.739	0.746	0.726	0.698	0.749	0.744	0.736
HRV-C39(JN205461)	0.729	0.729	0.729	0.739	0.729	0.736	0.789	0.741	0.726	0.736	0.8	0.726	0.726	0.708
HRV-C40(EU081802)	0.848	0.756	0.848	0.767	0.848	0.782	0.741	0.769	0.843	0.86	0.736	0.843	0.845	0.832
HRV-C41(EU081803)	0.749	0.749	0.749	0.751	0.749	0.789	0.741	0.751	0.746	0.749	0.739	0.744	0.749	0.731
HRV-C42(EU081805)	0.769	0.751	0.769	0.756	0.769	0.779	0.724	0.759	0.769	0.746	0.777	0.772	0.767	0.746
HRV-C43(EU081807)	0.746	0.718	0.746	0.729	0.746	0.698	0.913	0.729	0.746	0.754	0.822	0.741	0.746	0.729
HRV-C44(EU590061)	0.774	0.782	0.774	0.787	0.774	0.754	0.713	0.789	0.777	0.762	0.762	0.774	0.774	0.744
HRV-C45(EU590064)	0.751	0.721	0.751	0.729	0.751	0.691	0.686	0.731	0.751	0.739	0.696	0.759	0.749	0.739
HRV-C46(FJ869950)	0.759	0.969	0.759	0.974	0.759	0.759	0.708	0.977	0.762	0.769	0.729	0.759	0.759	0.739
HRV-C47(JF519761)	0.792	0.759	0.792	0.767	0.792	0.754	0.713	0.767	0.797	0.807	0.729	0.794	0.794	0.784
HRV-C48(JF519763)	0.769	0.767	0.769	0.759	0.769	0.749	0.724	0.762	0.767	0.782	0.718	0.762	0.769	0.767
HRV-C49(JF946737)	0.754	0.762	0.754	0.767	0.754	0.756	0.726	0.769	0.749	0.772	0.744	0.749	0.751	0.741
HRV-C50(FJ841957)	0.772	0.762	0.772	0.769	0.772	0.741	0.729	0.769	0.777	0.754	0.751	0.779	0.774	0.759
HRV-C51(JF317015)	0.749	0.779	0.749	0.774	0.749	0.716	0.744	0.774	0.754	0.754	0.749	0.754	0.751	0.744

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5653	CQ5665	CQ5667	CQ5677	CQ5678	CQ5681	CQ5698	CQ5709	CQ5710	CQ5716	CQ5723	CQ5731
MaxValue	0.908	0.908	0.956	0.979	0.967	0.967	0.908	0.913	0.913	0.962	0.962	0.967
HRV-C1(EF077279)	0.729	0.729	0.721	0.701	0.967	0.721	0.729	0.726	0.731	0.769	0.962	0.721
HRV-C2(EF077280)	0.908	0.908	0.956	0.741	0.726	0.967	0.908	0.913	0.913	0.734	0.734	0.967
HRV-C3(EF186077)	0.739	0.739	0.724	0.696	0.848	0.729	0.739	0.731	0.736	0.751	0.845	0.729
HRV-C4(EF582385)	0.756	0.756	0.769	0.746	0.736	0.764	0.756	0.746	0.751	0.749	0.734	0.764
HRV-C5(EF582386)	0.736	0.736	0.736	0.891	0.696	0.741	0.736	0.739	0.741	0.693	0.703	0.741
HRV-C6(EF582387)	0.716	0.716	0.736	0.696	0.835	0.729	0.716	0.708	0.713	0.741	0.837	0.729
HRV-C7(DQ875932)	0.764	0.764	0.741	0.691	0.805	0.734	0.764	0.762	0.767	0.754	0.807	0.734
HRV-C8(GQ223227)	0.762	0.762	0.759	0.701	0.731	0.759	0.762	0.764	0.762	0.721	0.736	0.759
HRV-C9(GQ223228)	0.731	0.731	0.731	0.736	0.729	0.734	0.731	0.718	0.726	0.751	0.731	0.734
HRV-C10(GQ323774)	0.724	0.724	0.726	0.683	0.858	0.734	0.724	0.721	0.726	0.774	0.863	0.734
HRV-C11(EU840952)	0.713	0.713	0.711	0.893	0.681	0.708	0.713	0.716	0.713	0.693	0.683	0.708
HRV-C12(EF077264)	0.746	0.746	0.718	0.721	0.756	0.721	0.746	0.741	0.741	0.749	0.756	0.721
HRV-C13(EU081795)	0.734	0.734	0.751	0.688	0.805	0.749	0.734	0.729	0.736	0.741	0.802	0.749
HRV-C14(EU081796)	0.797	0.797	0.815	0.718	0.718	0.81	0.797	0.792	0.802	0.777	0.729	0.81
HRV-C15(GU219984)	0.741	0.741	0.754	0.713	0.718	0.751	0.741	0.734	0.736	0.777	0.718	0.751
HRV-C16(EU081808)	0.744	0.744	0.744	0.696	0.777	0.744	0.744	0.736	0.744	0.744	0.774	0.744
HRV-C17(EU081809)	0.726	0.726	0.726	0.706	0.749	0.731	0.726	0.724	0.721	0.734	0.751	0.731
HRV-C18(EU590074)	0.744	0.744	0.736	0.696	0.744	0.739	0.744	0.736	0.741	0.759	0.749	0.739
HRV-C19(EU697850)	0.759	0.759	0.759	0.718	0.713	0.762	0.759	0.751	0.759	0.751	0.718	0.762
HRV-C20(EU697851)	0.718	0.718	0.724	0.784	0.701	0.726	0.718	0.718	0.718	0.701	0.706	0.726
HRV-C21(EU752377)	0.749	0.749	0.736	0.691	0.792	0.739	0.749	0.741	0.746	0.746	0.794	0.739
HRV-C22(EU752381)	0.741	0.741	0.759	0.716	0.805	0.759	0.741	0.734	0.739	0.739	0.802	0.759
HRV-C23(EU752424)	0.751	0.751	0.756	0.716	0.729	0.754	0.751	0.746	0.751	0.789	0.726	0.754
HRV-C24(EU752426)	0.779	0.779	0.774	0.744	0.724	0.767	0.779	0.772	0.782	0.792	0.726	0.767
HRV-C25(JF317013)	0.787	0.787	0.784	0.708	0.741	0.789	0.787	0.782	0.787	0.794	0.741	0.789

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5653	CQ5665	CQ5667	CQ5677	CQ5678	CQ5681	CQ5698	CQ5709	CQ5710	CQ5716	CQ5723	CQ5731
HRV-C26(EU752441)	0.734	0.734	0.734	0.696	0.741	0.739	0.734	0.736	0.739	0.741	0.741	0.739
HRV-C27(GQ223122)	0.721	0.721	0.724	0.865	0.673	0.724	0.721	0.718	0.716	0.701	0.681	0.724
HRV-C28(GQ223134)	0.751	0.751	0.756	0.718	0.749	0.754	0.751	0.744	0.749	0.749	0.749	0.754
HRV-C29(FJ615699)	0.739	0.739	0.718	0.802	0.701	0.734	0.739	0.731	0.739	0.696	0.706	0.734
HRV-C30(GQ476669)	0.746	0.746	0.746	0.688	0.744	0.736	0.746	0.749	0.751	0.962	0.746	0.736
HRV-C31(GU294380)	0.746	0.746	0.729	0.698	0.731	0.729	0.746	0.736	0.741	0.731	0.734	0.729
HRV-C32(GU294466)	0.754	0.754	0.754	0.724	0.792	0.741	0.754	0.746	0.751	0.749	0.794	0.741
HRV-C33(GU294480)	0.731	0.731	0.751	0.724	0.703	0.754	0.731	0.729	0.736	0.724	0.706	0.754
HRV-C34(JF519759)	0.718	0.718	0.708	0.797	0.693	0.716	0.718	0.713	0.718	0.691	0.693	0.716
HRV-C35(JF436925)	0.782	0.782	0.769	0.741	0.703	0.769	0.782	0.777	0.782	0.739	0.711	0.769
HRV-C36(EF077256)	0.767	0.767	0.782	0.721	0.713	0.784	0.767	0.762	0.762	0.731	0.716	0.784
HRV-C37(EF077260)	0.751	0.751	0.754	0.716	0.718	0.749	0.751	0.749	0.751	0.734	0.724	0.749
HRV-C38(GU294477)	0.749	0.749	0.729	0.979	0.701	0.736	0.749	0.736	0.744	0.678	0.703	0.736
HRV-C39(JN205461)	0.729	0.729	0.739	0.721	0.797	0.736	0.729	0.721	0.726	0.734	0.8	0.736
HRV-C40(EU081802)	0.845	0.845	0.858	0.751	0.734	0.858	0.845	0.845	0.845	0.756	0.736	0.858
HRV-C41(EU081803)	0.749	0.749	0.751	0.696	0.736	0.749	0.749	0.746	0.749	0.858	0.739	0.749
HRV-C42(EU081805)	0.767	0.767	0.746	0.698	0.777	0.744	0.767	0.762	0.767	0.759	0.769	0.744
HRV-C43(EU081807)	0.744	0.744	0.756	0.683	0.817	0.749	0.744	0.741	0.746	0.741	0.812	0.749
HRV-C44(EU590061)	0.779	0.779	0.759	0.734	0.754	0.764	0.779	0.769	0.774	0.746	0.759	0.764
HRV-C45(EU590064)	0.754	0.754	0.734	0.817	0.701	0.744	0.754	0.744	0.749	0.688	0.698	0.744
HRV-C46(FJ869950)	0.759	0.759	0.769	0.721	0.724	0.764	0.759	0.756	0.759	0.729	0.734	0.764
HRV-C47(JF519761)	0.8	0.8	0.807	0.767	0.721	0.817	0.8	0.789	0.794	0.744	0.729	0.817
HRV-C48(JF519763)	0.764	0.764	0.784	0.749	0.721	0.794	0.764	0.764	0.769	0.762	0.726	0.794
HRV-C49(JF946737)	0.751	0.751	0.772	0.724	0.736	0.772	0.751	0.746	0.751	0.774	0.744	0.772
HRV-C50(FJ841957)	0.779	0.779	0.756	0.736	0.751	0.762	0.779	0.769	0.774	0.741	0.754	0.762
HRV-C51(JF317015)	0.751	0.751	0.756	0.698	0.736	0.759	0.751	0.749	0.751	0.749	0.744	0.759

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5736	CQ5738	CQ5760	CQ5777	CQ5778	CQ5781	CQ5794	CQ5808	CQ5812	CQ5813	CQ5814	CQ5829	CQ5835	CQ5837
MaxValue	0.913	0.916	0.974	0.949	0.949	0.913	0.913	0.944	0.969	0.921	0.967	0.913	0.911	0.949
HRV-C1(EF077279)	0.721	0.729	0.759	0.772	0.772	0.731	0.789	0.774	0.762	0.746	0.751	0.779	0.731	0.726
HRV-C2(EF077280)	0.913	0.916	0.739	0.739	0.739	0.913	0.734	0.741	0.744	0.769	0.744	0.729	0.911	0.759
HRV-C3(EF186077)	0.731	0.734	0.769	0.759	0.759	0.736	0.789	0.756	0.767	0.769	0.749	0.784	0.739	0.749
HRV-C4(EF582385)	0.754	0.749	0.744	0.746	0.746	0.751	0.731	0.739	0.744	0.739	0.746	0.729	0.754	0.767
HRV-C5(EF582386)	0.741	0.741	0.681	0.693	0.693	0.741	0.706	0.701	0.681	0.716	0.683	0.701	0.744	0.729
HRV-C6(EF582387)	0.713	0.711	0.751	0.759	0.759	0.713	0.784	0.751	0.749	0.739	0.726	0.779	0.716	0.721
HRV-C7(DQ875932)	0.759	0.764	0.721	0.716	0.716	0.767	0.8	0.716	0.724	0.731	0.739	0.794	0.769	0.744
HRV-C8(GQ223227)	0.759	0.767	0.807	0.807	0.807	0.762	0.713	0.8	0.807	0.921	0.703	0.713	0.762	0.751
HRV-C9(GQ223228)	0.718	0.721	0.741	0.749	0.749	0.726	0.729	0.741	0.736	0.769	0.741	0.724	0.726	0.739
HRV-C10(GQ323774)	0.718	0.724	0.739	0.744	0.744	0.726	0.789	0.741	0.741	0.734	0.734	0.789	0.726	0.726
HRV-C11(EU840952)	0.718	0.718	0.691	0.67	0.67	0.713	0.713	0.675	0.691	0.693	0.703	0.708	0.716	0.701
HRV-C12(EF077264)	0.739	0.741	0.764	0.782	0.782	0.741	0.726	0.779	0.764	0.782	0.762	0.721	0.741	0.744
HRV-C13(EU081795)	0.734	0.731	0.741	0.739	0.739	0.736	0.789	0.739	0.736	0.726	0.749	0.787	0.739	0.741
HRV-C14(EU081796)	0.792	0.794	0.741	0.759	0.759	0.802	0.739	0.756	0.741	0.746	0.779	0.739	0.802	0.759
HRV-C15(GU219984)	0.734	0.736	0.779	0.777	0.777	0.736	0.698	0.774	0.777	0.767	0.716	0.696	0.739	0.949
HRV-C16(EU081808)	0.736	0.739	0.881	0.883	0.883	0.744	0.718	0.886	0.881	0.784	0.741	0.711	0.746	0.756
HRV-C17(EU081809)	0.718	0.721	0.974	0.949	0.949	0.721	0.701	0.944	0.969	0.815	0.741	0.698	0.724	0.789
HRV-C18(EU590074)	0.741	0.739	0.787	0.805	0.805	0.741	0.756	0.802	0.787	0.797	0.718	0.746	0.741	0.774
HRV-C19(EU697850)	0.749	0.754	0.756	0.741	0.741	0.759	0.734	0.741	0.756	0.729	0.731	0.731	0.762	0.772
HRV-C20(EU697851)	0.721	0.721	0.703	0.691	0.691	0.718	0.688	0.683	0.703	0.726	0.708	0.693	0.718	0.726
HRV-C21(EU752377)	0.749	0.744	0.718	0.729	0.729	0.746	0.825	0.726	0.721	0.721	0.716	0.82	0.749	0.739
HRV-C22(EU752381)	0.739	0.736	0.739	0.734	0.734	0.739	0.797	0.726	0.741	0.726	0.734	0.794	0.741	0.734
HRV-C23(EU752424)	0.741	0.749	0.764	0.764	0.764	0.751	0.708	0.762	0.767	0.769	0.716	0.701	0.751	0.805
HRV-C24(EU752426)	0.782	0.774	0.767	0.779	0.779	0.782	0.713	0.772	0.772	0.772	0.731	0.708	0.784	0.8
HRV-C25(JF317013)	0.787	0.784	0.744	0.754	0.754	0.787	0.721	0.751	0.749	0.779	0.741	0.721	0.787	0.787

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5736	CQ5738	CQ5760	CQ5777	CQ5778	CQ5781	CQ5794	CQ5808	CQ5812	CQ5813	CQ5814	CQ5829	CQ5835	CQ5837
HRV-C26(EU752441)	0.731	0.734	0.736	0.744	0.744	0.739	0.721	0.741	0.731	0.718	0.967	0.713	0.739	0.731
HRV-C27(GQ223122)	0.724	0.721	0.701	0.693	0.693	0.716	0.726	0.696	0.706	0.696	0.688	0.721	0.718	0.721
HRV-C28(GQ223134)	0.749	0.746	0.802	0.797	0.797	0.749	0.756	0.792	0.802	0.805	0.708	0.751	0.749	0.764
HRV-C29(FJ615699)	0.734	0.734	0.693	0.711	0.711	0.739	0.691	0.708	0.693	0.693	0.736	0.691	0.739	0.716
HRV-C30(GQ476669)	0.749	0.751	0.726	0.751	0.751	0.751	0.739	0.754	0.724	0.754	0.741	0.731	0.751	0.777
HRV-C31(GU294380)	0.736	0.736	0.787	0.779	0.779	0.741	0.741	0.772	0.789	0.807	0.721	0.736	0.744	0.756
HRV-C32(GU294466)	0.744	0.749	0.756	0.751	0.751	0.751	0.805	0.754	0.759	0.744	0.744	0.797	0.754	0.731
HRV-C33(GU294480)	0.734	0.731	0.726	0.741	0.741	0.736	0.691	0.739	0.731	0.718	0.721	0.686	0.739	0.718
HRV-C34(JF519759)	0.716	0.716	0.718	0.716	0.716	0.718	0.683	0.708	0.718	0.716	0.713	0.683	0.718	0.711
HRV-C35(JF436925)	0.779	0.779	0.751	0.744	0.744	0.782	0.724	0.744	0.746	0.739	0.756	0.724	0.784	0.767
HRV-C36(EF077256)	0.756	0.759	0.736	0.724	0.724	0.762	0.716	0.721	0.736	0.721	0.802	0.721	0.764	0.751
HRV-C37(EF077260)	0.749	0.746	0.716	0.724	0.724	0.751	0.739	0.726	0.716	0.731	0.832	0.736	0.751	0.736
HRV-C38(GU294477)	0.744	0.739	0.708	0.706	0.706	0.744	0.708	0.708	0.708	0.713	0.711	0.708	0.746	0.718
HRV-C39(JN205461)	0.724	0.724	0.759	0.749	0.749	0.726	0.782	0.751	0.762	0.724	0.739	0.784	0.729	0.736
HRV-C40(EU081802)	0.85	0.848	0.741	0.744	0.744	0.845	0.739	0.746	0.741	0.756	0.731	0.734	0.848	0.784
HRV-C41(EU081803)	0.751	0.749	0.769	0.764	0.764	0.749	0.729	0.767	0.767	0.764	0.726	0.726	0.749	0.794
HRV-C42(EU081805)	0.754	0.762	0.812	0.802	0.802	0.767	0.731	0.794	0.815	0.794	0.711	0.731	0.769	0.772
HRV-C43(EU081807)	0.744	0.744	0.701	0.716	0.716	0.746	0.913	0.716	0.703	0.739	0.729	0.913	0.746	0.696
HRV-C44(EU590061)	0.769	0.769	0.812	0.812	0.812	0.774	0.718	0.805	0.812	0.802	0.744	0.713	0.774	0.749
HRV-C45(EU590064)	0.746	0.746	0.686	0.681	0.681	0.749	0.703	0.686	0.686	0.693	0.703	0.698	0.751	0.696
HRV-C46(FJ869950)	0.754	0.754	0.749	0.751	0.751	0.759	0.726	0.749	0.754	0.764	0.764	0.724	0.759	0.754
HRV-C47(JF519761)	0.8	0.792	0.746	0.749	0.749	0.794	0.718	0.754	0.751	0.746	0.751	0.713	0.792	0.784
HRV-C48(JF519763)	0.769	0.767	0.746	0.746	0.746	0.769	0.724	0.749	0.751	0.764	0.772	0.718	0.769	0.767
HRV-C49(JF946737)	0.754	0.749	0.756	0.769	0.769	0.751	0.741	0.767	0.762	0.754	0.746	0.744	0.754	0.762
HRV-C50(FJ841957)	0.774	0.772	0.764	0.769	0.769	0.774	0.721	0.767	0.764	0.751	0.749	0.713	0.772	0.751
HRV-C51(JF317015)	0.746	0.746	0.739	0.734	0.734	0.751	0.734	0.736	0.744	0.739	0.802	0.734	0.749	0.736

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5840	CQ5844	CQ5871	CQ5874	CQ5878	CQ5920	CQ5974	CQ5999	CQ3100	CQ3323	CQ5146	CQ6014	CQ6039
MaxValue	0.962	0.969	0.962	0.951	0.908	0.979	0.987	0.911	0.969	0.977	0.972	0.951	0.969
HRV-C1(EF077279)	0.708	0.855	0.962	0.812	0.693	0.739	0.734	0.787	0.855	0.787	0.741	0.769	0.729
HRV-C2(EF077280)	0.746	0.736	0.729	0.762	0.726	0.762	0.749	0.731	0.736	0.744	0.751	0.741	0.764
HRV-C3(EF186077)	0.706	0.863	0.848	0.82	0.703	0.736	0.736	0.787	0.863	0.764	0.731	0.774	0.726
HRV-C4(EF582385)	0.754	0.706	0.734	0.731	0.756	0.746	0.744	0.729	0.706	0.759	0.789	0.767	0.746
HRV-C5(EF582386)	0.81	0.706	0.701	0.718	0.837	0.703	0.708	0.698	0.706	0.681	0.734	0.698	0.711
HRV-C6(EF582387)	0.703	0.848	0.837	0.802	0.686	0.741	0.736	0.787	0.848	0.782	0.721	0.754	0.729
HRV-C7(DQ875932)	0.698	0.782	0.815	0.792	0.698	0.744	0.741	0.797	0.782	0.792	0.726	0.744	0.731
HRV-C8(GQ223227)	0.696	0.734	0.736	0.726	0.681	0.721	0.724	0.711	0.734	0.726	0.739	0.772	0.731
HRV-C9(GQ223228)	0.739	0.734	0.726	0.741	0.731	0.764	0.762	0.726	0.734	0.741	0.762	0.774	0.749
HRV-C10(GQ323774)	0.698	0.969	0.868	0.805	0.693	0.764	0.754	0.792	0.969	0.762	0.718	0.744	0.754
HRV-C11(EU840952)	0.805	0.698	0.681	0.701	0.835	0.706	0.708	0.711	0.698	0.711	0.713	0.675	0.708
HRV-C12(EF077264)	0.696	0.759	0.754	0.734	0.688	0.759	0.749	0.724	0.759	0.756	0.729	0.815	0.739
HRV-C13(EU081795)	0.711	0.777	0.805	0.802	0.691	0.746	0.741	0.787	0.777	0.779	0.731	0.739	0.734
HRV-C14(EU081796)	0.729	0.724	0.729	0.764	0.708	0.756	0.756	0.741	0.724	0.731	0.787	0.759	0.762
HRV-C15(GU219984)	0.681	0.706	0.721	0.736	0.693	0.713	0.718	0.701	0.706	0.731	0.782	0.774	0.713
HRV-C16(EU081808)	0.686	0.744	0.769	0.746	0.681	0.718	0.716	0.711	0.744	0.764	0.756	0.782	0.703
HRV-C17(EU081809)	0.688	0.744	0.749	0.731	0.681	0.749	0.744	0.703	0.744	0.759	0.762	0.8	0.744
HRV-C18(EU590074)	0.716	0.736	0.744	0.764	0.703	0.744	0.751	0.754	0.736	0.734	0.769	0.774	0.751
HRV-C19(EU697850)	0.703	0.708	0.721	0.744	0.698	0.734	0.734	0.726	0.708	0.724	0.972	0.749	0.734
HRV-C20(EU697851)	0.843	0.708	0.706	0.701	0.815	0.754	0.746	0.691	0.708	0.686	0.726	0.731	0.744
HRV-C21(EU752377)	0.696	0.777	0.797	0.794	0.701	0.724	0.718	0.822	0.777	0.8	0.726	0.731	0.721
HRV-C22(EU752381)	0.724	0.805	0.807	0.951	0.713	0.718	0.721	0.794	0.805	0.759	0.734	0.739	0.713
HRV-C23(EU752424)	0.686	0.741	0.721	0.731	0.708	0.734	0.731	0.706	0.741	0.741	0.749	0.767	0.724
HRV-C24(EU752426)	0.729	0.726	0.724	0.726	0.718	0.736	0.749	0.711	0.726	0.762	0.784	0.754	0.739
HRV-C25(JF317013)	0.729	0.754	0.736	0.739	0.736	0.756	0.751	0.724	0.754	0.724	0.779	0.726	0.769

Supplemental Table 1 Sequence identity matrix between the sequences from our study and from GenBank (continue)

Seq->	CQ5840	CQ5844	CQ5871	CQ5874	CQ5878	CQ5920	CQ5974	CQ5999	CQ3100	CQ3323	CQ5146	CQ6014	CQ6039
HRV-C26(EU752441)	0.698	0.731	0.741	0.734	0.686	0.807	0.794	0.718	0.731	0.739	0.741	0.731	0.789
HRV-C27(GQ223122)	0.82	0.698	0.678	0.716	0.883	0.726	0.734	0.718	0.698	0.708	0.726	0.683	0.729
HRV-C28(GQ223134)	0.706	0.739	0.749	0.784	0.688	0.749	0.746	0.754	0.739	0.739	0.764	0.772	0.741
HRV-C29(FJ615699)	0.87	0.713	0.698	0.706	0.832	0.751	0.741	0.693	0.713	0.675	0.721	0.731	0.746
HRV-C30(GQ476669)	0.675	0.751	0.746	0.739	0.698	0.746	0.736	0.731	0.751	0.754	0.751	0.741	0.741
HRV-C31(GU294380)	0.703	0.749	0.734	0.749	0.683	0.736	0.741	0.744	0.749	0.731	0.756	0.794	0.729
HRV-C32(GU294466)	0.683	0.774	0.8	0.759	0.688	0.741	0.731	0.797	0.774	0.977	0.744	0.769	0.734
HRV-C33(GU294480)	0.696	0.693	0.701	0.718	0.701	0.731	0.718	0.683	0.693	0.698	0.716	0.716	0.729
HRV-C34(JF519759)	0.832	0.716	0.688	0.718	0.827	0.739	0.736	0.686	0.716	0.681	0.721	0.739	0.729
HRV-C35(JF436925)	0.713	0.706	0.713	0.721	0.724	0.759	0.756	0.726	0.706	0.726	0.789	0.754	0.756
HRV-C36(EF077256)	0.734	0.726	0.716	0.754	0.736	0.805	0.802	0.713	0.726	0.724	0.762	0.749	0.789
HRV-C37(EF077260)	0.698	0.729	0.724	0.729	0.703	0.85	0.848	0.741	0.729	0.741	0.767	0.726	0.84
HRV-C38(GU294477)	0.817	0.698	0.701	0.713	0.848	0.706	0.703	0.711	0.698	0.716	0.713	0.706	0.703
HRV-C39(JN205461)	0.691	0.769	0.805	0.774	0.693	0.741	0.746	0.784	0.769	0.901	0.739	0.769	0.744
HRV-C40(EU081802)	0.734	0.736	0.731	0.754	0.731	0.754	0.751	0.736	0.736	0.756	0.769	0.744	0.756
HRV-C41(EU081803)	0.67	0.739	0.739	0.749	0.678	0.736	0.741	0.726	0.739	0.759	0.784	0.736	0.734
HRV-C42(EU081805)	0.711	0.774	0.777	0.746	0.703	0.731	0.726	0.729	0.774	0.767	0.756	0.951	0.721
HRV-C43(EU081807)	0.696	0.794	0.822	0.794	0.693	0.739	0.739	0.911	0.794	0.789	0.746	0.736	0.739
HRV-C44(EU590061)	0.711	0.762	0.754	0.756	0.683	0.759	0.754	0.716	0.762	0.754	0.779	0.83	0.749
HRV-C45(EU590064)	0.962	0.703	0.693	0.724	0.908	0.729	0.731	0.696	0.703	0.675	0.724	0.706	0.729
HRV-C46(FJ869950)	0.713	0.744	0.731	0.739	0.736	0.782	0.792	0.724	0.744	0.744	0.784	0.769	0.777
HRV-C47(JF519761)	0.718	0.724	0.724	0.744	0.736	0.779	0.782	0.716	0.724	0.726	0.777	0.736	0.784
HRV-C48(JF519763)	0.716	0.713	0.718	0.731	0.698	0.756	0.749	0.726	0.713	0.734	0.754	0.767	0.756
HRV-C49(JF946737)	0.746	0.729	0.744	0.726	0.759	0.774	0.772	0.739	0.729	0.751	0.8	0.749	0.774
HRV-C50(FJ841957)	0.744	0.739	0.751	0.734	0.751	0.772	0.772	0.718	0.739	0.739	0.779	0.772	0.769
HRV-C51(JF317015)	0.731	0.756	0.744	0.724	0.734	0.979	0.987	0.736	0.756	0.726	0.744	0.724	0.969