

Sequences	C91	C128	C172
1a.H77.AF009606	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
1b.589.AY070174	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
1c.HC-G9.D14853	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
1g.1804.AM910652	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
2a.HCJ6.D00944	YPWPLYGNEGLGWAGWLLSP	NVGKVIDTLTTCGFADLMGYI	VNFATGNLPGCSFSIFLLAL
2a.JFH1.AB047639	YPWPLYGNEGLGWAGWLLSP	NVGKVIDTLTTCGFADLMGYI	VNYATGNLPGFPFSIFLLAL
2b.DK11.U10190	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTITTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
2c.BE121.L38319	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
2d.NNE92.L29631	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
2e.JK020.D49745	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
2f.JK081.D49754	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLTL
2i.D54.DQ155561	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
2k.VAT96.AB031663	YPWPLYGNEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
3a.HCVCENS1.X76918	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3b.NB134.AY231588	YPWPLYGNEGCGWAGWLLPP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
3c.NE048.D16612	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3d.NE274.D16620	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3e.NE145.D16618	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3f.NE125.D16614	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3h.QC29.U33437	YAWPLYGNEGCGWAGWLLSP	NLGKIIDLTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAI
3i.QC100.AY434137	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
3k.JK030.D49747	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INFATGNLPGCSFSIFLLAL
4a.AR45.AF308576	YPWPLYGNEGCGWAGWLLSP	NLGKLIESLTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
4c.Z6.U10238	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
4d.AR46.AF308577	YPWPLYXNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSXSIFLLAL
4e.CAM600.L29587	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
4f.FR12.L38332	YPWPFNGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNIPGCSFSIFLLAL
4r.Z4.U10236	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
5a.BE95.L29577	YPWPLYANEGLGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFILAL
6a.QC26.U33435	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6b.TH580.D37841	YPWPLYGNEGCGWAGWLMSP	NLGKVIDTLTTCGLADLMGYI	INYATGNLPGCSFSIFILAL
6c.TH846.D37843R	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6d.VN235.D88467	YPWPLYGNEGCGWMGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6f.TH271.D37844	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6g.JK046.D49748	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6h.FR1.L38331	YAWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGLADLMGYI	VNYATGNLPGCSFSIFLLAL
6i.TH555.D37849	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGLADLMGYI	VNYATGNLPGCSFSIFLLAL
6j.TH553.D37848	YPWPLYGNEGCGWAGWLPSP	NLGKVIDTLTTCGLADLMGYI	VNYATGNLPGCSFSIFILAL
6k.KM45.AY878650	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGLADLMGYI	VNYATGNLPGCSFSIFILAL
6l.VN507.D88470	YPWPLYGNEGCGWAGWLLSP	NMGKVIDSLTTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6m.B4/92.D63943	YAWPLYGNEGCGWAGWLLSP	NLGKVIDTITTCGFADLMGYI	INYATGNLPGCSFSIFLLAL
6n.D97/93.D63946	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTCDLADLMGYI	INYATGNLPGCSFSIFLLAL
6o.QC30.U52811R	YPWPLYGNEGCGWAGWLLSP	NLGRVIDTITTCGLADLMGYI	INYATGNLPGCSFSIFLLAL
6p.VN12.L38340	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMGYI	VNYATGNLPGCSFSIFLLAL
7a.QC69.EF108306C	YPWPLYGNEGCGWAGWLLSP	NLGKVIDTLTTCGFADLMEYI	VNYATGNLPGCSFSIFLLAL

Supplementary Table 1. Sequences alignment of HCV core protein of different genotypes.