

Supplementary Materials: Evolving Diversity of Hepatitis C Viruses in Yunnan Honghe of China

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Table S1. Nucleotide primer pairs of the core/envelope 1 (C/E1) and the nonstructural protein 5B (NS5B) used in this study. HCV: Hepatitis C virus.

HCV Genomic Region	Polarity and Sequences	Position	Size of PCR Product (bp)
C/E 1 Outer	Sense: 5'-GCAACAGGGAAYYTDCCYGGTTGCTC-3'	834–859	493
	Anti-sense: 5'-GTRGGNGACCARTTCATCATCA-3'	1306–1327	
C/E 1 Inner	Sense: 5'-TDCCCGGTTGCTCTTTTCTAT-3'	847–868	468
	Anti-sense: 5'-TTCATCATCATGTCCCAGGCCAT-3'	1293–1315	
NS5B Outer	Sense: 5'-CCHATGGGGTTYTCCTAI'GACACCAG-3'	8241–8266	406
	Anti-sense: 5'-GGNGCYGAGTAYCTGGTCATGGC-3'	8625–8647	
NS5B Inner	Sense: 5'-TTTCRTATGAYACCCGCTGYTTTGA-3'	8250–8275	388
	Anti-sense: 5'-TACCTVGTTCATAGCCTCCGTGAA-3'	8616–8638	

Table S2. List of accession numbers of the reference sequences used for HCV genotype and subtype designations.

Accession Numbers of Reference Sequences of HCV Genotype and Subtype

CA.QC66.EU408329; CA.QC68.AY434112; CA.QC89.AY434128; CA.QC94.AY434131; CA.QC99.EF424625; CA.QC181.AY754623; CA.QC245.EU408328; CA.QC216.EF424626; CA.QC227.EF424627; CN.09CNJSZJ238.HQ318826; CN.10jsszIDU084.JQ303479; CN.10jsszIDU091.JQ303476; CN.10jsszGP28.JQ303495; CN.11jsszIDU006.JQ303382; CN.11jsszIDU008.JQ303380; CN.11jsszIDU009.JQ303379; CN.AY587016.AY587016; CN.GZ0203.GQ206138; CN.HH064.EU119980; CN.HH081.EU119982; CN.HH093.EU119981; CN.Hubei.EF638081; CN.KM41.AY878651; CN.KM42.AY878652; CN.KM51.AY834934; CN.KM181.FJ435090; CN.PN271.AY878445; CN.PR58.HQ912954; CN.PR144.HQ912955; CN.WS083.EU119983; CN.WYHCV2.HQ639936; CN.ZS17.KC844047; CN.ZS221.KC844037; CN.ZS674.KC844038; EG.2152.AF271798; FR.FR2.L38371; FR.FR16.L48495; FR.FrSSD98.AJ291279; HK.cs6a-16.AY973865; HK.cs6a-18.AY973866; HK.6a33.AY859526; HK.6a35.DQ480513; HK.6a61.DQ480516; HK.6a62.DQ480623; HK.6a65.DQ480518; HK.6a66.DQ480519; HK.6a67.DQ480520; HK.6a69.DQ480521; HK.6a72.DQ480522; HK.6a77.DQ480521; ID.JK046.D63822; ID.JK049.D63821; IN.HCG9.D14853; IN.IND-HCV-3i.FJ407092; JP.HCIb-IP.AB516999; JP.HCV-BK.M58335; JP.HCV-Tr..D49374; JP.IB-2.AB109543; JP.JT.D11355; JP.MD15.AF207756; JP.NZL1.D17763; LK.SL_HC_NS_8.FJ236905; MM.MYAN-2D.AB103140; MM.MYAN-6H.AB103151; NE.NE048.D16612; NE.NE125.D16614; NE.NE145.D16618; NE.NE274.D16620; TH.C-0044.DQ835760; TH.C-0185.DQ835765; TH.D86/93.D63945; TH.Th271.D37858; TH.Th553.DQ835769; TH.Th555.D37863; TH.Th580.D84262; TH.Th602.DQ835770; TH.Th846.EF424629; TW.HCV-6-D140.EU643834; US.H77.NC_004102; US.N5.FJ380078; US.US114.D14309; VN.D83.EU246940; VN.D88.EU246932; VN.D9.EU246930; VN.HPA399.AB523333; VN.TV249.EF632070; VN.TV317.JX183555; VN.VN004.D84265; VN.VN4.L38382; VN.VN12.L38380; VN.VN235.D84263; VN.VN405.D84264; VN.D9.EU246930; VN.VN506.D88469; VN.VN507.D87357; VN.VN538.D88473; VN.VN569.D88475; VN.VN571.D88476; VN.VN998.D30797.

CA, Canada; CN, China; HK, Hong Kong; ID, Indonesia; IN, India; MM, Myanmar; TH, Thailand and VN, Vietnam. SC, single HCV infection.

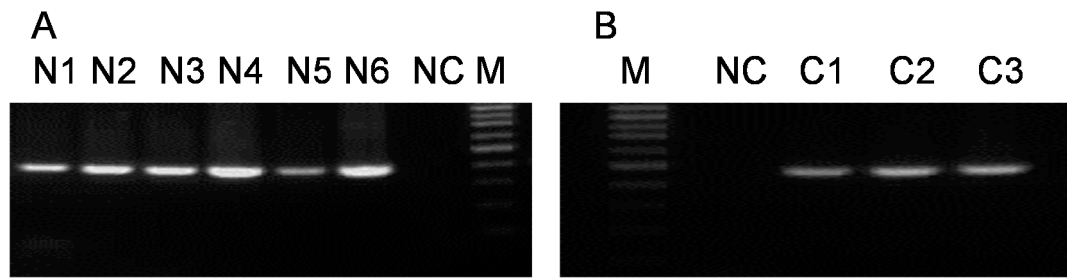


Figure S1. Results of the agarose gel electrophoresis showing PCR amplified gene products of HCV *NS5B* (A) and *C/E* (B) genes. N1-6 represent some of the PCR amplified gene products of *NS5B*. The expected size is 388 bp. C1-3 show some of the PCR amplified gene products of *C/E*. The expected size is 468 bp. NC: negative control. M: 100bp marker.