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Таблица S1. Последовательности праймеров, номера пулов и концентрации в смеси ПЦР

Table S1. Primer sequences, pool numbers and concentrations in PCR mix

Праймер Primer	Нуклеотидная последовательность Sequence	Пул Pool	Концентрация в ПЦР-смеси, нМ Concentration in PCR mix (nM)
HCV1-F1-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAACTACTGTCTTCACGCAGAAAG	1	150
HCV1-R1-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGATAGGTTGTCGCCTTCCACG	1	150
HCV1-F8-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCGGAAGCACCCCGAGGC	1	100
HCV1-R8-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGCCAGGAGGAGGAAGAGCA	1	100
HCV1-F14-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCACAGGYCGGGACAAGAA	1	100
HCV1-R14-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAAGTAAAGGTCCGAGCTGCC	1	100
HCV1-F17-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCAGACATTCCAAGTGGCCC	1	40
HCV1-R17-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTCTCCGCTTGGTCCAGGAC	1	40
HCV1-F22-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCGTGGGATCAAATGTGGAAGTG	1	120
HCV1-R22-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTGCCCACAATGACCACGCT	1	120
HCV1-F26-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCCAGTCCAAGCTCCTGCC	1	120
HCV1-R26-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCGTCACGTAGTGGAAATCC	1	120
HCV1-F30-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCCAATACCACCYCCACGGA	1	250
HCV1-R30-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTGTADGACATCGAGCAGCAGAC	1	250
HCV1-F36-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGACAGCTAGACACACTCC	1	250
HCV1-R36-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTACTGCCCAGTTGAAGAGGTA	1	250
HCV1-F2-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCCCCAGGTTGGGTGTG	2	200
HCV1-R2-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTAGGAAGATAGARAAAGAGCAACC	2	200
HCV1-F5-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCATGGCYTGGGATATGATGATGA	2	160
HCV1-R5-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTGTTGATGTGCCAGCTGCC	2	160
HCV1-F10-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTCCTTGTGTTCTTCTGYGC	2	160
HCV1-R10-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGATGATGGCATCGCGGCC	2	160
HCV1-F13-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGCGTGYGGGGACATCAT	2	200
HCV1-R13-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGTCGCCAGGAAGGATTGTGT	2	200
HCV1-F20-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCCATTCCAARAAGAAATGTGACGA	2	160
HCV1-R20-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCAAGCACAGCCCGCGTCATA	2	160
HCV1-F29-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTGTGGCGGCAGGAGATG	2	500
HCV1-R29-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGGCATGGAGGAGTACGA	2	500
HCV1-F32-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACCGGGACGTGCTYAAGGA	2	250
HCV1-R32-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCGTATGAGGAGCCCATCAC	2	250
HCV1-F3-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTGTYCTGGAGGACGGCGTG	3	120
HCV1-R3-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGATAGATTGARCAATTGCAGTCCTG	3	120
HCV1-F6-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGGGAACTGGGCTAAGGT	3	80
HCV1-R6-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGCCAGCARTARGGCCTCTG	3	80
HCV1-F9-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCTGTCTACRACAGAGTGGC	3	200
HCV1-R9-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGCCTGCCCTTRATGTACCA	3	200
HCV1-F16-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCCCGTTGAGTCYATGGAAAC	3	80
HCV1-R16-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTGGTGATGGTCCTTACCCC	3	80
HCV1-F23-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTCYGACCTGGAGGTCGTCAC	3	250
HCV1-R23-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGTGAGCGGGCTRGTGA	3	250
HCV1-F33-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGAAGGACTTGCTGGAAGAC	3	200
HCV1-R33-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGCCAAGTCACAACATTGGTA	3	200
HCV1-F37-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGGGTGGCTTCATGCCTCAG	3	200
HCV1-R37-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGCCTGGAGTGTTTAGCTCCC	3	200
HCV1-F4-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTAGCGCTCACYCCCACG	4	400
HCV1-R4-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGCTTGTGGGATCCGGAG	4	400
HCV1-F8-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTTGTGGTGGGGACGACCGA	4	250
HCV1-R8-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGGGTGGTGARGGAACAGGG	4	250
HCV1-F11-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTAGGCTCATATGGTGGTTRCAATA	4	300
HCV1-R11-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCAGYGCGGCCAGCTTCATGA	4	300
HCV1-F15-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCAATCACCCARATGTACACCAATGT	4	200
HCV1-R15-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCACTTGGAATGTCTGCGGTAC	4	200
HCV1-F18-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCATAATATGTGATGAGTGCCACTC	4	120
HCV1-R19-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTAAGCCCGTCATTAGAGCGTC	4	120
HCV1-F25-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTAGGGGGCTGTGCAGTGGAT	4	120
HCV1-R25-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGATGTTCCATGCCACGTGTTGCT	4	120

Праймер Primer	Нуклеотидная последовательность Sequence	Пул Pool	Концентрация в ПЦР-смеси, нМ Concentration in PCR mix (nM)
HCV1-F27-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGGTGGCTGCTGAGGAGTA	4	30
HCV1-R27-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGAGGGGTCGGTGAGCATGGA	4	30
HCV1-F27-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGGTAGCTGCTGAGGAGTA	4	30
HCV1-R27-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGAGGGGTCGGTAAGCATGGA	4	30
HCV1-F34-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGCGGGTYGAGTTCCTGGT	4	120
HCV1-R34-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGAGTACCTAGTCATAGCCTCC	4	120
HCV1-F7-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGCAGCTGGCACATCAACAG	5	400
HCV1-R7-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTRCAGCCGAACCAGTTGCC	5	400
HCV1-F12-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGCCGCGATGCCATCAT	5	300
HCV1-R12-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCCAGRAGTATCTCCCTCCC	5	300
HCV1-F19-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACRGTCCTGGACCAAGCGGA	5	60
HCV1-R19-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTYGGTATGACGGACACATC	5	60
HCV1-F21-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGCCCTCGGGCATGTTCGA	5	300
HCV1-R21-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCGACATGCATGCCATGATG	5	300
HCV1-F24-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGAAYTTCATCAGCGGGATACA	5	300
HCV1-R24-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGCGAACGCTATCAGCCGGTT	5	300
HCV1-F28-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACAGGTACGCTCCGGCGT	5	100
HCV1-R28-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTGACTCCACGCGGGTGAT	5	100
HCV1-R28-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTGACTCCACACGGGTGAT	5	100
HCV1-F31-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCAGCGACGGGTCTTGGTC	5	40
HCV1-R31-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGACTGTGGACGCCTTCGCCTT	5	40
HCV1-F35-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGACGACCTTGTCGTTATCTGTG	5	100
HCV1-R35-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTATGATGTTGCCTAGCCAGGAGTT	5	100
HCV1-F37-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGGGTGGCTTCATGCCTCAG	5	200
HCV1-R37-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCGGTTGGGGAGCAGRTAGAT	5	200
HCV2-F1-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTAACTACTGTCTTCACGCAGAAAG	1	250
HCV2-R1-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTAWACTCCGCCAACGATCTG	1	250
HCV2-F3-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCAGGWTGGCTCCTGTCCC	1	250
HCV2-R3-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGRAGCTGCCAGGTGATGCTG	1	250
HCV2-F5-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGAGTGCAAYTGYTCCATCTACC	1	250
HCV2-R5-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGTTKATGTGCCARCTGCC	1	250
HCV2-F19-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATGGGACGTSATGTGGAAGTG	1	100
HCV2-R19-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGTTCCACATGTGTTTGGCCCA	1	100
HCV2-F28-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCGGGGAYCCWGACCTGGAG	1	200
HCV2-R28-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTATGTGGTTRACGGCCCTCC	1	200
HCV2-F31-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTTACGTAGGRGGGCCCATG	1	150
HCV2-R31-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAWGAATTGACAGGGGAGTGTCT	1	150
HCV2-F2-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGAGCACAAATCCTAAACCTCAAAGA	2	150
HCV2-R2-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCATGTACCCCATGAGGTCGGC	2	150
HCV2-F7-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCGTACTGCTGGCAYTACCC	2	400
HCV2-R7-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCACCCCCCCYACATACATCC	2	400
HCV2-F14-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGTCCAGTCACKCAGATGTA	2	200
HCV2-R14-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGGACYTTGGTGCTCTTYCC	2	200
HCV2-F17-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCCACCGAYGCCCTMATGAC	2	100
HCV2-R17-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTGGGCATCDATGTGTGTGAG	2	100
HCV2-F22-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGCGCGGTCCARTGGATGAA	2	50
HCV2-R22-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTATRGGRAAGGTCCCCTGCCA	2	50
HCV2-F29-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCTCCATGTCATACTCCTGGAC	2	50
HCV2-R29-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAGAACACCTCATTTTTGGCCAT	2	50
HCV2-F32-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACCAGAGACCCTACCACTCC	2	200
HCV2-R32-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGCAATGGAGTGAGTTTGAGCT	2	200
HCV2-F4-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCCYGGTTGCTCYTTTTCTATCTT	3	250
HCV2-R4-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGACCAGTTYAKCATCATGTCCCA	3	250
HCV2-F8-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTTCGGCTGCACNTGGATGAA	3	250
HCV2-R8-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCACGATGTTTTGGTGGAGGTG	3	250
HCV2-F11-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTGCCCCARCAGGCTTAYGC	3	100
HCV2-R11-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGTGGTCATAGATGTAAGTGCC	3	100
HCV2-F15-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCACRCCACCDGCTGTGCC	3	150
HCV2-R15-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTAAAAGGGGATCTCRCCCTC	3	150
HCV2-F21-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATGATGGCNTTCAGYGCCGC	3	100
HCV2-R21-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTCAGACTCCGYCACGTAGTG	3	100

Праймер Primer	Нуклеотидная последовательность Sequence	Пул Pool	Концентрация в ПЦР-смеси, нМ Concentration in PCR mix (nM)
HCV2-F23-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCCCTTTATCTCTTGYCAAAAGGG	3	50
HCV2-R23-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCATTTGCACCCCGTCCACCCA	3	50
HCV2-F6-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTCTCYATGCAGGGAGCGTG	4	150
HCV2-R6-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGGGCTGGGRGTGAAACAGTA	4	150
HCV2-R6-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGACAGGGCTAGGRGTAAAACAGTA	4	150
HCV2-F9-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCATTCCACCACKGARTGGGC	4	250
HCV2-R9-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGCCCAGTADGATGAGCATCCA	4	250
HCV2-F13-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGCCCRATGGAGAAGAARGTCAT	4	200
HCV2-R13-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCGGRATGACATCAGCGTT	4	200
HCV2-F18-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGTAGTGCTCTGYGAGTGCTA	4	150
HCV2-R18-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGCTTGCATGCABGTGGCGAT	4	150
HCV2-F20-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTATGAGGCYTTTGATGAGATGGA	4	100
HCV2-R20-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCTGACAACGAAGCCRGTGGC	4	100
HCV2-F25-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGGCYACCTGYACCACCCA	4	150
HCV2-R25-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCATAGTCYGGCCTCTTCCA	4	150
HCV2-F27-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGCTGTGCYCTYCCCCC	4	50
HCV2-R27-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGGAGTATGACATGGAGCAGCA	4	50
HCV2-F10-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGRGACGCCAGGGTCTGYGC	5	200
HCV2-R10-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCATGTAGSACARCCACCACA	5	200
HCV2-F12-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCTTGGGCCTGSYTACCTCCT	5	200
HCV2-R12-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCACCCCTTSGAGGTGTAG	5	200
HCV2-F16-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACATCATCATATGCGAYGAATGCCA	5	100
HCV2-R16-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGTCGATCACRGAGTCAAAGTC	5	100
HCV2-F24-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCCATYTGGAGGGTGGC	5	100
HCV2-R24-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGGTTGGCATCCACCATGTC	5	100
HCV2-F26-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCATGGGRGGCGATGTGAC	5	400
HCV2-R26-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAAGGGGRGGCATGGAGGA	5	400
HCV2-F30-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGRAGGACCTCCTGGAAGAC	5	150
HCV2-R30-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGKGCGCGGCAACGCCTGTA	5	150
HCV2-F33-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGYCTCTTCAACTGGGCGGTGA	5	300
HCV2-R33-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCTCTACCGAGCGGGGAGTA	5	300
HCV3-F1-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGAGGCGACACTCCACCATG	1	100
HCV3-R1-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCGACGGATGGTGTTTCTTTTGG	1	100
HCV3-F6-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCAAGCCTTCACGTTCAGACC	1	300
HCV3-R6-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTVCTGTTGATGTGCCACGA	1	150
HCV3-R6-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTVCTGTTGATATGCCACGA	1	150
HCV3-F14-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTYCTTGGGACTATTGTGACCAG	1	100
HCV3-R14-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTAGGACTGAGCAAGCTCGC	1	100
HCV3-F16-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCTGCTGTGTGCACCAGAGG	1	50
HCV3-R16-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTGCGGTTCCCAGTGCGGA	1	50
HCV3-F18-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCAACTCCCCCAGGCAGCAT	1	50
HCV3-R18-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGRGCTGAAGTCAACGTACTGTTC	1	50
HCV3-F20-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCACAGTCAGACTGAGAGCTTAC	1	100
HCV3-F20-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACAGTCAGGCTGAGAGCTTAC	1	100
HCV3-R20-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGTGTCAAGCAGRTTTCATTTTGGA	1	100
HCV3-F24-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTTTTAAGATCATGGGAGGAGA	1	200
HCV3-R24-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCACACGCCCTTRTATCCCTT	1	200
HCV3-F35-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACAGCTCGTCACACTCCAGT	1	150
HCV3-R35-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCTACTGGAGAGTAACTGTGG	1	150
HCV3-F2-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGACCGGGTCCTTTCTTGG	2	100
HCV3-R2-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCGTTACCATARAGGGGCCA	2	100
HCV3-R2-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCGTTACCGTARAGGGGCCA	2	100
HCV3-F5-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGTGACACCTACAGTGGCAGT	2	100
HCV3-R5-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCAATTCATCATCATATCCCAAGCC	2	100
HCV3-F10-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTTGTCCCGCTGGTGACCTA	2	100
HCV3-R10-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAGGATGACACCGTCCCTAC	2	100
HCV3-F23-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTCTGGCACAAGCATATGTGGAA	2	100
HCV3-R23-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCARYAGGTTGACCATGTCCTC	2	100
HCV3-F25-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCATCTGGGACTGGGTTTGC	2	100
HCV3-R25-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAACGTAGCTGTTGGCAGC	2	100
HCV3-F27-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGATAGGRTCTCAACTCCCCTG	2	100

Праймер Primer	Нуклеотидная последовательность Sequence	Пул Pool	Концентрация в ПЦР-смеси, нМ Concentration in PCR mix (nM)
HCV3-R27-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGAATCACAACCTTWGTTTCAGACTC	2	100
HCV3-F29-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGACCAGACTACAACCCYCC	2	100
HCV3-F29-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGGCCAGACTACAACCCTCC	2	100
HCV3-R29-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTCCTCAGCACTACATGGTG	2	100
HCV3-F36-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACCAGCAATCATTGAAAGACTCC	2	500
HCV3-R36-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGAGRAAGATGCCTACCCCTAC	2	500
HCV3-F3-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGRTCCTGGGCTCAGCC	3	100
HCV3-R3-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGATAGAAAAGGAGCAACCGGG	3	100
HCV3-F9-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCTAATACACCTCCACCAAAAYAT	3	150
HCV3-R9-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCGTCAGGCTGTAGGTCAC	3	150
HCV3-F11-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAAGTGTGGGTCCCCCCC	3	100
HCV3-R11-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTATGACCTTGATYTCCATGGGACT	3	100
HCV3-F13-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACACRGCRGCTTGCGGAGATAT	3	100
HCV3-F13-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTATACRGCRGCTTGCGGAGATAT	3	100
HCV3-R13-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGACATTTGTGTACATTTGGAGCGC	3	100
HCV3-F15-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGACTTATACTTGGTTACCCGCGA	3	100
HCV3-F15-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGACTTATACTTGGTCACCCGGGA	3	100
HCV3-R15-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGAGGGTTTCCACTGGTATGAACTG	3	100
HCV3-F22-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTCGTCCCAGACARAGAGGTG	3	200
HCV3-R22-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTTTGGTYGTCAGGGGACTGGT	3	200
HCV3-F29-3	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAAGTATCCTCCAGCCCTTCC	3	150
HCV3-R29-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGAGGCCAGACTACAACCCTCC	3	150
HCV3-F32-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGGGAGGACYTGCTGGAAGAC	3	200
HCV3-R32-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGATRTCCTGTTCAGTGACAGT	3	200
HCV3-F34-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACAATCACTTGTTACATCAAGGCC	3	200
HCV3-R34-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTAGGCGCGTACATGATGATRTT	3	200
HCV3-F4-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTGGGTAAAGTCATCGATACCCT	4	150
HCV3-R4-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGAAGCGGTGGTTGCTCCG	4	150
HCV3-R4-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCGAAGCAGTAGTTGCTCCG	4	150
HCV3-F8-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGATGAACTCCACGGGGTT	4	400
HCV3-R8-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCATAAAGGTATTGGACATCYAC	4	400
HCV3-F10-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCTGATGRTATCACAAGCAGAAGC	4	400
HCV3-R10-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCAGGATGACACCGTCCCTAC	4	400
HCV3-F12-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTACTGGTYCGCCTTTGCATG	4	100
HCV3-R12-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTTYAAGCTGGTCACAATAGTCCC	4	100
HCV3-F22-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCTCGTCCCAGACARAGAGGTG	4	100
HCV3-R22-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGTGAACGCCATAAGAGACGC	4	100
HCV3-F28-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCGTCGTTGAAGGCCACTTG	4	50
HCV3-R28-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTAATCCGGTGCTTTCCAGCG	4	50
HCV3-F31-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATTCAACGTCGTCTAGAAGCGC	4	50
HCV3-R31-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTCGTTCTTCGCCATGATGGT	4	50
HCV3-F33-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACACYCGCTGCTTTGACTC	4	100
HCV3-R33-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCCGTGAAGGCTCTCAGGG	4	100
HCV3-F7-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTCAGCTGGTCAACACCAAYGG	5	300
HCV3-F7-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGCAGCTGATTAACACCAAYGG	5	300
HCV3-R7-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCCATAGATGTTACARGGGG	5	300
HCV3-F9-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGCCCATGCCTGCATTGTCAAC	5	200
HCV3-R9-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTCRCTGTCTTCACCCGACCA	5	200
HCV3-F14-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTGGACTATTGTGACCAGCTTGAC	5	100
HCV3-R14-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTAGGACTGAGCAAGCTCGC	5	100
HCV3-F17-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGTGCCTATGGGATCGACCC	5	100
HCV3-F17-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTTGCCTACGGGATCGACCC	5	100
HCV3-R17-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCTTGGAATGGCAAAAGATRAGGTG	5	100
HCV3-F19-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTYGATGTGTCCGTCATACCAAC	5	200
HCV3-R19-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGRGCGCACACAGTGGCTTG	5	200
HCV3-F21-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCTGGGACGAGAYGTGGAA	5	300
HCV3-R21-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGTGARCACTCCTCCATCTC	5	300
HCV3-F26-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGATGAGTACACCACYGGACCC	5	100
HCV3-R26-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGGTCTCTCARCATCGAGGT	5	100
HCV3-F30-1	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGACACAGTCCAGCACTRCTTC	5	100
HCV3-R30-1	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGGAAGGTRACCTTCTTCTGACG	5	100

Праймер Primer	Нуклеотидная последовательность Sequence	Пул Pool	Концентрация в ПЦР-смеси, нМ Concentration in PCR mix (nM)
HCV3-F36-2	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCAATCATTGAAAGACTCCATGG	5	200
HCV3-R36-2	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGAGTGTTATCCTACCAGCTYA	5	200

Примечание. Праймеры проименованы по генотипам ВГС в порядке расположения на вирусном геноме. Некоторые праймеры используются одновременно в двух пулах.
Note. The primers are named by the HCV genotypes in the order of their location in the viral genome. Some primers are used in two pools.

Таблица S2. Последовательности праймеров, использованных для валидации панели

Table S2. Primer sequences used for panel validation

Праймер Primer	Нуклеотидная последовательность Sequence
HCV1-LONG-F1	AACTACTGTCTTCACGCAGAAAGC
HCV1-LONG-R1	CCTGGAGCACCATGAGCGG
HCV1-LONG-F2	GGRGGCCGCGATGCCATCAT
HCV1-LONG-R2	ACCGTGCATATCCARTCCCA
HCV1-LONG-F3	TATGTGCCTGAGAGCGACGC
HCV1-LONG-R3	CCCTACAGAAAGTAGGAGTAGGC
HCV2-LONG-F1	CACTCCCCTGTGAGGAACTA
HCV2-LONG-R1	ATGTACCCCATGAGGTCGGC
HCV2-LONG-F2	CCBAAAGATCGGCGCTCCAC
HCV2-LONG-R2	TTSGCCCACGCTCCCTGCAT
HCV2-LONG-F3	GCATGGCATGGGACATGATG
HCV2-LONG-R3	CACGATGTTTTGGTGGAGGTG
HCV2-LONG-F4	GTTCGGCTGCACKTGGATGA
HCV2-LONG-R4	TCCACCCCTTSGAGGTGTAG
HCV2-LONG-F5	GGCACTTACATCTATGACCACCT
HCV2-LONG-R5	TTGCCATAAGTGGAGTANGTGAT
HCV2-LONG-F6	AACGCTGATGTCATYCCGG
HCV2-LONG-R6	CCCATGCCCCGAAGGGC
HCV2-LONG-F7	CATCATCATATGCGAYGAATGCCA
HCV2-LONG-R7	CACTTCCACATSACGTCCCA
HCV2-LONG-F8	YCTCACACACATWGATGCCCA
HCV2-LONG-R8	GGCTTCTCGCCAGACATGAT
HCV2-LONG-F9	GGCCAAACACATGTGGAACTTC
HCV2-LONG-R9	ATYTGCACYCCGTCCACCCA
HCV2-LONG-F10	CGCCATYTGGAGGGTGGC
HCV2-LONG-R10	AGAACACCTCATTTTTGGCCATG
HCV2-LONG-F11	GRAGGACCTCCTGGAAGAC
HCV2-LONG-R11	TCACCGCCCAGTTGAAGAG
HCV3-LONG-F1	GAGGCGACACTCCACCATG
HCV3-LONG-R1	CAGGATGRCACRGTCCCTAC
HCV3-LONG-F2	GTCTAATACACCTCCACCAAAAYAT
HCV3-LONG-R2	GTGTGTCAAGCAGRTTTCATTTTGGA
HCV3-LONG-F3	GTCATAGAYTGCAACGTGGCTGT
HCV3-LONG-R3	CGGTGGTRTACTCATTGATGGG
HCV3-LONG-F4	TCCGACTTCAARACATGGCTCTC
HCV3-LONG-R4	AGTAGGAGTAGGCAAAGCAGCAAAT

Примечание. Праймеры проименованы по генотипам ВГС в порядке расположения на вирусном геноме.
Note. The primers are named according to HCV genotypes in order of their location on the viral genome.