**Таблица S1.** Последовательности праймеров, номера пулов и концентрации в смеси ПЦР. Праймеры проименованы по генотипам ВГС в порядке расположения на вирусном геноме. Некоторые праймеры используются одновременно в двух пулах.

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

| 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 |
| 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 |
| 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 |
| 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 |
| HCV3-F36-2 | TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGGCAATCATTGAAAGACTCCATGG | 5 | 200 |
| HCV3-R36-2 | GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGGAGTGTTATCCTACCAGCTYA | 5 | 200 |