**Table S4. Barcoded Oligos for V3-V5**

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| **Barcoded oligos for V5->V3 directional sequencing.****Added the R specific primer sequence at 3' end of barcode on "A" adapter sequence****Added the F specific primer sequence at the 3' end of the "B" adapter sequence** |
|  |  |  |
|  |  | **"B" adapter oligo sequence +357F (CCTACGGGAGGCAGCAG)** |
|  |  | CCTATCCCCTGTGTGCCTTGGCAGTCTCAGCCTACGGGAGGCAGCAG  |
|  |  |  |
| **Oligo name**  | **Barcode**  | **"A" adapter oligo sequence + barcode +926R (CCGTCAATTCMTTTRAGT)** |
| XLR\_926R\_v2bBar8L  | CACGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCACGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar23L  | CGCAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGCAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar174L  | TGAAGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGAAGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar602L  | ACTTGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTTGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar212L  | TCACAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCACACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar25L  | CGTGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar622L  | ACGCGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGCGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar72L  | CCTCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCTCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar600L  | ACTCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar559L  | AGACAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar31L  | CGACTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGACTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar551L  | AGCTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGCTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1149L  | AAGCCGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGCCGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar15L  | CAAGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCAAGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar556L  | AGTTGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTTGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar144L  | TATCAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATCAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar575L  | AGGCGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGGCGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar48L  | CGGTATC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGGTATCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar166L  | TGACGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGACGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar613L  | ACAAGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACAAGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar560L  | AGACCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar741L  | ATACCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGATACCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar228L  | TCGCGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar807L  | ATCTTAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCTTACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1273L  | AACCAGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACCAGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar441L  | TTCGAGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCGAGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1174L  | AAGGTGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGGTGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar209L  | TCTTGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTTGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar153L  | TAATCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAATCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar213L  | TCACCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCACCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar298L  | TCCGCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCCGCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar146L  | TATTGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATTGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar554L  | AGTCGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar646L  | ACGGCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGGCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar158L  | TGCGTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCGTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar207L  | TCTCGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTCGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar77L  | CCAGGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCAGGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar601L  | ACTCCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTCCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar481L  | TTCCTGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCCTGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar419L  | TTCATAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCATACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar26L  | CGTCGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTCGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1172L  | AAGGCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGGCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1210L  | AACAACTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACAACTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar606L  | ACACGGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACACGGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar159L  | TGCCGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCCGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar147L  | TATTCGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATTCGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar141L | TAGGAATC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAGGAATCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar119L  | CCGGCCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCGGCCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1379L  | AATGGTAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAATGGTACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar208L  | TCTCCGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTCCGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1267L  | AACCTGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACCTGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar637L  | ACGAAGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGAAGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar435L  | TTCGTGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCGTGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1202L  | AACACAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACACAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar413L  | TTCTTGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCTTGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar289L  | TCCAAGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCCAAGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar433L  | TTCGCGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCGCGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar121L  | CCGGTCGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCGGTCGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar669L  | ACCTGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACCTGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1156L  | AAGAGTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGAGTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar370L  | TTGACAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTGACAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar281L  | TCCAGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCCAGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar49L  | CGGTCTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGGTCTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1173L  | AAGGCCTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGGCCTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar599L  | ACTAATTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTAATTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar167L  | TGACCGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGACCGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar161L  | TGTCGGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTCGGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar580L  | AGGTTGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGGTTGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar629L  | ACGAGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGAGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar184L  | TGGTGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGGTGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar233L  | TCGTTGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGTTGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar364L  | TTGTGTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTGTGTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar78L  | CCACGGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCACGGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar393L  | TTGGAGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTGGAGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar350L  | TTATCGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTATCGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1164L  | AAGAAGAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAAGAAGACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1196L  | AACTGTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACTGTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar411L  | TTCTCAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCTCAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar6L  | CTTCCTTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTTCCTTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1031L  | ATTCGTAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGATTCGTACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar76L  | CCTTCCGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCTTCCGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar555L  | AGTCCGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCCGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar378L  | TTGAACTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTGAACTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1225L  | AACGAGGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACGAGGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar99L  | CCGTTCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGCCGTTCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar236L  | TCGAGGAAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGAGGAACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar731L  | ACCGGAAGC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACCGGAAGCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar628L  | ACGTTCCAC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGTTCCACCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1250L  | AACGGAGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACGGAGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar438L  | TTCGTTATC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTCGTTATCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar693L  | ACCGTAATC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACCGTAATCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar672L  | ACCTTGGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGACCTTGGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar355L  | TTAAGATTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTTAAGATTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar187L  | TGGTTGGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGGTTGGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar162L  | TGTCCGGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTCCGGTCCCGTCAATTCMTTTRAGT  |
| XLR\_926R\_v2bBar1292L  | AACCGTGTC  | CCATCTCATCCCTGCGTGTCTCCGACTCAGAACCGTGTCCCGTCAATTCMTTTRAGT  |
| 357F/926R\_000 | TCATAGACAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCATAGACAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_001 | TATCACTACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATCACTACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_002 | AGCGTCAGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGCGTCAGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_003 | CTGTACGTAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTGTACGTAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_004 | AGTCTCTAGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCTCTAGACCGTCAATTCMTTTRAGT |
| 357F/926R\_005 | AGATACACAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGATACACAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_006 | ACTCTAGTCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTCTAGTCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_007 | AGTCAGTGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCAGTGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_008 | CTACGTCTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTACGTCTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_009 | CGACTACGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGACTACGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_010 | TAGCACACTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAGCACACTACCGTCAATTCMTTTRAGT |
| 357F/926R\_011 | TACGAGTACA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTACGAGTACACCGTCAATTCMTTTRAGT |
| 357F/926R\_012 | TGCTACTGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCTACTGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_013 | CACGATAGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCACGATAGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_014 | TATATCGACA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATATCGACACCGTCAATTCMTTTRAGT |
| 357F/926R\_015 | TGTACTACAT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTACTACATCCGTCAATTCMTTTRAGT |
| 357F/926R\_016 | AGAGCGCGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGAGCGCGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_017 | CGTAGATCGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTAGATCGACCGTCAATTCMTTTRAGT |
| 357F/926R\_018 | TGATGACGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGATGACGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_019 | TCTCTCGAGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTCTCGAGACCGTCAATTCMTTTRAGT |
| 357F/926R\_020 | TAGTGTAGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAGTGTAGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_021 | TCACGACGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCACGACGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_022 | TGTAGAGTAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTAGAGTAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_023 | TGCGTACTCA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCGTACTCACCGTCAATTCMTTTRAGT |
| 357F/926R\_024 | ACGCACACGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGCACACGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_025 | TGAGTATGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGAGTATGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_026 | TCTATACGCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTATACGCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_027 | CAGTGAGACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCAGTGAGACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_028 | CTAGTATGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTAGTATGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_029 | TCTACAGCGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTACAGCGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_030 | ATCGCTAGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCGCTAGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_031 | AGCAGCTACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGCAGCTACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_032 | TCGCTATATA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCTATATACCGTCAATTCMTTTRAGT |
| 357F/926R\_033 | TCGCTACGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCTACGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_034 | TGAGATCTCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGAGATCTCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_035 | CGTGAGTGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTGAGTGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_036 | TCGAGCACGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGAGCACGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_037 | AGACATATCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACATATCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_038 | TCTCGTGTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTCGTGTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_039 | ATATACGCGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGATATACGCGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_040 | ACGTCTCGCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGTCTCGCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_041 | CGCGCTACGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGCGCTACGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_042 | AGAGTCACGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGAGTCACGACCGTCAATTCMTTTRAGT |
| 357F/926R\_043 | TACACGATGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTACACGATGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_044 | CTACATCACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTACATCACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_045 | ATACTCTATG | CCATCTCATCCCTGCGTGTCTCCGACTCAGATACTCTATGCCGTCAATTCMTTTRAGT |
| 357F/926R\_046 | CTCACGCGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTCACGCGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_047 | TCAGTCTCGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCAGTCTCGACCGTCAATTCMTTTRAGT |
| 357F/926R\_048 | AGAGTACGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGAGTACGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_049 | TGAGACGAGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGAGACGAGACCGTCAATTCMTTTRAGT |
| 357F/926R\_050 | TATCTGTATA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATCTGTATACCGTCAATTCMTTTRAGT |
| 357F/926R\_051 | TAGCGTGATG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAGCGTGATGCCGTCAATTCMTTTRAGT |
| 357F/926R\_052 | ACTGTATATG | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTGTATATGCCGTCAATTCMTTTRAGT |
| 357F/926R\_053 | CATATAGACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCATATAGACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_054 | ACGTATGACT | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGTATGACTCCGTCAATTCMTTTRAGT |
| 357F/926R\_055 | TGTCGTAGCA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTCGTAGCACCGTCAATTCMTTTRAGT |
| 357F/926R\_056 | AGTGACTAGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTGACTAGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_057 | TCTATCTAGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTATCTAGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_058 | CTAGAGTGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTAGAGTGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_059 | TAGCTACTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTAGCTACTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_060 | ATACTGCGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGATACTGCGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_061 | TCAGCGTCTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCAGCGTCTACCGTCAATTCMTTTRAGT |
| 357F/926R\_062 | CGTACTCAGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTACTCAGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_063 | TCGACGAGCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGACGAGCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_064 | AGTCGACATG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCGACATGCCGTCAATTCMTTTRAGT |
| 357F/926R\_065 | CGTCAGCACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTCAGCACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_066 | TCGCTGATAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGCTGATAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_067 | ACATACTGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGACATACTGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_068 | TCATCGAGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCATCGAGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_069 | ACTATATCTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTATATCTACCGTCAATTCMTTTRAGT |
| 357F/926R\_070 | ACTGTCTGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTGTCTGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_071 | CGTGTCGCAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGTGTCGCAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_072 | CTAGTGCACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTAGTGCACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_073 | TATACACGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATACACGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_074 | AGTCTAGTAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCTAGTAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_075 | CTCGTGACGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTCGTGACGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_076 | TACACAGTCA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTACACAGTCACCGTCAATTCMTTTRAGT |
| 357F/926R\_077 | CTACAGAGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTACAGAGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_078 | TGACGTGACA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGACGTGACACCGTCAATTCMTTTRAGT |
| 357F/926R\_079 | TCTGTGACAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTGTGACAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_080 | TCTGCAGTAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCTGCAGTAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_081 | TGTACGCACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTACGCACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_082 | CTAGCTCGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTAGCTCGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_083 | ATACGCACGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGATACGCACGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_084 | TGTCTGCTAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTCTGCTAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_085 | AGTCGAGCGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTCGAGCGACCGTCAATTCMTTTRAGT |
| 357F/926R\_086 | TATGACAGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATGACAGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_087 | ACATAGTAGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGACATAGTAGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_088 | TATGATACTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATGATACTACCGTCAATTCMTTTRAGT |
| 357F/926R\_089 | TCGACGCATA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGACGCATACCGTCAATTCMTTTRAGT |
| 357F/926R\_090 | ACGCGAGATA | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGCGAGATACCGTCAATTCMTTTRAGT |
| 357F/926R\_091 | ACGATGATCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGATGATCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_092 | ATCGTAGTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCGTAGTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_093 | TATAGCGTCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGTATAGCGTCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_094 | ACTCTGTGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGACTCTGTGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_095 | AGTAGCGTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTAGCGTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_096 | CGCGACGTGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGCGACGTGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_097 | CTGTGTAGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTGTGTAGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_098 | CTCTGTCTCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTCTGTCTCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_099 | AGACGTCTCT | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACGTCTCTCCGTCAATTCMTTTRAGT |
| 357F/926R\_100 | TCGAGAGTCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGAGAGTCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_101 | CTCTCGCGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGCTCTCGCGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_102 | ACGTGTACTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGACGTGTACTACCGTCAATTCMTTTRAGT |
| 357F/926R\_103 | TGCTGCGTCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCTGCGTCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_104 | CATACTACTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGCATACTACTACCGTCAATTCMTTTRAGT |
| 357F/926R\_105 | AGTATCTCAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTATCTCAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_106 | TACTGCACAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTACTGCACAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_107 | CGCGCACGCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGCGCGCACGCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_108 | TCACACTATA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCACACTATACCGTCAATTCMTTTRAGT |
| 357F/926R\_109 | TGACGCGCTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGACGCGCTACCGTCAATTCMTTTRAGT |
| 357F/926R\_110 | TGTACGTGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGTACGTGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_111 | TCGTGATACA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCGTGATACACCGTCAATTCMTTTRAGT |
| 357F/926R\_112 | ACACTATCAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGACACTATCAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_113 | ATCGACGTCA | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCGACGTCACCGTCAATTCMTTTRAGT |
| 357F/926R\_114 | TGATCTAGTA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGATCTAGTACCGTCAATTCMTTTRAGT |
| 357F/926R\_115 | ATGACTGTCG | CCATCTCATCCCTGCGTGTCTCCGACTCAGATGACTGTCGCCGTCAATTCMTTTRAGT |
| 357F/926R\_116 | ATCGACAGAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGATCGACAGAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_117 | AGTATATGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTATATGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_118 | AGACTGACAG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACTGACAGCCGTCAATTCMTTTRAGT |
| 357F/926R\_119 | AGCGCGTAGT | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGCGCGTAGTCCGTCAATTCMTTTRAGT |
| 357F/926R\_120 | AGACGATGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGACGATGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_121 | TCAGTAGTGA | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCAGTAGTGACCGTCAATTCMTTTRAGT |
| 357F/926R\_122 | TGCAGTCGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCAGTCGTGCCGTCAATTCMTTTRAGT |
| 357F/926R\_123 | TGCGTACATG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTGCGTACATGCCGTCAATTCMTTTRAGT |
| 357F/926R\_124 | TCAGATGACG | CCATCTCATCCCTGCGTGTCTCCGACTCAGTCAGATGACGCCGTCAATTCMTTTRAGT |
| 357F/926R\_125 | AGTGTGAGTG | CCATCTCATCCCTGCGTGTCTCCGACTCAGAGTGTGAGTGCCGTCAATTCMTTTRAGT |