

C138U C148A

Parent seq CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_II_349;34;29 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_IOI_67;204;2 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_IOO_83;140;2 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_OII_5;7327;2 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_OIO_39;467;2 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_OOI_2;17695; CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG
P3_OOO_7;2945;2 CACUJCGCAAUGAACGUAAGGUGGGACUUUUCUAGGGUUUGAGCGGUCGAACCCAGGGG

G245A

Parent seq GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_II_349;34;29 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_IOI_67;204;2 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_IOO_83;140;2 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_OII_5;7327;2 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_OIO_39;467;2 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_OOI_2;17695; GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC
P3_OOO_7;2945;2 GAGUGUGAUCCAGGUACCGCCGUAGAAACUGGAUUACGACGCCUACCCGGGAUUCAAACC

C307U

Parent seq CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_II_349;34;29 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_IOI_67;204;2 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_IOO_83;140;2 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_OII_5;7327;2 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_OIO_39;467;2 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_OOI_2;17695; CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC
P3_OOO_7;2945;2 CGGUCCCCUCAGAGGUGACUCUGAGUGAAAAGGUCUGUGCUUAGCACACUGACGAGUJCC

U336C

G31A

Parent seq UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_II_349;34;29 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_IOI_67;204;2 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_IOO_83;140;2 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_OII_5;7327;2 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_OIO_39;467;2 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_OOI_2;17695; UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU
P3_OOO_7;2945;2 UGAAAUGGAACGAAACCUUUUCUAAACCAUAAGUUUCGUCGCAUCCAGCGACUCGUCAGU

InsC76

InsG84

Parent seq GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_II_349;34;29 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_IOI_67;204;2 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_IOO_83;140;2 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_OII_5;7327;2 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_OIO_39;467;2 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_OOI_2;17695; GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
P3_OOO_7;2945;2 GGGCUAAGCCCAGACUUUAUGAGAGAGUGGUUACCUCUCA-GCCCCUCG-ACCUUGGG
