

10 20 30 40 50 60 70 80 90

28S-01 AAACCGTTCGGGGTAAACGGACAGAGCCCGTGAATCCGGGCGACGGAAATTCAGAAATCGACGGCGTCGTCGGTTCGATATTTCCGTCGCCG  
 28S-02 .....G.....  
 28S-03 .....C.....  
 28S-04 .....G.....  
 28S-05 .....G.....  
 28S-06 .....G.....  
 28S-07 .....C.....A  
 28S-08 .....A.....A.....AT.....T.....T.....  
 28S-09 .....A.A.....T.....A.....A.....G.....T.A.  
 28S-10 .....AA.....T.....T.....  
 28S-11 .....G.A.....GA.....T.....T.....T.....  
 28S-12 .....G.....G.....T.....  
 28S-13 .....A.....A.GTA.....T.....T.C.T  
 28S-14 .....G.....T.....T.....AA.....T.A.C.....A  
 28S-15 .....TT.....G.....T.....C.....TA.....C.....  
 28S-16 .....C.....A  
 28S-17 .....TC.GT.A.....C.....C.....C.....  
 28S-18 .....T.....A.....AG.A.....T.....TA.C.....T.T.A

110 120 130 140 150 160 170 180 190

28S-01 CGCGACCCGTTCCGGTGTCCGGTCTAGGAGACGTGCGAAAAGTTCGTGTGCTTCGGTCCGGCGCGCGGAGTCCGGTTGGCCGACTCGCCGGACG  
 28S-02 .....T.....ACG.....A.....TT.....  
 28S-03 .....G.....T.....  
 28S-04 .....C.....TA.....ACG.....A.....GTT.....  
 28S-05 .....C.....TA.....ACG.....A.....GT.....  
 28S-06 .....C.....TA.....ACG.....A.....GT.....  
 28S-07 .....C.....C.....C.....  
 28S-08 .....T.....G.C.T.....TGA.....A.A.....T.....T.....A.....  
 28S-09 .....TT.....TG.....A.....T.....  
 28S-10 .....TA.....CCGA.G.CACG.T.GA.....  
 28S-11 .....T.....C.TTT.C.....CGA.C.....A.....T.....C.....A.....  
 28S-12 .....T.....T.....T.T.C.....TGA.....G.....T.T.....C.....AG.....A.....  
 28S-13 .....T.....C.TTT.C.....CGA.C.....A.....T.....C.....G.....A.....  
 28S-14 .....T.....T.....C.T.....TA.....GA.....A.....A.....  
 28S-15 .....T.C.....C.....C.C.TTT.....CGC.G.....C.....G.....T.....G.....GC.....A.....  
 28S-16 .....G.....  
 28S-17 .....GT.....T.....A.....  
 28S-18 T.....T.....A.....C.AG.A.A.C.....TGATG.TAA.T.ATATATA.....T.T.....T.....T.....A.....

210 220 230 240 250 260

28S-01 TGATCGCGGGCCCTGCGCCGCGTTACCGGTCTGCGACGAATCTTCGGGCGCTTTCCGA  
 28S-02 ..GC.....A..T..T..T.G.....  
 28S-03 ..G.....AG.....  
 28S-04 ..GC.....A..T..T..T.G.....  
 28S-05 ..GC.....A..T..T..T.G.....  
 28S-06 ..GC.....A..T..T..T.G.....  
 28S-07 .....  
 28S-08 ..TCT.....A..T..AG.....  
 28S-09 ..C.A.....A..T..T..G.....  
 28S-10 ..GC.....A.AT.....T..G.G.....  
 28S-11 ..GC.....T.G.....G.G.....T.....  
 28S-12 ..GC..T.A.....T.G.....T.T.G.....T.....  
 28S-13 ..GC..T.....T.G.....T.G.....T.....  
 28S-14 .....A.....T..T..ACG..T.....A.T.....  
 28S-15 ..C.T.T.C.....CG.AA.G.....  
 28S-16 .....A.....  
 28S-17 ..G.....  
 28S-18 ..TCT.T.AA.....TCAA..TT.AG.G.....T.....