>Wild Type  
ATGGCGTCGCCCAGCTGCCTGTGGCTCCTGGCCGTCGCCCTCCTGCCGGGGTCCGGCGCTGCCCGGGCGCCCTGGCGTCTGGACCCGGCCGCGCCGCTGCCGCTGGTGATCTGGCATGGGATGGGAGACAGCTGTTGTAATCCCTTAAGCATGGGAGCTATTAAAAAAATGGTTGAGGAGAAAATACCTGGAATTTACGTCTTATCTTTAGAGATTGGGAAGACCCTGATGGAGGATGTGGAGAACAGCTTCTTCTTGAATGTCAATTCCCAAGTAACAACTGTGTGTCAGATTCTTGCTAAGGATCCTAAATTGCATCAAGGCTACAATGCTATGGGATTCTCTCAGGGAGGCCAATTTCTGAGGGCAGTGGCTCAGAGATGCCCATCACCTCCCATGATCAATCTAATCTCGATTGGGGGACAACATCAAG**GTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACG**CCTGGTGCAAGCAGAGTACTGGCACGACCCCATAAAGGAGGACACGTACCGCAACCACAGCATCTTCCTGGCCGATATTAATCAGGAGCGGGGCGTCAATGAGTCCTACAAGAGAAACCTGATGGCCTTGAAGAAGTTTGTGATGGTGAAATTTCTCAACGATTCCATTGTGGATCCTGTGGACTCTGAGTGGTTTGGATTCTACAGAAGTGGCCAAGCCAAGGAAACCATTCCCTTGCAGGAGACCGCTCTGTACACACAGGACCGCCTGGGGCTAAAGGAAATGGATAATGCAGGACAGCTAGTGTTCCTGGCTGTAGAAGGGGACCATCfTTCAACTGTCTCAGGAATGGTTTTATGCCCACATCATACCCTTCCTTGAGTAA

>Retention of an additional Exon 5 copy  
ATGGCGTCGCCCAGCTGCCTGTGGCTCCTGGCCGTCGCCCTCCTGCCGGGGTCCGGCGCTGCCCGGGCGCCCTGGCGTCTGGACCCGGCCGCGCCGCTGCCGCTGGTGATCTGGCATGGGATGGGAGACAGCTGTTGTAATCCCTTAAGCATGGGAGCTATTAAAAAAATGGTTGAGGAGAAAATACCTGGAATTTACGTCTTATCTTTAGAGATTGGGAAGACCCTGATGGAGGATGTGGAGAACAGCTTCTTCTTGAATGTCAATTCCCAAGTAACAACTGTGTGTCAGATTCTTGCTAAGGATCCTAAATTGCATCAAGGCTACAATGCTATGGGATTCTCTCAGGGAGGCCAATTTCTGAGGGCAGTGGCTCAGAGATGCCCATCACCTCCCATGATCAATCTAATCTCGATTGGGGGACAACATCAAG**GTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACGGTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACG**CCTGGTGCAAGCAGAGTACTGGCACGACCCCATAAAGGAGGACACGTACCGCAACCACAGCATCTTCCTGGCCGATATTAATCAGGAGCGGGGCGTCAATGAGTCCTACAAGAGAAACCTGATGGCCTTGAAGAAGTTTGTGATGGTGAAATTTCTCAACGATTCCATTGTGGATCCTGTGGACTCTGAGTGGTTTGGATTCTACAGAAGTGGCCAAGCCAAGGAAACCATTCCCTTGCAGGAGACCGCTCTGTACACACAGGACCGCCTGGGGCTAAAGGAAATGGATAATGCAGGACAGCTAGTGTTCCTGGCTGTAGAAGGGGACCATCTTCAACTGTCTCAGGAATGGTTTTATGCCCACATCATACCCTTCCTTGAGTAA

>Retention of an additional Exon 5 copy plus a 166 bp novel exon  
ATGGCGTCGCCCAGCTGCCTGTGGCTCCTGGCCGTCGCCCTCCTGCCGGGGTCCGGCGCTGCCCGGGCGCCCTGGCGTCTGGACCCGGCCGCGCCGCTGCCGCTGGTGATCTGGCATGGGATGGGAGACAGCTGTTGTAATCCCTTAAGCATGGGAGCTATTAAAAAAATGGTTGAGGAGAAAATACCTGGAATTTACGTCTTATCTTTAGAGATTGGGAAGACCCTGATGGAGGATGTGGAGAACAGCTTCTTCTTGAATGTCAATTCCCAAGTAACAACTGTGTGTCAGATTCTTGCTAAGGATCCTAAATTGCATCAAGGCTACAATGCTATGGGATTCTCTCAGGGAGGCCAATTTCTGAGGGCAGTGGCTCAGAGATGCCCATCACCTCCCATGATCAATCTAATCTCGATTGGGGGACAACATCAAG**GTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACGGTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACG*CCCAGAATGAGAGCAATGAGGCCTAGTACCTGCTAGGCTGATATTTGGTGGACCCGTCTCTGGAAAACCTGACTGGCCCCAGAGAAAAGATCTACAGGTTGATGTTTCAGAGTCCTCCAAGAAATCAGGATTCCTGTGGACCACTGTGAGGTGACGCCCCCAGGAG***CCTGGTGCAAGCAGAGTACTGGCACGACCCCATAAAGGAGGACACGTACCGCAACCACAGCATCTTCCTGGCCGATATTAATCAGGAGCGGGGCGTCAATGAGTCCTACAAGAGAAACCTGATGGCCTTGAAGAAGTTTGTGATGGTGAAATTTCTCAACGATTCCATTGTGGATCCTGTGGACTCTGAGTGGTTTGGATTCTACAGAAGTGGCCAAGCCAAGGAAACCATTCCCTTGCAGGAGACCGCTCTGTACACACAGGACCGCCTGGGGCTAAAGGAAATGGATAATGCAGGACAGCTAGTGTTCCTGGCTGTAGAAGGGGACCATCTTCAACTGTCTCAGGAATGGTTTTATGCCCACATCATACCCTTCCTTGAGTAA

>Retention of an additional Exon 5 copy plus a 141 bp novel exon ATGGCGTCGCCCAGCTGCCTGTGGCTCCTGGCCGTCGCCCTCCTGCCGGGGTCCGGCGCTGCCCGGGCGCCCTGGCGTCTGGACCCGGCCGCGCCGCTGCCGCTGGTGATCTGGCATGGGATGGGAGACAGCTGTTGTAATCCCTTAAGCATGGGAGCTATTAAAAAAATGGTTGAGGAGAAAATACCTGGAATTTACGTCTTATCTTTAGAGATTGGGAAGACCCTGATGGAGGATGTGGAGAACAGCTTCTTCTTGAATGTCAATTCCCAAGTAACAACTGTGTGTCAGATTCTTGCTAAGGATCCTAAATTGCATCAAGGCTACAATGCTATGGGATTCTCTCAGGGAGGCCAATTTCTGAGGGCAGTGGCTCAGAGATGCCCATCACCTCCCATGATCAATCTAATCTCGATTGGGGGACAACATCAAG**GTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACGGTGTTTATGGACTCCCTCGGTGCCCAGGGGAGAGCTCTCACATCTGTGACTTGATCAGAAAAACACTGAATGCTGGGGCTTACAACAAAGCTATTCAAGAACG*GGTATTTTATTTACTCATGAGAGACACAGAGAGAGAGAGAGAGGCAGAGACACAGGCAGAGAGAGGGAGAAGCAGGCTCCATGCAGGGAGCCCAATGCGGGACTCGATCCCAGGACCCCAGGATCACGCCCTGGGCCGAAG***CCTGGTGCAAGCAGAGTACTGGCACGACCCCATAAAGGAGGACACGTACCGCAACCACAGCATCTTCCTGGCCGATATTAATCAGGAGCGGGGCGTCAATGAGTCCTACAAGAGAAACCTGATGGCCTTGAAGAAGTTTGTGATGGTGAAATTTCTCAACGATTCCATTGTGGATCCTGTGGACTCTGAGTGGTTTGGATTCTACAGAAGTGGCCAAGCCAAGGAAACCATTCCCTTGCAGGAGACCGCTCTGTACACACAGGACCGCCTGGGGCTAAAGGAAATGGATAATGCAGGACAGCTAGTGTTCCTGGCTGTAGAAGGGGACCATCTTCAACTGTCTCAGGAATGGTTTTATGCCCACATCATACCCTTCCTTGAGTAA