Proband RefSeq	GTATCTTTGCAGCCTGGCCTGGGCATAGGATCCCTGTCCTGGCTTGGCCTGCAGTGGAAGCTGTCCCCCTGGCTCAGCCCTGGTCCCAGTCCCAGTGCTGGGCTTACCCGTAGG GTATCTTTGCAGCCTGGCCTG	12
logo Proband RefSeq	CTCAAGTCTCAGACAACACTTCCTGGAGCGGGCTGGAGGAGGGCTTTAGATCAGTCACTGTGGCCCTGAGGACTTTTGGATTCTTTTCTCTTAGGTCCGGCATGAGAACAGATGTGTGGC CTCAAGTCTCAGACAACACTTCCTGGAGCGGGCTGGAGGAGGGGCTTTAGATCAGTCACTGTGGCCCTGAGGACTTTTGGATTCTTTTCTCTTAGGTCCGGCATGAGAACAGATGTGTGGC GTCCGGCATGAGAACAGATGTGTGGC	24 2
logo Proband RefSeq	CTGGAAAGTTCCTTCATCAGGGCAAGGAGTATGCCCCTGGAGAACAGTGAAGATTGCTGCAACACTTGGTGAGGGCTCAGTGAGGGGCTGCGCTGGGGACCCAGGCCCTGC CCTGGAAAGGTGTCCCTGCTTCCATCAGGGCAAGGAGTATGCCCCTGGAGAAACAGTGAAGATTGGCTGCAACACTTGGTGAGGGCTCAGTGAGGGGCTGCGCTGGGGACCCAGGCCCTGC CCTGGAAAGGTGTCCCTGCTTCCATCAGGGCAAGGAGTATGCCCCTGGAGAAACAGTGAAGATTGGCTGCAACACTTG	36 10
logo Proband RefSeq	GGGTGGAGTGAGGGTGCACGCGGCCACAGGACCTTCCGCACTTGCCTCCAGCCCCCTGTGGGAACCTGGGTTACTCAAA GGGTGGAGTGAGGGGTGCACGCGGCCACAGGACCTTGCCTCCAGCCCCCTGTGGGAACCTGGGTTACTCAAA 104	

 \overline{X} non conserved \overline{X} $\geq 50\%$ conserved