logo Proband RefSeq	ATAGTATAGGTGATACGGGAGCTGAGCTGAGAGGAGCCAAGGAAGTGGGAGGAAAACCTGGAGAGAGA	120 0
logo Proband RefSeq	GAATGGGATCAATTAAGCAAATAACTGAAAAAAGTCCCATGGGATTTAGTGACGTGGGGATCATCCATTGGTAACGTTAGCAAGCTGTGCTTCAGGAGGGGTTATGGGACTGGGACCTGG GAATGGGATCAATTAAGCAAATAACTGAAAAAAGTCCCATGGGATTTAGTGACGTGGGGATCATCCATTGGTAACGTTAGCAAGCTGTGCTTCAGGAGGGGTTATGGGACTGGGACCTGG	240 0
logo Proband RefSeq	TTGGAAGGGGCAGAGAGTGAGTGAAGATGTGGAGGCAGCGAGTATAGACGAGTCTCGTGAAGCTCGGCTATGATTTCTTCTCTGCAGCTACTGTGAGGATGGCTTCATGCAC TTGGAAGGGGCAGAGAGTGAGTGGGAGGTGAAGATGTGGAGGCAGCGAGTATAGACGAGTCTCGTGAAGCTCGGCTATGATTTTCTTCTCTGCAGCTACTGTGAGGATGGCTTCATGCAC	360 25
logo Proband RefSeq	TGTACCATGAGTGCCCGGGAAGCTTGCTGCCTGACGCTGTCCTCAGCAGTCCCTGTCTCATCGCAGTGAGTACTGTCCCCCTGGAAGGCCCATTGACTCCAAAAA TGTACCATGAGTGGAGTCCCCGGGAAGCTTGCTCCTCAGCAGTCCCCTGTCTCATCGCAGTGAGTACTGTCCCCCTGGAAGGCCCATTGACTCCAAAAA 470 95	

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