logo	TAGACCTTTAAATATATGGAGTAAGTATGTTGACTTTCCGAATTCTAGGTGAAACTACTGGATGAGAGAGA	
Proband RefSeq	TAGACCTTTAAATATATGGAGTAAGTATGTTGACTTTCCGAATTCTAGGTGAAACTACTGGATGAGAGAGGCCAGCAAAATCAGCCTACTTACAATTGGGATGTTTTAAGGAG	120 0
logo	GTTAACTATGGCTGCTTTTCCCCCTCTGGATGCAGGGTTACAAGGAAAATAACACAGGTGAATGTTGTGGGAGATGTTTGCCTACGGCTTGCACCATTCAGCTAAGAGGAGGACAG	240
RefSeq logo	ATCATGA GGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	84
Proband RefSeq	ATCATGACACTGAAG	360 99
logo Proband	AGGGACAAAATGACCAATGATTAACTATAAATGGTGGGTCCAGGGTAGAGTTTTGGGCTACCAGGCATGAAAGTTCGATCAATGACCCCCATCGCCCTGGCTGTGGGGAATTATTAACAG	480
RefSeq		99
logo Proband	AATGTGTCGTTCGGCCCTCCCCCTTGTCTTCCCCGACCCTTAAAAGTGCCATACCGTGAGTTCTTTCAAAATAAAACGATG	
RefSeq		

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