logo	CCACTGGGAGGCAGCAGTTATTAGGCAGCTGCCAGGAGGTCTCCCTCC	
Proband RefSeq	CCACTGGGAGGCAGCTATTAGGCAGCTGCCAGGAGGTCTCCCTCC	120 0
logo	TAAAAGGAGGCCAATCCCCTGTTGTGGCAGCTCACAGCTATTGTGGTGGGAAAGGGAGGG	
Proband RefSeq	TAAAAGGAGGCCAATCCCCTGTTGTGGCAGCTCACAGCTATTGTGGTGGGAAAGGGAGGG	240 97
logo Proband RefSeq	CTGGGCTACATAACAGCAAGACAGTCCGGAGCTGTAGCAGACCTGATTGAGCCTTTGCAGCAGCTGAGAGCATGGCCTAGGGTGGGCGGCACCATTGTCCAGCAGCTGAGTTTCCCAGGGCTGGGCTACATAACAGCAAGACAGTCCGGGAGCTGAGACCTGATTGCAGCAGCTGAGCTTGCAGCAGCTGAGAGCATGGCCTAGGGTGGGCGGCACCATTGTCCAGCAGCTGAGTTTCCCAGGG	360 217
logo	ACCTTGGAGATAGCCGCAGCCTCATTTGCAGGGAAGGAAG	
Proband RefSeq	ACCTTGGAGATAGCCGCAGCCCTCATTTGCAGGGGAAGGTATGGCCTTTGGAAGGAGCTGGCTCAGTTGTGGGAGGAAGATGCAGGACTGACCGATCCCTGCTCCTGGGGAGCTGAG ACCTTGGAGATAGCCGCAGCCCTCATTTGCAGGGGAAG	480 255
logo	TTCTCTGTCGCTGGACTAGAAAGGGCTTAGAAA	
Proband RefSea	TTCTCTGTCGCTGGACTAGAAAGGGCTTAGAAA 513	



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