Logo	GAACGTCAGTCTGCGCTCACATACTCCAGTCTTCTTGTTTCACAGGTTCTGCAGATTGTTTCGTCATCTCCATGGAGTCAAGCTCATGGTTTGAAGTGGCTTTGTGAACCAAACACTGTC	
Proband RefSeq	GAACGTCAGTCTGCGCTCACATACTCCAGTCTTCTTGTTTCACAGGTTCTGCAGATTGTTTCGTCATCTCCATGGAGTCAAGCTCATGGTTTGAAGTGGCTTTGTGAACCAAACACTGTC	12
logo	TCTGACTTTACCCACTCCTCTTCCAGCGTGATGAGACGCTCCAGGATGGCTGTGATACTCACTTCTGCAAGGTCAATGAGAGAGA	
Proband RefSeq	TCTGACTTTACCCACTCCTCTTCCAGCGTGATGAGACGCTCCAGGATGGCTGTGATACTCACTTCTGCAAGGTCAATGAGAGAGA	24 8
logo	CTGCCACCCTTGATGACACAAGTGTCTGCTGAGTACTCATTCTGCTTTACTGTCTCAATCTCTAAGAACAAGATTCTTCTGAATAGTGTGCTCCCAGCTC	
Proband RefSeq	CTGCCCACCCTTTGATGAACACAAGTGTCTGGCTGAGGGAGTGACTCATTCTGCTTTCCTCTTTACTGTCTCAATCTCTAAGAACAAGATTCTTCTGAATAGTGTGCTCCCCAGCTC CTGCCCACCCTTTGATGAACACAAGTGTCTGGCTGAGGGA	36 12
logo	CCACCACCCCCACCCCCCCCCCCCCCCCCCCCCCCCC	
Proband RefSeq	CCACGAGGGGACATGACGATGCCTATAAAATAGATGGAACTAAAATCCAGGGCCTATTTGAGGGTTACCGCGCATAAAGGTCGATCAAACACCGCCATCGGTCTGGGGTTGTACT	48 12
logo	AAAGACGGGGCCCTGTATGTGCCCTCTTTGGCCT	
Proband RefSeq	AAAGACGGGGCGCTGTATGTGCGGCCTCTTGGCCT 520	

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