

Father	.....	0
Mother	.....	0
Sister	TTTTTGCTCCCCCCCCACAGAAGACTGTTGTAAATATTTCTGCATGTTTGTTTTCAAACAAATGTGACAACCACTTTTTTGAAAGCCTTTAGAGCCTCCCAACTTCTTCTCAGCGTCATT	120
Brother	.....	0
Proband	.....	0
RefSeq	.....	0

[illegible]



logo	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G C T T A T T T G G C G T T G C A G G A T T T G T A G G A T T G C A G G A G A G G A G G G A G A G A G A G G G	
Father	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G T C T T A T T T G T G T C T G T T G C A G G A T T T G T T A G G A T T T G C A T G G A T G A G G A T G G G A A T G A G A A G A G G G	198
Mother	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G T C T T A T T T G T G T C T G T T G C A G G A T T T G T T A G G A T T C G C A T G G A T G A G G A T G G G A A T G A G A A G A G G G	204
Sister	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G T C T T A T T T G T G T C T G T T G C A G G A T T T G T T A G G A T T T G C A T G G A T G A G G A T G G G A A T G A G A A G A G G G	356
Brother	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G T C T T A T T T G T G T C T G T T G C A G G A T T T G T T A G G A T T C G C A T G G A T G A G G A T G G G A A T G A G A A G A G G G	198
Proband	T A A G C A G A C A T T G T G A A T G G T T C A G A A T T T C T G G G T G A A A G A T G G G A A C T A A G G T C T T A T T T G T G T C T G T T G C A G G A T T T G T T A G G A T T T G T T G A T T T G C A T G G A T G A G G A T G G G A A T G A G A A G A G G G	201
RefSeq	G A T T T G T T A G G A T T T G C A T G G A T G A G G A T G G G A A T G A G A A G A G G .	44

logos	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T C C C A C G G T A A T T T T C C T C C T T G G T C T A G T C C A G C G C T C C T C T A C T A T A T C T T G T	318
Father	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G T T T A A T T T T T C C T C C T T T G G T C T T A G T C C A G C G C T T C C T C T T A C T A T T A T C T T G T	318
Mother	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G G T T A A T T T T T C C T C C T T T G G T C T T A G T C C A G C G C T T C C T C T T A C T A T T A T C T T G T	324
Sister	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G G T T A A T T T T C C T C C T T T G G T C T A G T C C A G C G C T T C C T C T T A C T A T T A T C T T G T	467
Brother	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G G T T A A T T T T T C C T C C T T T G G T C T T A G T C C A G C G C T T C C T C T T A C T A T T A T C T T G T	318
Proband	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G G T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G G T T A A T T T T T C C T C C T T T G G T C T T A G T C C A G T G C T T C C T T T A C T A T T A T C T T G T	321
RefSeq	T A A G T T C C T T T C T G T T G A C T T T G A A A G A A A G A T T A G A G A T G T G T T T G G G G C T C T G T T C C C A C T G G T T A A T T T T T C C T C C T T T G G T C T T A G T C C A G T G C T T C C T T T A C T A T T A T C T T G T	44

logo								
Father	TTTTGCGG	GTC	CATCTGTACAA	..	..	..	..	340
Mother	TTTTGCGG	.T	CATCTGTACAA	..	..	..	..	347
Sister	TTTTGCGG	GTC	CATCTGTACAA	..	..	..	..	467
Brother	TTTTGCGG	GTC	CATCTGTACAA	..	..	..	..	432
Proband	TTTTGCGG	GTC	CATCTGTACAA	TAAACGTCGTGAGCCGTCGCCATGGGCTCGGGACCCCTACCGACAAAATGATAGTGCTGTACTACAACCACCTGCCTTCACGACCAGGTAAGGA	..	..	..	438
RefSeq	TTTTGCGG	GTC	CATCTGTACAA	..	..	..	..	44

logo

	CCCTACAGTCCTTG	GGGGGGGGGGAGGAAAA	
Father	.....		340
Mother	.....		347
Sister	.....		467
Brother	CCCTACAGTCCTTG	GGGGGGGGGGAGGAAAA	464
Proband	.....		438
RefSeq	.....		44

 non conserved  
 ≥ 50% conserved