

 ${ t TTGTTTGAAGTGATCTTATTGCTTCCCCAGGGGCCAAAAGCGCTMG...NGTNWMASCGTATKWMYACYAWGMSYAA<math>{ t MAGGATCGATAYSRANWANCACKGAGGMTCNAWK.M}$ 

348 136

Proband sec

RefSeq

Mother pri ...... 340 Mother sec Sister pri CCGGGGNG.... 358 TGCWAWMWNA..... 358 Sister sec 469 Brother pri Brother sec GCGTTGWAGAGATTKAGAGGATGCCCGCGGTGATAAGCAGAGKCGGGTCACTGTTKYGKTTSAARKCTGAGCTGGCGAGATGGACKTATMTTATTGWMGGAGAGGGAAAGAGGGCGY 469 394 Proband pri 

394

136

X non conserved
X > 50% conserved

Proband sec

RefSeq