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logo
Proband pri  TGGAGCTCTAGAGCTCAGAGTAGAGCATGTAAGGTTTATAAATGTATAGCAGGGGGAGAAGAGGAGTTGAGAAATGTTCTTACCACACAGACCATACGTCTTTGAAGCAAAAGTCTTGG  120
Proband sec  TGGTGCTCGAGAGCTCAGAGTAGAGCATGTAAGGTTTATAAATGTATAGCAGGGGGAGAAGAGGAGTTGAGAACATGTTCTTACCACACAGACCATACGTCTTTGAAGCAAAAGTCTTGG  120
RefSeq       .......                                                                                                                  0

logo
Proband pri  GGCTGAGCTGCAGTTGGAACTCATTGTTTTGTGGAGTGAATGTGAAGATGTGACCAAGGTGATTGAATCTGACCTCATGCATGATGGCACCATAAACGTTGACTTCCATGTTCCCACCCA  240
Proband sec  GGCTGAGCTGCAGTTGGAACTCATTGTTTTGTGGAGTGAATGTGAAGATGTGACCAAGGTGATTGAATCTGACCTCATGCATGATGGCACCATAAACGTTGACTTCCATGTTCCCACCCA  240
RefSeq       .......                                                                                                                  0

logo
Proband pri  CGTAAGGAACAGAGACCAGTCTCCCATTCACCGTCACCTGCACAAAGAAGAAAGAGCTCATCCGTAGTCCTAGCAATGAGGAATCCTAGGTTTTTAGGGAAGTTACCGAGAGTTCCTGCA  360
Proband sec  CGTAAGGAACAGAGACCAGTCTCCCATTCACCGTCACCTGCACAAAGAAGAAAGAGCTCATCCGTAGTCCTAGCAATGAGGAATCCTAGGTTTTTAGGGAAGTTACCGAGAGTTCCTGCA  360
RefSeq       .......                                                                                                                  0

logo
Proband pri  CATTCAAGAAGCGACCG.ATCAAGGAC.TGTAACGCNCATTACAACGNAGGAACTGANGANG.GTCAAGNNCCATCTGTNGGGANGTTACCTACAGAAAAACACATCTCAACTCCTTGC  477
Proband sec  CATTCAGCAAACCCWCGCRCKACGGWTGCSCAGTNKAGCTGTCRMNGCTTKARGYNGANAMSWGTTNNKWGCTRGMNWCWSNGMTSATRAAGGCGSCTSACGYGGCWAAGRATSATCWNN  480
RefSeq       .......                                                                                                                  0

logo
Proband pri  CNNCGTNTCGGNACTAGNTANGGTGCATCCGNAGCGNAAAANNGGCAGTAGNCCCNGCGTATGNGCNACCCACTATGATGCGATTGACTTTNGATCAACCAGCNAACTGCNTCAGATGCT  597
Proband sec  KAMNSCWWNARCTYNTANGMTTTKSKGYNKWCWNSKTTNNAYGCATTGNWARNCWGRSSY..NGANGGCTYRGAMWTATWWKRAASWCMTNGCCCTYGAKGGNKTRCYCNCGCMGAAAKRA  598
RefSeq       .......                                                                                                                  0

logo
Proband pri  GTNTGNATTNGTGC.GCTACAGNAATGAAGAATTTAAAGCCAANCACAGTAATGCTGTATATTTTNTAAGGAANGCAAAGNCAGGANACGANACCCTGGTTTGT...CAGTCGNNCATTT  713
Proband sec  RNCTNSMRNCRWCMWGTKAAANAGMGCGTASSRACSTGKRYYNRGTTMMTTMG.GMCASGYMMCRNSSCAGCTNWRYAKYNGCMGGNKTTTNATCATWTCTMTATK.ATWANNGGMTGYKY  716
RefSeq                                                          GTGACGGTGAATGGAGACTGGTCTCTGTTCCTTACGTGGGTGGGAACAT   50

logo
Proband pri  AAGNNNTAGATTNNGNGNANCGANCAAGAGNNNTCCCTC.....GGCAACTCCTNTGCNTAAAAAACGTCTACCAT.TCTNNNANCGACTTGTAAGANTTGNTC.CCCCNCCTAANNAGC  826
Proband sec  NNNGCGCSSSNNGNYNYNTTGNKAGTGWNNNGAAWMTCTGACRCGCGRNMWCNCCCYCACTGMWRCCTTSTCTNNNKNAWSKAAGAGCGGNTSMNAAKWGTNCTAAKNNSCWNTTTGTNARY  836
RefSeq       GGAAGTCAACGTTTATGGTGCCATCATGCATGAGGTCAGA....TTCAATCACCTTGGTCACATCTTCACATTCACTCCACAAAACAAT......GAGTTCCAA.CTGCAGCTCAGCCCC  159
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logo
Proband pri   NAAGATNT...TACCCCCTGGAAGATNCGGTTNCCGGCGGNAAGACT   870
Proband sec   WTRARTWYGAGKMNCCACSNRRAAGTTNCGTCGC.............   870
RefSeq        AAGACTTT....TGCTTCAAAGACGTATGGTCTGTGTG.........   193


              X   non conserved
              X   ≥ 50% conserved
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