```
logo    (sequence logo)
Proband pri  TGCAGGCGCATGGTGTGAGACGGTAGGAGGTGGAGGCTGAGATGATGCAAGACCTAGAAGCACCTTTCCATCCATCCCTATCCCATCCCACCAGCCTGACCCCCAGGGATAGAGGCCTCA  120
Proband sec  TGCTGGCGCCTGATATGCTTCTATAGGAGGTGGAGGCTGAGATGACGCAAGACCTAGAAGCACCTTTCCATCCATCCCTATCCCATCCCACCAGCCTGACCCCCAGGGATAGAGGCCTCA  120
RefSeq       ...............................................................................CCCAGAGC.TGCGAGGACAGGAATCTCCGGGAGAACGGGTATGA   43

logo    (sequence logo)
Proband pri  CCTGGAGGGCAGTGGGCATGGCAGCCCTCCACACACTGCACAGGGCAGGC..CAGTGGCTCAGGGTGCTGACACGTGACTTGACAGGCAGGTGCACAGCTGTTATAGCGCCACTCACACT  238
Proband sec  CCTGGAGGGCAGTGGGCATGGCAGCCCTCCACACACTGCACAGGGCAGGC..CAGTGGCTCAGGGTGCTGACACGTGACTTGACAGGCAGGTGCACAGCTGTTATAGCGCCACTCACACT  238
RefSeq       GTGTGAGTGGCGC...TATAACAGCTGTGCACCTGCCTGTCAAGTCACGTGTCAGCACCCTGAGCCACTGGCCTGC..CCTGTGCAGTGTGTGGAGGGCTGCCATGCC..CACTGCCCTC  156

logo    (sequence logo)
Proband pri  CATACCCGTTCTCCCGGAGATTCCTCTCCTCGCAGCTCTGGGCTGTGTAGACAGGAGACAAGGCTGTGGCCACAACAGGCAAAGCCTCCAGGACTGCAGACCCATGTGGTGATGGCCTGC  358
Proband sec  CATACCCGTTCTCCCGGAGATTCCTCTCCTCGCAGCTCTGGGCTGTGTAGACAGGAGACAAGGCTGTGGCCACAACAGGCAAAGCCTCCAGGACTGCAGACCCATGTGGTGATGGCCTGC  358
RefSeq       CAG........................................................................................................  159

logo    (sequence logo)
Proband pri  GCCATCTGGAGATAATGTTGGGGAACTAGGGGACTATGG  397
Proband sec  GCCATCTGGAGATAATGTTGGGGAACTAGGGGACTATGG  397
RefSeq       .......................................  159
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⊠ non conserved
X ≥ 50% conserved