```
logo       GKAGTATAGKNKCTTCGGAGCTGAGCTGAGATGAGGACCAAGGAGTGGGAGGAGAACCTGGAGAGAGAAATATTTTTTTTTCTAGCAGATGGAGTGTTCAACAGTGATGAATAATGTTG
Proband pri CCAGTATAGCNCCCTCAGGAGCTGAGCTGAGATGAGGACCAAGGAGTGGGAGGAGAACCTGGAGAGAGAAATATTTTTTTTTCTAGCAGATTGGAGTGTTCAACAGTGATGAATAATGTTG   120
Proband sec GKAGTATACKNKCTTCTGCAGCTGAGCTGAGATGAGGACCAAGGAGTGGGAGGACAACCTGGAGAGAGAAATATTTTTTTTTCTAGAAGAGTGGAGTGTTCAACAGTGATGAATAATGTTG   120
RefSeq      ...............................................................................................................              0

logo       AATGGGATCCATTAAGCAAATAACTGAAAAAAGTCCCATGGGATTTAGTGACGTGGGGATCATCCATTGGTAACGTTAGCAAGCTGTGCTTCAGGAGGGGTTATGGGACTGGGACCTGGT
Proband pri AATGGGATCAATTAAGCAAATAACTGAAAAAAGTCCCATGGGATTTAGTGACGTGGGGATCATCCATTGGTAACGTTAGCAAGCTGTGCTTCAGGAGGGGTTATGGGACTGGGACCTGGT   240
Proband sec AATGGGATCCATTAAGCAAATAACTGAAAAAAGTCCCATGGGATTTAGTGACGTGGGGATCATCCATTGGTAACGTTAGCAAGCTGTGCTTCAGGAGGGGTTATGGGACTGGGACCTGGT   240
RefSeq      ...............................................................................................................              0

logo       TGGAAGGGGCAGAGAGTGAGTGGGAGGTGAAGATGTGGAGGCAGCGAGTATAGACGAGTCTCGTGAAGCTCGGCTATGATTTTCTTCTCTGCAGCTACTGTGAGGATGGCTTCATGCACT
Proband pri TGGAAGGGGCAGAGAGTGAGTGGGAGGTGAAGATGTGGAGGCAGCGAGTATAGACGAGTCTCGTGAAGCTCGGCTATGATTTTCTTCTCTGCAGCTACTGTGAGGATGGCTTCATGCACT   360
Proband sec TGGAAGGGGCAGAGAGTGAGTGGGAGGTGAAGATGTGGAGGCAGCGAGTATAGACGAGTCTCGTGAAGCTCGGCTATGATTTTCTTCTCTGCAGCTACTGTGAGGATGGCTTCATGCACT   360
RefSeq      ...........................................................................................CTACTGTGAGGATGGCTTCATGCACT    26

logo       GTACCATGAGTGGAGTCCCCGGAAGCTTGCTGCCTGACGCTGTCCTCAGCAGTCCCCTGTCTCATCGCAGTGAGTACTGTCCCCCTGGAAGGCCCATTGACTCCAAATA
Proband pri GTACCATGAGTGGAGTCCCCGGAAGCTTGCTGCCTGACGCTGTCCTCAGCAGTCCCCTGTCTCATCGCAGTGAGTACTGTCCCCCTGGAAGGCCCATTGACTCCAAACA   469
Proband sec GTACCATGAGTGGAGTCCCCGGAAGCTTGCTGCCTGACGCTGTCCTCAGCAGTCCCCTGTCTCATCGCAGTGAGTACTGTCCCCCTGGAAGGCCCATTGACTCCAAATA   469
RefSeq      GTACCATGAGTGGAGTCCCCGGAAGCTTGCTGCCTGACGCTGTCCTCAGCAGTCCCCTGTCTCATCGCA.................................          95
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X non conserved
X ≥ 50% conserved