```
logo     GCGGATCTCTAGATTTCAGTGAGCAGACATTTCAATCCCTCTGAGGCTGTCCCACCACTAATTTGCTCTGACTTTTGTGGCCGTTCCTCTCCTCTAGCTCCCACGTGTGGCCTGTGTGAA
Proband  GCGGATCTCTAGATTTCAGTGAGCAGACATTTCAATCCCTCTGAGGCTGTCCCACCACTAATTTGCTCTGACTTTTGTGGCCGTTCCTCTCCTCTAGCTCCCACGTGTGGCCTGTGTGAA  120
RefSeq   ......................................................................................................CTCCCACGTGTGGCCTGTGTGAA   23

logo     GTAGCCCGCCTCCGCCAGAATGCAGACCAGTGCTGCCCCGAGTATGAGTGTGGTATGTGTCCCACCAGGGGGATGTCTCCAGGGCCCAACCCTAGCCCCAGGGGGCACCACGTTGAAGGT
Proband  GTAGCCCGCCTCCGCCAGAATGCAGACCAGTGCTGCCCCGAGTATGAGTGTGGTATGTGTCCCACCAGGGGGATGTCTCCAGGGCCCAACCCTAGCCCCAGGGGGCACCACGTTGAAGGT  240
RefSeq   GTAGCCCGCCTCCGCCAGAATGCAGACCAGTGCTGCCCCGAGTATGAGTGTG.......................................................................  75

logo     GCTGAAAGGTGAATGCCCCCTGGGGCTAGGGTTGGGCCCTGGACACATCCCCCTGGTGGGACACATACCATACTCATACTCTGGGCAACACTGGTCTGCATTCTGGCGTACGCGGGCTAC
Proband  GCTGAAAGGTGAATGCCCCCTGGGGCTAGGGTTGGGCCCTGGACACATCCCCCTGGTGGGACACATACCATACTCATACTCTGGGCAACACTGGTCTGCATTCTGGCGTACGCGGGCTAC  360
RefSeq   ......................................................................................................................  75

logo     ATCACACACTTGCATGAGTCATCTAGAATATATAAAGGCAACTGAAATCAAAGTTTTAGTGGTGGGACCCCTCATAGGGATTTGAAATATTCTTGCTCAATGAAACTAGTCGAGTTCTAT
Proband  ATCACACACTTGCATGAGTCATCTAGAATATATAAAGGCAACTGAAATCAAAGTTTTAGTGGTGGGACCCCTCATAGGGATTTGAAATATTCTTGCTCAATGAAACTAGTCGAGTTCTAT  480
RefSeq   ......................................................................................................................  75

logo     ACGTCATCCCACAAGATCCGGCAAGATACCACAACGACAGCATCCTACGTCAAGAAATTCTCAATGGCTGCCATCCCATCACGATCCAGGCATGGCAACAAAATCTCCTGGGGGCTTGTT
Proband  ACGTCATCCCACAAGATCCGGCAAGATACCACAACGACAGCATCCTACGTCAAGAAATTCTCAATGGCTGCCATCCCATCACGATCCAGGCATGGCAACAAAATCTCCTGGGGGCTTGTT  600
RefSeq   ......................................................................................................................  75

logo     TATGAAAAACAACCATCCTGCCCATCTTGACCTTGCTGCTGCATCTTTCCCCTCCCCAGGGGCCTCTGCTGGCATTGCCATCCCGCCCCCCGCCCCCCCCATCCCTCTTCCTCCACCAAA
Proband  TATGAAAAACAACCATCCTGCCCATCTTGACCTTGCTGCTGCATCTTTCCCCTCCCCAGGGGCCTCTGCTGGCATTGCCATCCCGCCCCCCGCCCCCCCCATCCCTCTTCCTCCACCAAA  720
RefSeq   ......................................................................................................................  75
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X non conserved

X ≥ 50% conserved