logo

Block 1 (positions to 120):
```
logo          XXX TAG AGCTAC ACA GCA ATGGATGGAA G C  TGCGTGTCTGTTT AGATCCAGAAATCACACACCATCCAGGTGCACCCAGGCCAGTCCACACCCACCTTCTGCATTTCCCCAGA
Proband pri  AAATAGAAGCTACGACACGCAGATGGATGGAAGTCCTTGCGTGTCTGTTTAGATCCAGAAATCACACACCATCCAGGTGCACCCAGGCCAGTCCACACCCACCTTCTGCATTTCCCCAGA   120
Proband sec  TYYTAGYAGCTACTACATGCAYATGGATGGAACAACATGCGTGTCTGTTTAGATCCAGAAATCACACACCATCCAGGTGCACCCAGGCCAGTCCACACCCACCTTCTGCATTTCCCCAGA   120
RefSeq       ........                                                                                                                    0
```

Block 2 (to 240):
```
logo         GGAGATGTTGCATGAGCTGCTGGGAGGAGATGCCCGTTCACACCACTGTTCTCCACTGCTCAGAGCCCATGAGTTGGCAAAGTCATAAGGGTCCGAGGTCAAGGTCCCTGTGGAGGAAAG
Proband pri  GGAGATGTTGCATGAGCTGCTGGGAGGAGATGCCCGTTCACACCACTGTTCTCCACTGCTCAGAGCCCATGAGTTGGCAAAGTCATAAGGGTCCGAGGTCAAGGTCCCTGTGGAGGAAAG   240
Proband sec  GGAGATGTTGCATGAGCTGCTGGGAGGAGATGCCCGTTCACACCACTGTTCTCCACTGCTCAGAGCCCATGAGTTGGCAAAGTCATAAGGGTCCGAGGTCAAGGTCCCTGTGGAGGAAAG   240
RefSeq       ........                                                                                                                    0
```

Block 3 (to 360):
```
logo         TTTCAGGAAAGTAATGCTTCAGTTATGCCTGTCCCAGAACTTCTGGGTGAAAATTCTAGGTCTGCTGGTGGTTTTGTGTGTTTTGTTTTAATTTTTTATAAAGAGACAGGGTCTGGCTAT
Proband pri  TTTCAGGAAAGTAATGCTTCAGTTATGCCTGTCCCAGAACTTCTGGGTGAAAATTCTAGGTCTGCTGGTGGTTTTGTGTGTTTTGTTTTAATTTTTTATAAAGAGACAGGGTCTGGCTAT   360
Proband sec  TTTCAGGAAAGTAATGCTTCAGTTATGCCTGTCCCAGAACTTCTGGGTGAAAATTCTAGGTCTGCTGGTGGTTTTGTGTGTTTTGTTTTAATTTTTTATAAAGAGACAGGGTCTGGCTAT   360
RefSeq       ........                                                                                                                    0
```

Block 4 (to 480):
```
logo         GTTTCCCAGGCTGGAGTGCGCGGCTATTCACAAGTGCAATCCCACTACTGAGCAGCACAGGAGTTTTGACTTGACCCATCTCTGGCTTGGCTGGT TCACCCCTCC TCA GGCAACCC AGTT T
Proband pri  GTTTCCCAGGCTGGAGTGCGCGGCTATTCACAAGTGCAATCCCACTACTGAGCAGCACAGGAGTTTTGACTTGACCCATCTCTGGCTTGGCTGGTTCACCCCTCCTCGCAGGCAACCCAGTT   480
Proband sec  GTTTCCCAGGCTGGAGTGCGCGGCTATTCACAAGTGCAATCCCACTACTGAGCAGCACAGGAGTTTTGACTTGACCCATCTCTGGCTTGGCTGGTTCACCCCTCCTCGCAGGCAACCCAGTT   480
RefSeq       ..................................................................................................GGACCTTGACCTCGG..ACCCTTAT   23
```

Block 5 (to 600):
```
logo         GTCCCCACTCCCCAGGAGGCCCCCATATTGATGCATAGTGCTCTGCAGCCCAGAACACCTGGGCTCAAGCAATCCTCCCCCATCAGCCTCCCCAGTAGCTGGGAATGCAGGTGTGGGCC
Proband pri  GTCCCCACTCCCCAGGAGGCCCCCATATTGATGCATAGTGCTCTGCAGCCCAGAACACCTGGGCTCAAGCAATCCTCCCCCATCAGCCTCCCCAGTAGCTGGGAATGCAGGTGTGGGCC   600
Proband sec  GTCCCCACTCCCCAGGAGGCCCCCATATTGATGCATAGTGCTCTGCAGCCCAGAACACCTGGGCTCAAGCAATCCTCCCCCATCAGCCTCCCCAGTAGCTGGGAATGCAGGTGTGGGCC   600
RefSeq       GACTTTGCCAACTCATCGGCTCTGAGCAGTGGAGAACAGTGGTGTGAAC....GGGCATCTCCTCCCA.GCAG..CTCATGCAACATCTCCTCTGG.....GGAAATGCAGAAG......   125
```

Block 6 (to 702):
```
logo         ACCACACCAGGCTCTAGGTCTGTTTTTACCTGAATCAAACTTGTATTAAATTAAACAATAAGCATGCATACAGTGCTCAACCTAACACCCACCGTCACTGGA
Proband pri  ACCACACCAGGCTCTAGGTCTGTTTTTACCTGAATCAAACTTGTATTAAATTAAACAATAAGCATGCATACAGTGCTCAACCTAACACCCACCGTCACTGGA   702
Proband sec  ACCACACCAGGCTCTAGGTCTGTTTTTACCTGAATCAAACTTGTATTAAATTAAACAATAAGCATGCATACAGTGCTCAACCTAACACCAACCGTCACTGGA   702
RefSeq       ..................................................................................................... 125
```

☒ non conserved
☒ ≥50% conserved