```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1033247 AB8P72 RS10470 WP 193031264.1 ..MRGVNKVIIIGNLGADPEARQFSNGGSVTNISVATSEQWTDKQSGEKREATEWHRISLFNRLGEIAAQYLRKGSKVYI   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1      ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                          **!!!!**!*!! !!**!****!**! ****!!!!*!*!* *!***!*!!!!*********!*!**!!*!!* !!*

logo
EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENS...GGAPYEEGYGQSQ.......................   126
EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENS...GGAPYDEGYGQSQ.......................   126
EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRA....QQGGMPAQGGMNVPA.......................   133
EGSLRTRKYQDPNGQDRYITEIRAE....QMQMLDGATGGSNDGGGFGGAQGSNQYQNQGSGFAGQNQNQSGQNNFNQQG   154
EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSG....GDFGGNQGSGWNQAP...................AQT   132
consensus                                  !!*****!!*!*  !**!* ******     **!!***   *   !* **  ! ** *

logo
....EAYQRPAQQSRQ.PASDAPS..HPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
....EAYQRPAQQSRQ.PAPDAPS..HPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
..QQGSWGQPQQPA.......KQHQPMQQSAP.QQYSQ.PQYNEPPMDFDDDIPF   177
NNQQGGYNQGGAQGSNQNSFNNQNVPAQQNQF.NKPAQTKPTAMPDGPVDDDIPF   208
NYNQGGYSDNYAQNN...NFNGGNATRPQP.A.QKPA..AQAEPPMDNFDDDIPF   180
consensus                                  ****** ****  *     *     *! ** *   *  *** !****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved