```
logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1094073 ACMHYC RS01335 WP 005227828.1 ..MRGVNKVILVGTLGRDPETKTFPNGGSLTQFSIATSESWMDKSTGERKEQTEWHRIVLHNRLGEIAQQYLRKGSKVYI   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                         **!!!!**! !!*!!*****!*!*** ****!!!!*!*!* *!***!*!!!!*********!*!**!!*!!* !!*
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logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGG.APY.............DEGYGQSQEAYQRPAQQSRQ   138
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGG.APY.............EEGYGQSQEAYQRPAQQSRQ   138
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ.....................GGMNVPAQQGSW   138
NTDB id 1094073 ACMHYC RS01335 WP 005227828.1 EGSLRTRQWTDQNGQERYSTEIRG....DQMQMLDTRQQGEQSGGDF....NQPRFNNNNNQGGGYQNTGYNNNNQNGGF   150
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQ.GGYSDN....YAQNNNF   149
consensus                                    !!*****!***** !**!*******       **!!**!* * *   * *                * *  ** *** **!*   *
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logo

NTDB id 1131 NGFG RS05740 WP 003695064.1     PAPDAPS...HPQEAPA..APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      PASDAPS...HPQEAPA..APRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  GQPQQPAKQHQPM.QQSAPQQYSQP.QYNEPPMDFDDDIPF   177
NTDB id 1094073 ACMHYC RS01335 WP 005227828.1 NGGNQGNYAGSPQAGNGFNTPKAAP.QPAAAPADLDDDLPF   190
NTDB id 1390 A4U84 RS00055 WP 021115958.1     NGGNATR....PQP.....AQKPAA.QAEPPMDNFDDDIPF   180
consensus                                     * ***      !*  * *   *** **  **********!!!*!!
```

X non conserved

X similar

X $\geq 50\%$ conserved