```
logo
NTDB id 624 LCA RS00040 WP 011373726.1        ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1   MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1030762 AB7I05 RS03975 WP 005694052.1 ..MAGINKVIIVGHLGNDPEIRTMPNGDAVANISVATSESWNDRNTGERREVTEWHRIVFYRRQAEICGEYLRKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                         *!*!***! !* !***!****!*!!** **!********** *** * **** * **** !!*******!!* !**

logo
NTDB id 624 LCA RS00040 WP 011373726.1        DGRLQTRNYENQQGQRVYVTEVVVDNF....SLLESRTTTEQRQGDGASQNFNSNQSNGSQQSGFTSPQQTG......NA   143
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYEEGYGQSQEA....YQRPAQQS.RQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNEN....SGGAPYDEGYGQSQEA....YQRPAQQS.RQPAPDA   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1   EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ....GGMPAQ...GGMNVPAQQGSWGQP.....QQPAKQH   148
NTDB id 1030762 AB7I05 RS03975 WP 005694052.1 EGRLKTRKWQDQNGQDRYTTEIQ....GDVMQMLGGRNQN....AGGYGNDMGG.APQS....SY.....QA..RQTNNG   138
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSG....G.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNF   149
consensus                                     *!****!*** * !**** ****    *  * *!**!  *    ***     * *  *      *  *          **

logo
NTDB id 624 LCA RS00040 WP 011373726.1        PAANNTQ....ADPFANNGQAIDISDDDLPF   170
NTDB id 1103 NMB RS07590 WP 002212976.1       PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1   ..QPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1030762 AB7I05 RS03975 WP 005694052.1 NSYQSSRPAP.QQAAPQAEPPMDGFDDDIPF   168
NTDB id 1390 A4U84 RS00055 WP 021115958.1     NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                            **       **  ***  !!!*!!
```

X non conserved
X similar
X $\geq$ 50% conserved