```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        MSDLS...VLSPF.AVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKCRVP   76
NTDB id 1008053 ABLV49 RS17200 WP 349281762.1  .MELG....LWPELVAVLAGILGLLIGSFLNVVIYRVPKIMERQWAEECAELTG..APAEPAEKFNLLIPRSRCSSCGHL   73
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPACQQP   80
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPACHQP   80
NTDB id 1403 DSB67 RS12675 WP 010643256.1       .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQCGTQ   76
NTDB id 1170 A1552VC RS11080 WP 000418747.1     .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQTP   76
consensus                                         **  **   *    * *****!**!!!!!!!!!!*!**!! *!  **            ****!  ! !*!* !  *

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        IRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPDS  156
NTDB id 1008053 ABLV49 RS17200 WP 349281762.1  IRWYENIPVFSYLFLRGKCSACGAPYGVRYPLVEAVTGSLFFFCAWRWGWTPTTLVWCGFSAMLLALAMIDWDTTLLPDD  153
NTDB id 1061 ABD1 RS18470 WP 001152280.1        IRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       IRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
NTDB id 1403 DSB67 RS12675 WP 010643256.1       IRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPDQ  156
NTDB id 1170 A1552VC RS11080 WP 000418747.1     IRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPDQ  156
consensus                                       !! * !!!**!*!*!!!*!  !* ****!!!**!**!** * ***  ****   *  *  ***!*****!!*!! *!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        MTLPLIWLGLIFNLDGGF..VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVS  234
NTDB id 1008053 ABLV49 RS17200 WP 349281762.1  MTFPLLWTGLIAAALQWNPAVSLSAALWGAVAGYLSLWLVYWAFKLATGKDGMGYGDFKLFAALGAWFGWPALVPMILMA  233
NTDB id 1061 ABD1 RS18470 WP 001152280.1        FTLPLAALGLGINTFNIY..TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS  238
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       FTLPLAALGLGINTFNIY..TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS  238
NTDB id 1403 DSB67 RS12675 WP 010643256.1       LTLPLMWTGIALALAGISP.VSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLS  235
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LTLPLLWGGIALALLGFSP.VSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLS  235
consensus                                       *!*!!** !***        ****  **  !***!** !!******!**!!!!*!!!*!!!!!*!!!!!!!*!   !*******

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        SLIGLVAAIVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWR.AVNWWLTHPVR   286
NTDB id 1008053 ABLV49 RS17200 WP 349281762.1  SVIGAVIGIVMKFSSGLREGGYVPFGPFLAGAGFTAMIFGPQSILQFVGL.......   283
NTDB id 1061 ABD1 RS18470 WP 001152280.1        SLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQIMKIYLGG.......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       SLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQIMKIYLGG.......   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1       SVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQILNWYFTSILGV...   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1     SVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKVIDWYFTTWVGQPL.   291
consensus                                       !**! * ******         * !!!*****!*** *******  **
```

X non conserved

X similar

X ≥ 50% conserved