```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSDLS....VLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD..............DESRTFN   62
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPI..............IDHERLT   66
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPI..............IDHEKLT   66
NTDB id 36849 SVI RS01225 WP 013049541.1      MTELITILSHNLWLFSAIAFIFAAVIGSFLNVVIHRFPVMMKREWQQECNQYLNEYHKELIDPISNELERAIDGYPEKYN   80
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIE..............PPKETLT   62
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGIT..............PPEGKLT   62
consensus                                     * ***  *        * * * ****!!!!!!!!*! !**!* *!  **   **                      ****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLIS   142
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIA   146
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIA   146
NTDB id 36849 SVI RS01225 WP 013049541.1      LIVPGSACPKCKTDIKPWHNLPVIGWLMLQGKCASCSSPISARYPIIELLTGLAVAFLALHFGPTLEFAFATVLTFVLIA   160
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LSVPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIA   142
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LSLPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIA   142
consensus                                     !  ! !*!* !  *!* * !*!****!*!*!*!* !* *!* !!!*!!!!!** * ***  ** **  * *******!!*

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LTFIDADTQYLPDSMTLPLIWLGLIFNLDG.GFVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAW   221
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LTFIDFDTQLLPDRFTLPLAALGLGINTFN.IYTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAW   225
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LTFIDFDTQLLPDRFTLPLAALGLGINTFN.IYTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAW   225
NTDB id 36849 SVI RS01225 WP 013049541.1      LTGIDLDEMLLPDQLTLPLLWLGLIINLDS.TFASPSDALIGAAAGYLSLWSVFWAFKLLTGKDGMGYGDFKLLAVFGAW   239
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ATFIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAW   222
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ATFIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAW   222
consensus                                     *!*!! !* *!!! *!!!!***!*****    * * * ***!***!** !! *****!**!!!*!!!*!!!!!*!**!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LGISALPVLIFVSSLIGLVAAIV....MRVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 36849 SVI RS01225 WP 013049541.1      FGWQLLPQIILLSSIVGAVVGIMLIISKRLNKGNPIPFGPYIALAGWIAMIWGNNI...NTWYLSTLYS...   305
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                     *!    !!*****!!**! * *** **  *       * !!!*****!!** ******    * ****
```

X non conserved

X similar

X $\geq$ 50% conserved