```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      ...MSDLSVLSPFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD........DESRTFNLMKPDS   68
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID........HERLTLNKPAS   72
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID........HEKLTLSKPAS   72
NTDB id 70333 VCASEI RS11105 WP 086961931.1   .MIIFDYY...PSLFPILAGIFGLLIGSFLNVVIHRLPIMMEREWKKDCIECFPQLQRDPDVKKELENLNKPFNLNTPRS   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1     .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPK........ETLTLSVPRS   68
NTDB id 1170 A1552VC RS11080 WP 000418747.1   .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPE........GKLTLSLPRS   68
consensus                                       **  **   *    * *** *!**!!!!!!!!*!*!**!! *!  **                **!  ! !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      CCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDA   148
NTDB id 1061 ABD1 RS18470 WP 001152280.1      SCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDF   152
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     SCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDF   152
NTDB id 70333 VCASEI RS11105 WP 086961931.1   RCPKCNTQIRAIDNIPVMSWLLLKGKCHKCDNPISARYPAIELLTALLCVVIGLFFPADWYGFALLFFTFTLVSATFIDL   156
NTDB id 1403 DSB67 RS12675 WP 010643256.1     SCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDL   148
NTDB id 1170 A1552VC RS11080 WP 000418747.1   TCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDF   148
consensus                                     *!* !  *!!   !!!**!*!*!*!*!  !* *!* !!! !!!!!** ***** ** *   ** *  ***!** !!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      DTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISAL   227
NTDB id 1061 ABD1 RS18470 WP 001152280.1      DTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLML   231
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     DTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLML   231
NTDB id 70333 VCASEI RS11105 WP 086961931.1   DTMLLPDQLTLPLMWGGLVLSLFQISPVSLYDAVIGAIAGYLFLWTIFWAFKLLTGKEGMGYGDFKLLAALGAWLGWQQL   236
NTDB id 1403 DSB67 RS12675 WP 010643256.1     DTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSL   228
NTDB id 1170 A1552VC RS11080 WP 000418747.1   DTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQL   228
consensus                                     !! *!!! *!!!!** !*** *  *  **** ***!***!** !! *****!**!!!*!!!*!!!!!*!!!!!!*!   !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      PVLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      PLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     PLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 70333 VCASEI RS11105 WP 086961931.1   PLIILLSSVVGLVFGLIQLRLQNKGIEKAFPFGPYLAIAGWFCLIWGNDL...ISWYLNNMLSM..   297
NTDB id 1403 DSB67 RS12675 WP 010643256.1     PMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   PVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                     !*****!!**!** ***  ***   *    ! !!!*****!!*  **** *   * ***   *
```

X non conserved

X similar

X ≥ 50% conserved