logo

```
NTDB id 92524 AEI24 RS01210 WP 002876312.1   ...MKKIISV....LILALSLLNAKSFEESKKELVKFYNDLGSSYWYDFYCQAPFKVNKKGKYISFEVIKSDLYAPRNEY   73
NTDB id 1237 CJE RS01260 WP 002876312.1      ...MKKIISV....LILALSLLNAKSFEESKKELVKFYNDLGSSYWYDFYCQAPFKVNKKGKYISFEVIKSDLYAPRNEY   73
NTDB id 1178 HJ37 RS00640 WP 001082313.1     MNRTNFLVTFLIALFAIPAFAEHPTSFSQAKRFAREIYQDNQSTF....YCGCSYN....ND..GAIDAASCGYEP....   66
NTDB id 1303 VF RS02230 WP 011261220.1       MKLIRLLISIIAIGSAFNVLAAPPSSFSKAKKEAVKIYLDHPTSF....YCGCDITWKDKKK..GIPDLQSCGYNV....   70
NTDB id 1297 VP RS12690 WP 005461720.1       ...MKYLFTLFLFVLSTSAFSAPPSSFSAAKREAVKIYQDHPSSF....YCGCDIQWQG.KK..GVPDLASCGYQV....   66
NTDB id 1148 A1552VC RS01200 WP 000972596.1  ..MMIFRFVTTLAASLPLLTFAAPISFSHAKNEAVKIYRDHPVSF....YCGCEIRWQG.KK..GIPDLESCGYQV....   67
consensus                                       ** ****          *    *  !!* *!*******!*!  ***     !!**     *   *  *  **  !**!
```

logo

```
NTDB id 92524 AEI24 RS01210 WP 002876312.1   TKKGKINQRIKRIEWEHIMPAQNFGKHLPCWKEGGRKACK.NDPTFAKMEADKQNLVPAIGEINGDRSNFRYAEAPTNLK   152
NTDB id 1237 CJE RS01260 WP 002876312.1      TKKGKINQRIKRIEWEHIMPAQNFGKHLPCWKEGGRKACK.NDPTFAKMEADKQNLVPAIGEINGDRSNFRYAEAPTNLK   152
NTDB id 1178 HJ37 RS00640 WP 001082313.1     ...RKQPKRGERLEWEHVVSAWEIGHQRQCWQNGGRRNCEKNDPEFSKMVSDLHNLVPSVGELNGDRSNFRFGMIP.N.E   141
NTDB id 1303 VF RS02230 WP 011261220.1       ...RKQEKRASRIEWEHVVPAWQFGHQRQCWQDGGRKNCTRKDKQFKLMEADLHNLVPAIGEVNGDRSNFRFSQWNGN.K   146
NTDB id 1297 VP RS12690 WP 005461720.1       ...RKQEKRAARIEWEHVVPAWQFGHQLQCWQSGGRKNCSRNDTAFKLMEADLHNLTPAVGEVNGDRSNFNFSQWNGM.D   142
NTDB id 1148 A1552VC RS01200 WP 000972596.1  ...RKNENRASRIEWEHVVPAWQFGHQLQCWQQGGRKNCTRTSPEFNQMEADLHNLTPAIGEVNGDRSNFSFSQWNGV.D   143
consensus                                       *!*  !* !*!!!!***!***!****!!* !!!**! **** !  !**!**!!*!**!!*!!!!!!!**      *
```

logo

```
NTDB id 92524 AEI24 RS01210 WP 002876312.1   YTQYGNCKVYTDFKAKRFYPANYSKGWIARSYLYMSKTYNIRLSDQERKLMEAWDKQYPMDEKEKR....IRALL.....   223
NTDB id 1237 CJE RS01260 WP 002876312.1      YTQYGNCKVYTDFKAKRFYPANYSKGWIARSYLYMSKTYNIRLSDQERKLMEAWDKQYPMDEKEKR....IRALL.....   223
NTDB id 1178 HJ37 RS00640 WP 001082313.1     SRAYGQCDFEVDFKDRRAEPPANRQGDIARIYFYMRDQYGLRLSRQQTQLFEAWSRMDPVDEWEKLRDLRIRGIQGKSNC   221
NTDB id 1303 VF RS02230 WP 011261220.1       GAYYGQCAFKVDFKGRVAEPPAQSRGAIARTYLYMNQEYRFNLSKSQRQLMNAWDKQYPVSEWECERDKRIAKIQGNHNQ   226
NTDB id 1297 VP RS12690 WP 005461720.1       GVSYGRCDMQVNFKQRKVMPPDRARGSIARTYLYMSKEYGFKLSKQQTQLMSAWNKTYPVDKWECERDKRIAKVQGNHNP   222
NTDB id 1148 A1552VC RS01200 WP 000972596.1  GVTYGQCEMQVNFKERTAMPPERARGAIARTYLYMSEQYGLRLSKAQSQLMQAWNNQYPVSEWECVRDQRIEKVQGNSNR   223
consensus                                       !!*! * **!! **  !*   *! !!!*!*!!*  ! **!!*** *!* !! ***!****!  ** *!  ***  *
```

logo

```
NTDB id 92524 AEI24 RS01210 WP 002876312.1   .........   223
NTDB id 1237 CJE RS01260 WP 002876312.1      .........   223
NTDB id 1178 HJ37 RS00640 WP 001082313.1     YVSGSC...   227
NTDB id 1303 VF RS02230 WP 011261220.1       FVYKACRK.   234
NTDB id 1297 VP RS12690 WP 005461720.1       FVQEACRAL   231
NTDB id 1148 A1552VC RS01200 WP 000972596.1  FVREQCPN.   231
consensus                                    **   *
```

X non conserved
X similar
X ≥ 50% conserved