```
logo
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMKRI.GPRTVLKLQKRWPDLNLMFQLS....SVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSEN   75
NTDB id 1013363 ABVJ71 RS04315 WP 353855768.1  MYNVSERMIFHRLKGLISPSLLTKWWKVDPELYINEEKHHFMQDRSLQT.IDFTRLKQAEENEFPIFQRIVQAYL..KQN   77
NTDB id 114 BSU 16110 NP 389493.1               MDGAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQ...TVTRDQ.IKAAALKNEIEQFYPKLPRVLAAYR..EQG   74
consensus                                       ! **   * * !** ***!****!**! *!** *   *     *****  *  * !** *****! * *** ***   **

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1       HHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDA   154
NTDB id 1013363 ABVJ71 RS04315 WP 353855768.1  IHMIPITSSLYPDTLKNIYDPPPVLFLKGNVSYLNEEKSLGVVGTRLPSSYGKECVKKFVGELVKEDWMIVSGLAKGIDG   157
NTDB id 114 BSU 16110 NP 389493.1               INTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLASGIDG   154
consensus                                       ******!  !!  !! !*!!! *!**!!*** !*  *****!!*!*** *!** ** ***!* * ***!!!!!! !!!*

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1       HAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKS   234
NTDB id 1013363 ABVJ71 RS04315 WP 353855768.1  LAHKECIGQQGKTIGVVAGGFQHLYPKEHVKMAHYMGEHHLLLSEHPPYIKPEKWHFPMRNRLISALTKGTIVIQCKEKS   237
NTDB id 114 BSU 16110 NP 389493.1               MSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQGKEKS   234
consensus                                       **! *** * !*!!*!***!****!!******!* ******!!!!*!* **! **!!!*!!!*!!*!* ***!******!!

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1       GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIG   314
NTDB id 1013363 ABVJ71 RS04315 WP 353855768.1  GSLITAYQALEQGKEVFAVAGSIFDPNSSGPARLIQQGAKLVHSTKDILEEFSFNSVQYTEPL.................   300
NTDB id 114 BSU 16110 NP 389493.1               GSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF.................   297
consensus                                       !!!!!!**!!!!***!*!**!!***! * !* *!*!!!!!** !  !***!*    *!*!**

logo
NTDB id 1250 GC085 RS13065 WP 027219989.1       FETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1013363 ABVJ71 RS04315 WP 353855768.1  ..............................................   300
NTDB id 114 BSU 16110 NP 389493.1               ..............................................   297
consensus
```

X non conserved

X similar

X $\geq$50% conserved