```
logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  MLASKMRWEIQQPDQEKVKSLTEQLDITPLVASLLVKRGFDTAESARLFLHTKDADFYDPYELKGMREAVDRIKLAVSQGEPIMI   85
NTDB id 354 BSU 27620 NP 390640.1           MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQEKIMI   85
consensus                                   !!!!!!!!!!! !!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!*!! !!!! !*!! !*!!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  YGDYDADGVTSTSVMLTALRQLSADVDFYIPDRFTEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAEVAKELGLDVIITDHH  170
NTDB id 354 BSU 27620 NP 390640.1           YGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKELGLDVIITDHH  170
consensus                                   !!!!!!!!!!!!!!!!* !  !!! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  EPGPELPDVFAIIHPKQPGCGYPFKELAGVGVAFKLAHALTGSLPEAMLDLAAIGTVADLVPLHDENRLIASLGIERLRTTNRPG  255
NTDB id 354 BSU 27620 NP 390640.1           EPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLIATLGLERLRRTNRLG  255
consensus                                   !!!!!!!!! !!*!!!!!!! !!!!!!!!!!!!!!!!!! ! !!* *!!!!!!!!*!!!!!!!!!!!!!!*!!*!!!! !!!*!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  LKALIKLSGGDIGQADEETIGFQVAPRLNAVGRIEQADPAVHLLMTEDQFEAEELASDIDRLNKERQKMVKTMTEEAVEMVQQQG  340
NTDB id 354 BSU 27620 NP 390640.1           LKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKERQKMVSKMTDEAIEMVEQQG  340
consensus                                   !! !!!!!!!!!! ! !!!*!!!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!! *!! !!!!!!!!!  !!*!!*!!! !!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  GNPSAIVVAKAGWNPGVVGIVASKLAERFYRPAVVLGIDEEQGIAKGSARSIRGFNLFTSLSQCRDILPHFGGHPMAAGMTLKAE  425
NTDB id 354 BSU 27620 NP 390640.1           LDQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLFESLSECRDILPHFGGHPMAAGMTLKAE  425
consensus                                     **!!!!!!!!!!!!!!!!!!!!! *!!!!!!*!!!!!!! !!!!!!!!!!!!!!!!! !!! !!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  DVAELRDRLNQMAEETLTEEDVIPVQEVDLVCGVEDITVESITELNMLSPFGMLNPKPHVMVKNAVLDDVRLIGANKNHVKMTVK  510
NTDB id 354 BSU 27620 NP 390640.1           DVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGMLNPKPHVLVENAVLEDVRKIGANKTHVKMTIR  510
consensus                                   !!**!! !!! *!* !!!!!! !!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!*! !!!!*!!! !!!!! !!!!!**

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  SDSAVLDCVGFNKGELEAGVVPGSTISIVGEMSINEWNNRKKPQLMIKDAAVPEWQLFDIRGKRTWEDTVTALPKEKRVLISFNE  595
NTDB id 354 BSU 27620 NP 390640.1           NESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIKDAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKE  595
consensus                                    *!  !!!!!!!!!!!  !*!!!! !!!!!!!!!!!!!!!!!!!!
```

```
logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  KTAQKLREKELTGELAEITSESEAEALQLDGKYAVFLDVPPSADRLQHLLDGKKPERIYFVFINHEEHFLSSFPSRNDFKWFYAF  680
NTDB id 354 BSU 27620 NP 390640.1           DSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAF  680
consensus                                    *   !   *!  !** !*!   ! !  !!! ! ! !!*!!! ! ! *!!*!! !!!!!!*!*!!!*!!!!*!! ! *!!!*!!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  LLKRGAFDFGKHGSELARHRGWSIDTINFMTKVFFDLGFVKIEDGVLSVVSGAKKRDLADSQTYQVKQQLMELDQKLNYSAAHEL  765
NTDB id 354 BSU 27620 NP 390640.1           LLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEEL  765
consensus                                   !!!!!!!!  !!!!!!!*!*!!!**!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!! !!!!!!! !!!!!!!!!!!!!!! !*!!

logo
NTDB id 204415 BAMY RS13085 WP 025853072.1  KEWLNKLMNQGSEAYESTRRT  786
NTDB id 354 BSU 27620 NP 390640.1           KEWLNKLMKQDSEAYESTRRT  786
consensus                                   !!!!!!!! ! !!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved