```
logo
NTDB id 599 KW2 RS05940 WP 021037268.1      ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRADYK..    68
NTDB id 60979 RBAU RS08040 WP 007409770.1   MDQASRCLMVCSINQIISPSLLLKWWKADHSLSFLPDPH........PLTVLSEGKTA.PEAIFREIERKD.PELDEVLSDYRRE    75
NTDB id 114 BSU 16110 NP 389493.1           MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPV..........LQTVTRDQIK.AAALKNEIEQFY.PKLPRVLAAYREQ    73
consensus                                   ****  ** ** ***********!**!*!!* *** *  *          ***** ****   ** **!!**  *** *****!*

logo
NTDB id 599 KW2 RS05940 WP 021037268.1      KFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLK.NPKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAKGIDTASHL   151
NTDB id 60979 RBAU RS08040 WP 007409770.1   GITVIPISSSRYPTWLKAIYDPPAVLYAKGNTLLLEKGRKIGIVGTRKPTEDGIKAVGHLSAELSKKGWVIVSGLASGIDGLSHK   160
NTDB id 114 BSU 16110 NP 389493.1           GINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLASGIDGMSHA   158
consensus                                   ******!**  !! *!* !!*!!******!** !! ***!***!!*! **  !** !**** !* *****!!!!!!*!!!**!!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1      SAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITCERA   236
NTDB id 60979 RBAU RS08040 WP 007409770.1   ASIRAKGLTIGVIAGGFHHIYPRENLLLAEYMAEHHLLLSEHPPETKPKKWHFPMRNRIISGLSEGIVVVQGKEKSGSLITAYQA   245
NTDB id 114 BSU 16110 NP 389493.1           ASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQGKEKSGSLITAYQA   243
consensus                                   **!**!* !!*!!**!* **!!*!!* *****!*****!!!*****!! !*!!!*!!!!!*!!!*!**!!**!**!!!!!!***!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1      LEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN........   282
NTDB id 60979 RBAU RS08040 WP 007409770.1   LDQGREVFAVPGSIFNPYSGGPIKLIQEGAKAVLCTEDIDGELTARCVQYTEPF   299
NTDB id 114 BSU 16110 NP 389493.1           LEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
consensus                                   !**!!**!!*!!********!***!!!*!!!*** **!! *!*  * *******
```

X non conserved

X similar

X ≥ 50% conserved