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logo

NTDB id 133148 OY17 RS11050 WP 014417764.1  MDQASRCLMVCSINQIISPSLLLKWWKADHSLSFLPDPH........PLTVLSEGKTA.PEAIFREIERKE.PELDEVLSDYRRK   75
NTDB id 114 BSU 16110 NP 389493.1           MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPV..........LQTVTRDQIK.AAALKNEIEQFY.PKLPRVLAAYREQ   73
NTDB id 599 KW2 RS05940 WP 021037268.1      ...............MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRADYK..   68
consensus                                   ****  ** ** *********!**!*!!* *** *  *          ***** ****   ** **!!**  *** *****!*

logo

NTDB id 133148 OY17 RS11050 WP 014417764.1  GITVIPISSSRYPTWLKAIYDPPAVLYAKGNTLLLEKGRKIGIVGTRKPTEDGIKAAGHLSAELSKKGWVIVSGLASGIDGLSHK  160
NTDB id 114 BSU 16110 NP 389493.1           GINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLASGIDGMSHA  158
NTDB id 599 KW2 RS05940 WP 021037268.1      KFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLK.NPKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAKGIDTASHL  151
consensus                                   ******!**  !! *!* !!*!!******!** !! ***!***!!*! **  !** ***** !* *****!!!!!!*!!!**!!

logo

NTDB id 133148 OY17 RS11050 WP 014417764.1  ASIRAKGLTIGVIAGGFHHIYPRENLLLAEYMAEHHLLLSEHPPETKPKKWHFPMRNRIISGLSEGIVVVQGKEKSGSLITAYQA  245
NTDB id 114 BSU 16110 NP 389493.1           ASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQGKEKSGSLITAYQA  243
NTDB id 599 KW2 RS05940 WP 021037268.1      SAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITCERA  236
consensus                                   **!**!* !!*!!**!* **!!*!!* *****!*****!!!*****!! !*!!!*!!!!!*!!!*!**!!**!**!!!!!!***!

logo

NTDB id 133148 OY17 RS11050 WP 014417764.1  LDQGREVFAVPGSIFNPYSGGPIKLIQEGAKAVLCAEDIDGELTARCVQYTEPF   299
NTDB id 114 BSU 16110 NP 389493.1           LEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
NTDB id 599 KW2 RS05940 WP 021037268.1      LEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN........   282
consensus                                   !**!!**!!*!!********!***!!!*!!!** !*!! *!*  * *******
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X non conserved

X similar

X ≥ 50% conserved