```
logo
NTDB id 599 KW2 RS05940 WP 021037268.1          ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQ...MGQVAQVKSIPNF....IEQYKNQ    58
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMK.RIGPRTVLKLQKRW................PDLNLMFQLSSVD..LEEAGLPSWLAQTIKNFD.P    60
NTDB id 1064333 ACHD8M RS08785 WP 060561696.1  MDQASRCLMVCSINQIISPSLLLKWWKAD................HSLSFLPDPHSLTVLSEGKTAPEAIFREIERKD.P    63
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLLKWWKAD................PSMSLTSPV..LQTVIRDQIKAAALKNEIEQFY.P    61
consensus                                       ****  ** ******************!**                 ****** ** **  ******* ** **!**** *

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          DVKKLRADY....KKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.   132
NTDB id 1250 GC085 RS13065 WP 027219989.1       DFIKTDLNWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISR   139
NTDB id 1064333 ACHD8M RS08785 WP 060561696.1  ELDEVLSDYR..REGITVIPISSSRYPTWLKAIYDPPAVLYAKGNTLLLEKGRKIGIVGTRKPTEDGIKAVGHLSAELSK   141
NTDB id 114 BSU 16110 NP 389493.1               KLPRVLAAYR..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICR   139
consensus                                       ** *******   **** *****  !! *!**!**!!******!****!********!!*!*** *!** ******!***

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          QSFTIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIA   212
NTDB id 1250 GC085 RS13065 WP 027219989.1       HGVSIVSGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIIS   219
NTDB id 1064333 ACHD8M RS08785 WP 060561696.1  KGWVIVSGLASGIDGLSHKASIRAKGLTIGVIAGGFHHIYPRENLLLAEYMAEHHLLLSEHPPETKPKKWHFPMRNRIIS   221
NTDB id 114 BSU 16110 NP 389493.1               KGWVIVSGLASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIIS   219
consensus                                       ****!!!!!!*!!!***!********!!*!** !****!!***********  ****!!!******!***!!!*!!!!!*

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          GLSRGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN..........   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       GLSLCILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPI   299
NTDB id 1064333 ACHD8M RS08785 WP 060561696.1  GLSEGIVVVQGKEKSGSLITAYQALDQGREVFAVPGSIFNPYSGGPIKLIQEGAKAVLCAEDIDGELTARCVQYTEPF..   299
NTDB id 114 BSU 16110 NP 389493.1               GLSEGVIVVQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF..   297
consensus                                       !!!****!* ****!!!!!!***!!***!***!*!!*** ** *! **!*!*!!! *****!***!*  * *******

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          FSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
                                                ..............................................................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       FSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1064333 ACHD8M RS08785 WP 060561696.1  ..............................................................   299
NTDB id 114 BSU 16110 NP 389493.1               ..............................................................   297
consensus
```

X non conserved

X similar

X ≥ 50% conserved