```
logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   MFSFFKKKPKPAETPLIETPVADALEPTP...............PVAPA....PQ.............AAVLAAIPAHDA    48
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG    80
consensus                                     !!!!!**!*!*  **! ! *! *   * ******************!* ***** *************   *! *! * *

logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   EPAPIA...PP....VPAQPLPAPTAPAEPAPLKKMSWTERLKAGLAKTRDKLGKSLAGVFGGGKIDEDLYEELETVLLT   121
NTDB id 1118 NGFG RS11455 WP 003696286.1      EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT   160
consensus                                     !*!*  ********* ** *** *  *  * * *!* !  !!! !!!!*!!!**!!!!!!!!!! ! !!!!!!!!!!!*!

logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   ADMGMDATVHLLGDVRERVSLKGLKDASELKGALKDSLQDLIGPLEVPLNV.EGKKPFVIMMTGVNGAGKTTSIGKLAKY   200
NTDB id 1118 NGFG RS11455 WP 003696286.1      GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKY   240
consensus                                     *!!!!*!! *!* !!! !!!!!!!!!* !!*!!!!* ! !!! !!! !! **! ! !!!!!* !*!!!!!!!!!!!!!!!!

logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   YQSQGKSVLLAAGDTFRAAAREQLIAWGERNNVTVIAQQGGDSAAVCYDAIQAAVARGIDIVLADTAGRLPTQLHLMEEI   280
NTDB id 1118 NGFG RS11455 WP 003696286.1      FQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEI   320
consensus                                     *! !!!!!!!!!!!!!!!!!!!!! !!! !!!!!!! !  !!!!!!!*!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   KKVKRVIQKALPDAPHEVVLVLDANIGQNTVNQVKAFDDALGLTGLILTKLDGTAKGGVIAAIAKQRPIPLRFVGVGESI   360
NTDB id 1118 NGFG RS11455 WP 003696286.1      KKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGI   400
consensus                                     !!!!!!*!!!*! !!!!***!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!**!!*!  !!*!*!**!!!! !

logo

NTDB id 293301 DK842 RS10335 WP 114061402.1   DDLRPFDSRDYIDALFE   377
NTDB id 1118 NGFG RS11455 WP 003696286.1      DDLRPFDARAFVDALLD   417
consensus                                     !!!!!!! ! **!!! *
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X non conserved

X similar

X $\geq$ 50% conserved