```
logo          MLEKLLSAIKQKVSNYFLGVLPKSYSMSEENNILGLYDEHFLLTKNENLVGILRLEGVSYTHLSTEQLQDLFTERQMALD

NTDB id 268179 C2841 RS00105 WP 000890508.1   MLEKLLSAIKQKVSNYFLGVLPKSYSMSEENNILGLYDEHFLLTKNENLVGILRLEGVSYTHLSTEQLQDLFTERQMALD   80
NTDB id 1219 C694 RS00105 WP 000890508.1      MLEKLLSAIKQKVSNYFLGVLPKSYSMSEENNILGLYDEHFLLTKNENLVGILRLEGVSYTHLSTEQLQDLFTERQMALD   80
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          SLEKVVARLVVKRRKIDHQQNIQSDSQYLQAILNQFENKEVYENQYFLVLESTHSLHGVLEHKKKSLMHANRENFKDILS

NTDB id 268179 C2841 RS00105 WP 000890508.1   SLEKVVARLVVKRRKIDHQQNIQSDSQYLQAILNQFENKEVYENQYFLVLESTHSLHGVLEHKKKSLMHANRENFKDILS   160
NTDB id 1219 C694 RS00105 WP 000890508.1      SLEKVVARLVVKRRKIDHQQNIQSDSQYLQAILNQFENKEVYENQYFLVLESTHSLHGVLEHKKKSLMHANRENFKDILS   160
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          YKAHFLQETLKSLEIQLKNYAPKLLSSKEVLNFYAEYINGFDLPLKPLVGGYLSDSYIASSITFEKDYFIQESFNQKTYN

NTDB id 268179 C2841 RS00105 WP 000890508.1   YKAHFLQETLKSLEIQLKNYAPKLLSSKEVLNFYAEYINGFDLPLKPLVGGYLSDSYIASSITFEKDYFIQESFNQKTYN   240
NTDB id 1219 C694 RS00105 WP 000890508.1      YKAHFLQETLKSLEIQLKNYAPKLLSSKEVLNFYAEYINGFDLPLKPLVGGYLSDSYIASSITFEKDYFIQESFNQKTYN   240
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          RLIGIKAYESERITSIAIGALLYQETPLDIIFSIEPMSVHKTLSFLKERAKFSMSNLVKNELLEYQELVKTKRLSMQKFA

NTDB id 268179 C2841 RS00105 WP 000890508.1   RLIGIKAYESERITSIAIGALLYQETPLDIIFSIEPMSVHKTLSFLKERAKFSMSNLVKNELLEYQELVKTKRLSMQKFA   320
NTDB id 1219 C694 RS00105 WP 000890508.1      RLIGIKAYESERITSIAIGALLYQETPLDIIFSIEPMSVHKTLSFLKERAKFSMSNLVKNELLEYQELVKTKRLSMQKFA   320
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          LNILIKAPSLENLDAQTSLVLGLLFKENLVGVIETFGLKGGYFSFFPERIHLNHRLRFLTSKALACLMVFERQNLGFKAN

NTDB id 268179 C2841 RS00105 WP 000890508.1   LNILIKAPSLENLDAQTSLVLGLLFKENLVGVIETFGLKGGYFSFFPERIHLNHRLRFLTSKALACLMVFERQNLGFKAN   400
NTDB id 1219 C694 RS00105 WP 000890508.1      LNILIKAPSLENLDAQTSLVLGLLFKENLVGVIETFGLKGGYFSFFPERIHLNHRLRFLTSKALACLMVFERQNLGFKAN   400
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          SWGNSPLSVFKNLDYSPFLFNFHNQEVSHKNAKEIARVNGHTLIIGATGSGKSTLISFLMMSALKYQNMRLLAFDRMQGL

NTDB id 268179 C2841 RS00105 WP 000890508.1   SWGNSPLSVFKNLDYSPFLFNFHNQEVSHKNAKEIARVNGHTLIIGATGSGKSTLISFLMMSALKYQNMRLLAFDRMQGL   480
NTDB id 1219 C694 RS00105 WP 000890508.1      SWGNSPLSVFKNLDYSPFLFNFHNQEVSHKNAKEIARVNGHTLIIGATGSGKSTLISFLMMSALKYQNMRLLAFDRMQGL   480
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!


logo          YSFTKFFKGHYHDGQSFSINPFCLEPNLQNLEFLQSFFLSMFDLAPSRDKEALEDMNAISSAIKSLYETLYPKAFSLLDF

NTDB id 268179 C2841 RS00105 WP 000890508.1   YSFTKFFKGHYHDGQSFSINPFCLEPNLQNLEFLQSFFLSMFDLAPSRDKEALEDMNAISSAIKSLYETLYPKAFSLLDF   560
NTDB id 1219 C694 RS00105 WP 000890508.1      YSFTKFFKGHYHDGQSFSINPFCLEPNLQNLEFLQSFFLSMFDLAPSRDKEALEDMNAISSAIKSLYETLYPKAFSLLDF   560
consensus     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 268179 C2841 RS00105 WP 000890508.1	KETLKRTSSNQLGLSLEPYLNNPLFNALNDAFNSAFLNVINLDTITQNPKDLGLLAYYLFYKILEESRKNDSGFLVFLD	640
NTDB id 1219 C694 RS00105 WP 000890508.1	KETLKRTSSNQLGLSLEPYLNNPLFNALNDAFNSAFLNVINLDTITQNPKDLGLLAYYLFYKILEESRKNDSGFLVFLD	640
consensus	!!	

logo

NTDB id 268179 C2841 RS00105 WP 000890508.1	EFKSYVENDLLNTKINALITQARKANGVVVLALQDIYQLSGVKNAHSFLSNMGTLILYPQKNARELKHNFNVPLSETEIS	720
NTDB id 1219 C694 RS00105 WP 000890508.1	EFKSYVENDLLNTKINALITQARKANGVVVLALQDIYQLSGVKNAHSFLSNMGTLILYPQKNARELKHNFNVPLSETEIS	720
consensus	!!!	

logo

NTDB id 268179 C2841 RS00105 WP 000890508.1	FLENTPLYARQVLVKNLGNGSSNMIDVSLESLGRYLKIFNSDSSHVSKVKALQKDYPTEWREKLLRS	787
NTDB id 1219 C694 RS00105 WP 000890508.1	FLENTPLYARQVLVKNLGNGSSNMIDVSLESLGRYLKIFNSDSSHVSKVKALQKDYPTEWREKLLRS	787
consensus	!!!	

X non conserved
X similar
X ≥ 50% conserved