

MKLKLK NFKPNNLWYAVYSSSMIFTWLTSSVQASDLQIYASPTAGKKTIVMMLDTSGSMTNNSYGENRLA MLKNGMNAFLASN

 MKLKLK NFKPNNLWYAVC SSSMIFTWLTSSVVQASDLQIYASPTAGKKTIVMMLDTSGSMTNNSYGENRLA MLKNGMNAFLASN

 MKLKLK NFKPNNLWYAVC SSSMIFTWLTSSVQASDLQIYASPTAGKKTIVMMLDTSGSMTS NSYGENRLA MLKNGMNAFLASN

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249
245

NPVLNDTRVGLGNFSA^{NG}DSRSGQILVAAAPLGDASTLN^TMG^SSQRYKLKQAVAN^{SL}TAG^{SY}TPSAHAYAEAAAYLMGTTT^{YS}NT^{NY}
NPVLNDTRVGLGNFSA^NDSRSGQILVAAAPLGDASTLN^TMG^SSQRYKLKQAVAN^{SL}TAG^{GS}TPSAHAYAEAAAYLMGTTT^YSET^{NY}
NPVLNDTRVGLGNFSA^DDSRSGQILVAAAPLGDASTLN^TMG^SSQRYKLKQAVAS^{SL}TAG^{GY}TPSAHAYAEAAAYLMGTTT^LKNIN^{NL}

[illegible]

NYTYNNLDSGPKSKSNDTASNPNIVWDRNATNSNAVYQSPLPAVANRQSCDGGIYFLSDGEPNNTTNTRSASVMSTALGSTFG
LITAIATAFNKISNDTASNPNIVWDRNATNSNAVYQSPLPAVANRQSCDGGIYFLSDGEPNNTTNTRSASIMSTALGSTFG
* * * * *

ADFNCSGGLSNTTADSGWACMGFAKRLFDKTKNPAGVSIQTAFVGFSGDFSSLSSSDVKNACRLSSRTQ^SDR^KGDD^LACSPNQ^ST
ADFNCSGGLSNTTADSGWACMGFAKRLFDKTKNPAGVSIQTAFVGFSGDFSSLSSSDVKNACRLSSRTQ^SDR^KGDD^LACSPNQ^ST
ADFNCSGGLSNTTADSGWACMGFAKRLFDKTKNPAGVSIQTAFVGFSGDFSSLSSSDVKNACRLSSRTQ^FDR^GGDD^LCSPNQ^T*

N A Y T A P G Y G N G G F F S T Q S S Q G V T D S V I A F I N N L D K V P L E P L T T G A I S V P Y D A L N P K N L Q E Y G Y L R A F E P N P A N T Y L T W R G N L K K Y
 N A V A A P G Y G N G G F F P T Q S S Q G V T D S V I A F I N N L D K V P L E P L T T G A I S V P Y D A L N P K N L Q E Y G Y L R A F E P N P A N T Y L T W R G N L K K Y
 N A I T A P G Y G N G G F F S T Q S A Q G V T D S V I A F I N N L D K V P L E P L T T G A I S V P Y D A L N P K N L Q E Y G Y L R A F E P N P A N T Y L T W R G N L K K Y
 * * * * *

HWLSTAVAGAFEANTSGGLVMNASTGAFRTGTDKYMINSSTYNDGGKVFEGGSYAKVPLPIAGQNETRDAEGNITKYYYAVQSKIRN
 HVVLSGANAGAFEANSGLLVYNASGAFRTGTDKDYNSSTYTGGGKVFLLGGSYANVPLPIAGQPETRDAEGNITKYYYAVQSKIRN
 HVVLSGTNAGAFEANTTGLLVYNATGAFRTGTDKDYNSSTYNDGGKVFEGGSYAKVPLPIAGQNETRDAEGNITKYYYAVQSKIRN
 * * * * *

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



674
658

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



759
743

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



844
828

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



929
913

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



1014
998

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



1099
1083

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



1184
1168

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



1269
1253

logo

NTDB id 136765 RU84 RS01575 WP 023896142.1
NTDB id 1063 ABD1 RS15730 WP 000768961.1
consensus



1284
1268

X non conserved
X similar
X ≥ 50% conserved