

logo

NTDB id 144041 GAH RS00875 WP 048094262.1
NTDB id 64 F7686 RS01490 WP 224732727.1
consensus

MREHSPGPVLRGADIRSIIGSMSSSEDTGRRTTADEDPVRALLNRLERSGRETDKERTVTPSPMSSDTGPKAAPSSSPGHRDPFG
MREHSPGPVLRGADIRSIIGSMSSSEDTGRRTTADEDPVRALLNRLERSGRETDKERTVTPSPMSSDTGPKAAPSSSPGHRDPFG

0
85

logo

NTDB id 144041 GAH RS00875 WP 048094262.1
NTDB id 64 F7686 RS01490 WP 224732727.1
consensus

ILNRVRGMKEAGEAGEEMAEAGPGSEDLPDGVISVEELGSLADLILPKSATFAVEELSINRNEHNFDFVDNARVWSEFDDLFSQL
ILNRVRGMKEAGEAGEEMAEAGPGSEDLPDGVISVEELGSLADLILPKSATFAVEELSINRNEHNFDFVDNARVWSEFDDLFSQL

0
170

logo

NTDB id 144041 GAH RS00875 WP 048094262.1
NTDB id 64 F7686 RS01490 WP 224732727.1
consensus

SSTAFAEAAAAEVASPSSEEVPKPRFGFLQKLRPLRPEMEEETEEACANMMNNLKEFAEPDLDMPPPEVVEEVELVPIVGPVYVY
SSTAFAEAAAAEVASPSSEEVPKPRFGFLQKLRPLRPEMEEETEEACANMMNNLKEFAEPDLDMPPPEVVEEVELVPIVGPVYVY
*****! * ! ***** * * !! ** **** ! ! ** ! ! ! **

47
245

logo

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consensus

VRVKYLSKLTLEYTVYVLEDPITPFERE
SATIDEADHDQLCVTELEDEALEALFLEKEETFERLEFTLPDLPHEAAREALRDAYERIESYKRLIEDYHYHKVLYV
SAIKILEKDLQLYVVEPPLDEFEEA...RHEILRRLEFVLPSLPHRKDKVETLKDAYERITESMKLRIEDDYHYHALFYV
VRVIYDSATHEYTYCVLEPELTPAERELFLEIKERIFETLNIITPDLTREARKALRDAANRIADYGIHLDAVGREKVLVHV
* ** ! * !

127
328

logo

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consensus

LRETLILYGPITPMLKDRYLEDISGNGYKPIYYHTTYSMRNLTYSEDELDSEVAKLAQRSGKYISIAEPMLDATMSDGSRI
ERDFTGDLIDPMLKDRYLEDISGNGYKPIYYHTTYSMRNLTYSEDELDSEVAKLAQRSGKYISIAEPMLDATMSDGSRI
LRETLILYGPITPMLKDRYLEDISGNGYKPIYYHTTYSMRNLTYSEDELDSEVAKLAQRSGKYISIAEPMLDATMSDGSRI
EKEFLGDCLIDPVMHDYIEDISCDGVNCPYVYHTTYESMKNLILYHDAEELDSFVAKLAQRAGKYISIAEPMLDATMSDGSRI
* * !

211
413

logo

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consensus

QMTLAREVTDHGSTFTIRKFRDEPYTPDLEIHTFSVLEQMAIYLWLCENKKSIFAGGTASGKTTSMNAVSLFIPKNSKIVTLE
QMTLAREVTDHGSTFTIRKFRDEPYTPDLEIHTFSVLEQMAIYLWLCENKKSIFAGGTASGKTTSMNAVSLFIPKNSKIVTLE
QMTLAREVTDHGSTFTIRKFRDEPYTPDLEIHTFSVLEQMAIYLWLCENKKSIFAGGTASGKTTSMNAVSLFIPKNSKIVTLE
QMTLAREVTDHGSTFTIRKFRDEPYTPDLEIHTFSVLEQMAIYLWLCENKKSIFAGGTASGKTTSMNAVSLFIPKNSKIVTLE

296
498

logo

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consensus

DTREYMLPHENWIPAVTR...EGGKTIDMYELLRAALRQRPEYILVGEVRGREALTLEFQAMSTGHVTVSTHADSVNGVTHRL
DTREYMLPHENWIPAVTR...EGGKTIDMYELLRAALRQRPEYILVGEVRGREALTLEFQAMSTGHVTVSTHADSVNGVTHRL
DTREYMLPHENWIPAVTR...EGGKTIDMYELLRAALRQRPEYILVGEVRGREALTLEFQAMSTGHVTVSTHADSVNGVTHRL
DTREYMLPHENWIPAVTR...EGGKTIDMYELLRAALRQRPEYILVGEVRGREALTLEFQAMSTGHVTVSTHADSVNGVTHRL

376
583

logo

NTDB id 144041 GAH RS00875 WP 048094262.1
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consensus



461
668

logo

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consensus



514
727

 non conserved
 similar
 ≥ 50% conserved