

logo

NTDB id 145010 XI92 RS21385 WP 001013180.1

NTDB id 96 BSU 24730 NP 390353.1

consensus

MNS|EKVSNTLLKEAYRVQASDLHIVPRQRDVIVQLRYGKDLMTRRDMKKEEGVRLYSHFKFLSSMDIGERRKPKQNGSLYLQKKG

MNGIEIFANTILKEACRVQASDLHIVPRQKDVAVQLRIGKDLMTTRQCTIEKEFGKLVSHFKFLASMDIGERRKPKQNGSLYLQIDG

MDSIEKVSKNLIEEAYLTKASDLHIVPRERDAIHFRVDHALLKKRDMKKEECVRLISHFKFLSAMDIGERRKPKQNGSLTLKLKE

! !! ** !!* !!!*!!!! *! ** !* * !* * ** !! * *!!!!!! !!!!!*!!!!!!!!!! ! *

8585

logo

NTDB id 145010 XI92 RS21385 WP 001013180.1

NTDB id 96 BSU 24730 NP 390353.1

consensus

QNVYLRMSTLPTVYQESLVRIMLPQYSVQSLSKSLFSPSTGATLLSFLRYSHQGLYFTGPTGSGKTTTLYSLVQYIRKKKTRRIV

QEVYLRRLSTLPTVYQESLVIRLHLQASVQPLSHLSLFPSTAAKLLSFLRYSQGLLVFTGPTGSGKTTTMYALLLEVIRKKKTTRRII

GNVHLRMSLPTINEESLVIRVMPQYNIPSIDKLSLFPKTGATLLSFLKHSQGLIFTGPTGSGKTTTLYSLVQYAKKHFNRNIV

!****!!!!!!* !!!!!*!!! **** *!!!!!! !* !!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*

170170

logo

NTDB id 145010 XI92 RS21385 WP 001013180.1

NTDB id 96 BSU 24730 NP 390353.1

consensus

TLEDPVETRSEDLVLYQYNEKAGYTYETGLKAILRHDPDMILYGEIRDAAETAKIAYRAALSMTGHVMTSLHTRDAKGAIYRLEFYG

TLEDPVETRSEDLVLIQINEKAGLYETGLKAILRHDPDIILVGEIRDEETAKIAIRASLTGHVMTTLHTNDAKGAIIRFMDYG

TLEDPVETRDEDLVLYQVNEKAGVITYSAGLKAILRHDPDMIILGEIRDAETAETIAVRAAMTGHVLTSLHTRDAKGAIYRLLEFG

!!!!!! ! *!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*

255255

logo

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NTDB id 96 BSU 24730 NP 390353.1

consensus

ITRQELIEQTYLAYAAQRLVELKCPFCRNKCSLYCRSSRQVRRASYYELLYGKNLQCLQEAKEGHNVTVOYQTLRSSIRKGYALG

ITRQELIEQSLLAVAAQRLVELKCPFCRGKCSL.LCKSMRQVRQASTYELLYGHELKQALKEADGECVTYKKETLESSIRKGYALG

INMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRASVYELLYGKNLQCCIQEAKGNHANYQYQTLRQIRKGIALG

! *!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*

339340

logo

NTDB id 145010 XI92 RS21385 WP 001013180.1

NTDB id 96 BSU 24730 NP 390353.1

consensus

YLTINWVYFLEEDNIDRWVYHEKD

FLEEDVYV.....

YLTNNYDRWVYHEKD

*! ! *****

347356

X

 non conserved

X

 similar

X

 ≥ 50% conserved