

MRNSRLLLPMAAASATAGITAAAYFPAIFLFI¹L²LI³L⁴IKTRHAF⁵LI⁶IVCFFS⁷FI⁸FFV⁹LYAVTDSQNVSSYRQGT¹⁰YQFKAV¹¹ID

TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ
TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ
TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ

TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ
TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ
TIPKIDGDRMSMMVETPDKEKWAAAYRIQSAGEKEQLLYIEPGMSCELTGTTLEEPNHATVPGAFDYNEYLYRQHIHWNYSVTSIQ

NCSEPE¹NFKYK²VL³SLRK⁴HI⁵ISFT⁶NS⁷LL⁸PPD⁹ST¹⁰G¹¹IV¹²QAL¹³TV¹⁴GDR¹⁵FY¹⁶VE¹⁷DE¹⁸VL¹⁹TAY²⁰QKL²¹GW²²HLL²³AI²⁴SG²⁵LHV²⁶GIL²⁷TAG²⁸LFY²⁹IM³⁰IRL³¹G³²

NCSEPE¹NFKYK²VL³SLRK⁴HI⁵ISFT⁶NS⁷LL⁸PPD⁹ST¹⁰G¹¹IV¹²QAL¹³TV¹⁴GDR¹⁵FY¹⁶VE¹⁷DE¹⁸VL¹⁹TAY²⁰QKL²¹GW²²HLL²³AI²⁴SG²⁵LHV²⁶GIL²⁷TAG²⁸LFY²⁹IM³⁰IRL³¹G³²

ITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVRSATAICLSYIVLLLFNPYHLFEAGFQLSFAVSFSLIL
ITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVRSATAICLSYIVLLLFNPYHLFEAGFQLSFAVSFSLIL
ITREKASILLLLFLPLYVMLTGAAPSVLRAALMSGVYLAGSLVKWRVRSATAICLSYIVLLLFNPYHLFEAGFQLSFAVSFSLIL

SSSIFQQVKTSLGQLTIVSLIAQLGSLPILLYHFHQFSIISVPMNMLMVPFYTFCILPGAVAGVLLLSLSASFGRLLFFSWFDLLI
SSSIFQQVKTSLGQLTIVSLIAQLGSLPILLYHFHQFSIISVPMNMLMVPFYTFCILPGAVAGVLLLSLSASFGRLLFFSWFDLLI

SWINRLITNIADVDFVTIMIAHPAPVLLFLFTVTIILLLMAIEKRSLSQLMVTGGICCTVMFLLFIYPCLSSEGEVDMIDIGQGD
SWINRLITNIADVDFVTIMIAHPAPVLLFLFTVTIILLLMAIEKRSLSQLMVTGGICCTVMFLLFIYPCLSSEGEVDMIDIGQGD
SWINRLITNIADVDFVTIMIAHPAPVLLFLFTVTIILLLMAIEKRSLSQLMVTGGICCTVMFLLFIYPCLSSEGEVDMIDIGQGD

SMFVGAPHQGRVLI DTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKGIKQLDALILTHADQDHI GEAEILLKHHKVKRLVIP
SMFVGAPHQGRVLI DTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKGIKQLDALILTHADQDHI GEAEILLKHHKVKRLVIP
SMFVGAPHQGRVLI DTGGTLSYSSEPWREKQHPFSLGEKVLIPFLTAKGIKQLDALILTHADQDHI GEAEILLKHHKVKRLVIP

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NTDB id 107 BSU 25570 NP 390435.1
consensus



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☐ non conserved
☒ similar
☒ ≥ 50% conserved