

logo

NTDB id 233869 BB161 RS05425 WP 000163020.1

NTDB id 262 KZH43 RS08770 WP 001036779.1

NTDB id 221 SPD RS09380 WP 001036779.1

NTDB id 187 SPR RS08930 WP 001036779.1

NTDB id 152 SP RS09870 WP 001036779.1

consensus

MTKKQKQITASIVTLLFSLLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLNKGTRERESENKLG
MNNKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNNKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNNKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNNKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

80
68
68
68
68

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consensus

SLEWNGSGAFIVNGKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
NTAQQITASTVTLFSLLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLNKGTRERESENKLG
NIAWNQSGAFIINQNKTDLNAKVSSAPYAINIENIKKVNQIIVPTKANALLTKATRQYRNREETGNGRTYWKPAAGWHQINGL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

160
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148
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consensus

KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKVRVRYRVTLYYAS

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228
228
228
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consensus

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
DNLSGSHIEAKSSDGSLEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

285
274
274
274
274

X

non conserved

X

similar

X

≥ 50% conserved