

logo

NTDB id 233197 CDH83 RS03405 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

MTKKQKQITASIVTLLFSLLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLNKGTRRELSISNKKLGT

MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

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

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consensus

NIAWNQSGAFINQNKTDLNAKVSSAPYAINIENIKKVNQIVPTKANALLTKATRQYRNREETGNGRTYWKPAAGWHQINGL

SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

SLEWNGSGAFIVNGNKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

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consensus

KGSYNHAVDRGHLIGYALVGSRLRGFDASTSNPKNIATQAAWANQANSNSTGQNYEETLVRKALDRHKTIVRYRVTLIYDR

KGSYTHAVDRGHLIGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS

KGSYTHAVDRGHLIGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS

KGSYTHAVDRGHLIGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS

KGSYTHAVDRGHLIGYALIGGLDGFDASTSNPKNIAVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLIYAS

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consensus

.DNLISSGSHIEAKSSDGSLEFNVFIPNVQSGLLFDYATGKVKQTK

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

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

285

274

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274

- non conserved

similar

≥ 50% conserved