

logo

NTDB id 165939 AV644 RS04875 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

MTKKQKQITASIVTLLFSLLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLKKNVSGTSPRELSESVLTSNVKKQLGT
MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG
MNKKTRQTLIGLLV..LLLLSTGSYYIKQMPSAP.....NSPKTNLSQKKQASEAPSQALAESVLTDAVKSQIKG

80

68

68

68

68

logo

NTDB id 165939 AV644 RS04875 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

SLEWNGSGAFIVNGKTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
NTAQQITASTVTLFSLLAIGLGESKSLPNDHILKQVTDLIISNESGKNTSLKKNVSGTSPRELSESVLTSNVKKQLGT
NIAWNQSGAFIINQNKTDLNAKVSSAPYAINIENIKKVNQIIVPTKANALLTKATRQYRNREETGNGRTYWKPAAGWHQINGL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL
SLEWNGSGAFIVNGKNTNLDAKVSSKPYADNKTKTVGKETVPTVANALLSKATRQYKNRKETGNGSTSWTPPGWHQVKNL

160

148

148

148

148

logo

NTDB id 165939 AV644 RS04875 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

KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS
KGSYNHAVDRGHLLGYALIGGLDGFDASTSNPKNIATQAANQANNSNSTGQNYYESKVRKALDQNKRVRYRVTLIYDR
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS
KGSYTHAVDRGHLLGYALIGGLDGFDASTSNPKNIIVQTAWANQAQAEYSTGQNYYESKVRKALDQNKRVRYRVTLYYAS

240

228

228

228

228

logo

NTDB id 165939 AV644 RS04875 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

NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
DNLSGSHIEAKSSDGSLEFNVFIPNVQSGLLFDYATGKVKQTK
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ
NEDLVPSASQIEAKSSDGELEFNVLVPNVQKGLQLDYRTGEVTVTQ

285

274

274

274

274

- non conserved
- similar
- ≥ 50% conserved