

logo

NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1137813 DQM48 RS02245 WP 058813683.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



80
80
80
80
80
80
80

logo

NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1137813 DQM48 RS02245 WP 058813683.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



160
160
160
160
160
160
160

logo

NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1137813 DQM48 RS02245 WP 058813683.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



240
240
240
240
240
240
240

logo

NTDB id 146 SP RS08570 WP 000614538.1
NTDB id 216 SPD RS08205 WP 000614552.1
NTDB id 182 SPR RS07820 WP 000614552.1
NTDB id 257 KZH43 RS07655 WP 220041236.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1137813 DQM48 RS02245 WP 058813683.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



320
320
320
320
318
318
317

logo

NTDB id 146 SP RS08570 WP 000614538.1	..NPSQAVTEETYPQAPKKHRFKMRYLILLASL.VLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEE	397
NTDB id 216 SPD RS08205 WP 000614552.1	..NPSQAVTEETYPQAPKKHRFKMRYLILLASL.VLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEE	397
NTDB id 182 SPR RS07820 WP 000614552.1	..NPSQAVTEETYPQAPKKHRFKMRYLILLASL.VLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEE	397
NTDB id 257 KZH43 RS07655 WP 220041236.1	..NPSQAVTEETYPQAPKKHRFKMRYLILLASL.VLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEE	397
NTDB id 467 HSISS4 RS06915 WP 021143821.1	PA.PSKQPRKKTTPAKKKKKKNFFSTLLKVFGLVFIIGIIFAYLVFTNPDNVQVPNVVGGELSTAQTKLEGAGFKYGEV	397
NTDB id 1137813 DQM48 RS02245 WP 058813683.1	VNREAADNKIAAKTKKKKSSHRMFGTLVKIFFAVVVVAIAAIFTYTLTSTPASPNNVPDVAGTSLQAAKTSLTSAGLKVGR	398
NTDB id 384 SMU RS02325 WP 002263039.1	DKVDHKS KPKTKPQPKPKKRHLAHLFFKIFFILVALGIAVLTYLVLTQKSTVSVPDVSCDKLSTAKMIRKSGLKVG	397
consensus	*****!*****	

logo

NTDB id 146 SP RS08570 WP 000614538.1	KTEASEKVEEGRVIRTPDAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEKKVPDNLIKIEEEESNESE	476
NTDB id 216 SPD RS08205 WP 000614552.1	KTEASEKVEEGRVIRTPDAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEKKVPDNLIKIEEEESNESE	476
NTDB id 182 SPR RS07820 WP 000614552.1	KTEASEKVEEGRVIRTPDAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEKKVPDNLIKIEEEESNESE	476
NTDB id 257 KZH43 RS07655 WP 220041236.1	KTEASEKVEEGRVIRTPDAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEKKVPDNLIKIEEEESNESE	476
NTDB id 467 HSISS4 RS06915 WP 021143821.1	KEVEDPSVDTGKVITDPTAGTTRKEGSSIDVYVSSGSKGFAIKDYKKNYKDAIEDLTSNFCVSEDQIDIQHVEDPSAE	477
NTDB id 1137813 DQM48 RS02245 WP 058813683.1	KGIYSDTVPSGQVIETNPKAGTSKKEGAKVDIYVSKGTSGFKMKDYTGQNYQEVIKELDKHGISSDKIDVEWITGTNYD	478
NTDB id 384 SMU RS02325 WP 002263039.1	QKIEDLVVGAGKVVRTPSAGSKKREGSSVDIFVAS.AKGFKMEDYTGQDYKDAIDNLTNNYGVSRDISIVLKEVSSDDYS	476
consensus	*****!*****	

logo

NTDB id 146 SP RS08570 WP 000614538.1	AGTVLKQSLPEGTTYDLSKAT.QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE	545
NTDB id 216 SPD RS08205 WP 000614552.1	AGTVLKQSLPEGTTYDLSKAT.QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE	545
NTDB id 182 SPR RS07820 WP 000614552.1	AGTVLKQSLPEGTTYDLSKAT.QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE	545
NTDB id 257 KZH43 RS07655 WP 220041236.1	AGTVLKQSLPEGTTYDLSKAT.QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEE	545
NTDB id 467 HSISS4 RS06915 WP 021143821.1	EGEILSQSPGKNKSFNPKDSKAKIKFRVA.TPKITMPDVTGLTVSTAVQTLNRKNSSSSIEYHYNTGA..KLDKAKI	554
NTDB id 1137813 DQM48 RS02245 WP 058813683.1	CGTITISQTPEKCTK.VASE.DKITFKVA...AIVMPNLICQTYQATAELTALGSSSHIIVFQADATSSTGYSQVKI	551
NTDB id 384 SMU RS02325 WP 002263039.1	CGTVIGQSPKPKGKTYHPSSD.KKITLKV...KVTMPNLKNSTYEAIVSTLTAMGSSSRKAYDASDYS...SEISS	547
consensus	*!*****!*****	

logo

NTDB id 146 SP RS08570 WP 000614538.1	ESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAEG	625
NTDB id 216 SPD RS08205 WP 000614552.1	ESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSV	625
NTDB id 182 SPR RS07820 WP 000614552.1	ESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSV	625
NTDB id 257 KZH43 RS07655 WP 220041236.1	ESEPGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSV	625
NTDB id 467 HSISS4 RS06915 WP 021143821.1	PS.STEILYQDPQAGTSVDGT...VILYVSVATASSLSQSSSSSTT.....HSS	599
NTDB id 1137813 DQM48 RS02245 WP 058813683.1	PSASAVVVAQDPYFGASIEGE...VNLYFSAHSAQSSEVAPSQSV.....SES	597
NTDB id 384 SMU RS02325 WP 002263039.1	PSSSSLVVGQSPYYGNTVSLSSNDDILLYVSTSGGSHGSSSSESSN.....SEG	597
consensus	*!*****!*****	

logo

NTDB id 146 SP RS08570 WP 000614538.1	MVVEQSPRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
NTDB id 216 SPD RS08205 WP 000614552.1	MVVEQSPRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
NTDB id 182 SPR RS07820 WP 000614552.1	MVVEQSPRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
NTDB id 257 KZH43 RS07655 WP 220041236.1	MVVEQSPRAGEKVDLNKTRVKISIIYKPKTTSATP.....	659
NTDB id 467 HSISS4 RS06915 WP 021143821.1	ST.....SS.....STDST..TSSTETSTEATHTELQ	624
NTDB id 1137813 DQM48 RS02245 WP 058813683.1	YET...SETSESSSLSSSSSSSSSSSSSSSTEESSTQDSSSVE	637
NTDB id 384 SMU RS02325 WP 002263039.1	TTS...SEA.....TDSS..SSATTTTS.H.....	616
consensus	*****!*****!*!*	

- non conserved
- similar
- ≥ 50% conserved