

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 1122024 EL147 RS08165 WP 007892968.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
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 1122024 EL147 RS08165 WP 007892968.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
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 1122024 EL147 RS08165 WP 007892968.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
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 1122024 EL147 RS08165 WP 007892968.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



319
319
319
319
316
318
318

logo

NTDB id 146 SP RS08570 WP 000614538.1	KNPSQAVTEETYPQAPKKHRFKMRYLILL..ASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 216 SPD RS08205 WP 000614552.1	KNPSQAVTEETYPQAPKKHRFKMRYLILL..ASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 182 SPR RS07820 WP 000614552.1	KNPSQAVTEETYPQAPKKHRFKMRYLILL..ASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 257 KZH43 RS07655 WP 220041236.1	KNPSQAVTEETYPQAPKKHRFKMRYLILL..ASLVLVAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 1122024 EL147 RS08165 WP 007892968.1	KAPQAS.EQLKKPKKEKKRGRFLGTLFKTLFALFVVGVAIFTFLILTLPNNVKNLSGRDLQTAKADLQALGLKVGNV	395
NTDB id 467 HSISS4 RS06915 WP 021143821.1	PAPSKQPRKKTTPAKKKKKKNNFSTLLKVFGLVFIIGIIFAYLVFTNPDNVQVPPNVVGGELSTAQTKLEGAGFKVGEVK	398
NTDB id 384 SMU RS02325 WP 002263039.1	KVDHKSKPKTKPQPKPKKRRFLARFFKIFFILVALGIAVLTLYLVLTKPSTVSVPDVSGDKLSTAKMILRSGLKVGIVQ	398
consensus	*****!***!**********!*****!***!*****!*****!*****!	

logo

NTDB id 146 SP RS08570 WP 000614538.1	TEASEKVEEGRIIRTDPGAGTGRKEGKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK..KVPDNLKIEEEESNESEA	477
NTDB id 216 SPD RS08205 WP 000614552.1	TEASEKVEEGRIIRTDPGAGTGRKEGKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK..KVPDNLKIEEEESNESEA	477
NTDB id 182 SPR RS07820 WP 000614552.1	TEASEKVEEGRIIRTDPGAGTGRKEGKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK..KVPDNLKIEEEESNESEA	477
NTDB id 257 KZH43 RS07655 WP 220041236.1	TEASEKVEEGRIIRTDPGAGTGRKEGKINLVVSSGKQSFQISNYVGRKSSDVIAELKEK..KVPDNLKIEEEESNESEA	477
NTDB id 1122024 EL147 RS08165 WP 007892968.1	QAPSEDVPEGKVIETNPITAGTTKREGSKVDILVSKGSSGFKVKDYVGDDYQKAMEDLMTTYGLKRRQISIKRVIKDDYNK	475
NTDB id 467 HSISS4 RS06915 WP 021143821.1	EVEDLSVDTCKVIKTDPTAGTTTRKEGSSIDVYVSSGSKGFALKDYKCKNYKDATEDLTSNFGVSEDQIDIQHVDDSAEE	478
NTDB id 384 SMU RS02325 WP 002263039.1	KIEDLNVGAGKVVRTNPSAGSKKREGSSVDIFVAS..AKGFKMEDYTCQDYKDAIDNLTNNYCVSRDISIVLKEVSSDDYSG	477
consensus	*****!***!*****!***!***!*****!*****!*****!*****!*****!*****!*****!*****!	

logo

NTDB id 146 SP RS08570 WP 000614538.1	GTVLKQSLPEGTTYDLSKAT..QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEES.....SESE	548
NTDB id 216 SPD RS08205 WP 000614552.1	GTVLKQSLPEGTTYDLSKAT..QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEES.....SESE	548
NTDB id 182 SPR RS07820 WP 000614552.1	GTVLKQSLPEGTTYDLSKAT..QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEES.....SESE	548
NTDB id 257 KZH43 RS07655 WP 220041236.1	GTVLKQSLPEGTTYDLSKAT..QIVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEEEES.....SESE	548
NTDB id 1122024 EL147 RS08165 WP 007892968.1	QDVLVS.QTPNKGYFNPNGKTKFTLTVAAT.TEITGMPQLICMTYKDAKLLLEKGLDINRVKVGQMNPDGTT.TPVEPNS	552
NTDB id 467 HSISS4 RS06915 WP 021143821.1	GEILSSQSPGKNSFNPKDSKAKTKFRVAT.PKIVTMPDVTGLTVSTAVQTLMNRKNSSSSIEYHYNTGAKLDKAKIPSS	557
NTDB id 384 SMU RS02325 WP 002263039.1	GTVLGQSPKPKGKTYHPSDDKK..ITLKV...VKVTMPNLKNSTYEAIVSTLTAMGSSSRKAY...DASDYSSEISSPSS	550
consensus	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

logo

NTDB id 146 SP RS08570 WP 000614538.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 216 SPD RS08205 WP 000614552.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 182 SPR RS07820 WP 000614552.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 257 KZH43 RS07655 WP 220041236.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSSLEFTKNNLIQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 1122024 EL147 RS08165 WP 007892968.1	DTLIAYQNPLNGQVSLDTGEISLYINSDSKHVSSSSSSSTETSSSSTSSSS.....SSNSSSESSSSSSS	624
NTDB id 467 HSISS4 RS06915 WP 021143821.1	TE..ILYQDPQ...AGTSVDGTVILYVSVATASSSLQSSSSSTH.....SSST.....SSSTDS....TT	609
NTDB id 384 SMU RS02325 WP 002263039.1	SSLVVGQSPPYGNTVSLSSNDDIILYVSTSGGSHGSSSSESNS.....EGTT.....SSEASTDS....SS	609
consensus	*****!***!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

logo

NTDB id 146 SP RS08570 WP 000614538.1	EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP	659
NTDB id 216 SPD RS08205 WP 000614552.1	EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP	659
NTDB id 182 SPR RS07820 WP 000614552.1	EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP	659
NTDB id 257 KZH43 RS07655 WP 220041236.1	EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP	659
NTDB id 1122024 EL147 RS08165 WP 007892968.1	TSISTSTSTSTSSNTVQ.....	642
NTDB id 467 HSISS4 RS06915 WP 021143821.1	SSTETSTEATH...TELQ.....	624
NTDB id 384 SMU RS02325 WP 002263039.1	SATTT....SH.....	616
consensus	*****	

- non conserved
- similar
- ≥ 50% conserved