

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1
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 384 SMU RS02325 WP 002263039.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
consensus



80
80
80
80
80
80
80

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1
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 384 SMU RS02325 WP 002263039.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
consensus



160
160
160
160
160
160
160

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1
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 384 SMU RS02325 WP 002263039.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
consensus



240
240
240
240
240
240
240

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1
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 384 SMU RS02325 WP 002263039.1
NTDB id 467 HSISS4 RS06915 WP 021143821.1
consensus



319
319
319
319
319
318
318

logo

NTDB id 1126198 E0F39 RS09015 WP 000614538.1	KNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVL	VAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 146 SP RS08570 WP 000614538.1	KNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVL	VAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 216 SPD RS08205 WP 000614552.1	KNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVL	VAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 182 SPR RS07820 WP 000614552.1	KNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVL	VAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 257 KZH43 RS07655 WP 220041236.1	KNPSQAVTEETYQPQAPKKHRFKMRYLILLASLVL	VAASLIWILSRTPATIAIPDVAGQTVAEAKATLKKANFEIGEEK	398
NTDB id 384 SMU RS02325 WP 002263039.1	KVDHKSQPKTKPQPKPKKKRHLARHFKIFFILVAIGTAVLTVLVLTKEPSTVSVPDVSGDKLSTAKMIRKSGLVKGVQ		398
NTDB id 467 HSISS4 RS06915 WP 021143821.1	PAPSKQPRKKTPAKKKKKKNEFFSTLLKVLGLVFIGIIFAYLVFTNPDNVQVPMVVGQELSTAQTKLEGAGEKVGEVK		398
consensus	*****!!		

logo

NTDB id 1126198 E0F39 RS09015 WP 000614538.1	TEASEKVEEGRIIRTDPGAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEK	KVPDNLKIEEEEESENESEA	477
NTDB id 146 SP RS08570 WP 000614538.1	TEASEKVEEGRIIRTDPGAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEK	KVPDNLKIEEEEESENESEA	477
NTDB id 216 SPD RS08205 WP 000614552.1	TEASEKVEEGRIIRTDPGAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEK	KVPDNLKIEEEEESENESEA	477
NTDB id 182 SPR RS07820 WP 000614552.1	TEASEKVEEGRIIRTDPGAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEK	KVPDNLKIEEEEESENESEA	477
NTDB id 257 KZH43 RS07655 WP 220041236.1	TEASEKVEEGRIIRTDPGAGTGRKEGTKINLVSSGKQSFQISNYVGRKSSDVIAELKEK	KVPDNLKIEEEEESENESEA	477
NTDB id 384 SMU RS02325 WP 002263039.1	KIEDINVGACKVVRTPSAGSKKRECSVDIFVASAKGFKMEDYTGQDYKDAIDNLTNNYGVSRDSIVLKVSSDDYSG		477
NTDB id 467 HSISS4 RS06915 WP 021143821.1	EVEDLSVDTGKVIKTDPTAGTTRKEGSSIDVYVSSGSKGFALKDYKCKNYKDAIEDLTSNFCVSEIQIDTGHVEDLSAE		478
consensus	*****!!		

logo

NTDB id 1126198 E0F39 RS09015 WP 000614538.1	GTVLKQSLPEGTTYDLSKATQ	IVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE	EESSESE	548
NTDB id 146 SP RS08570 WP 000614538.1	GTVLKQSLPEGTTYDLSKATQ	IVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE	EESSESE	548
NTDB id 216 SPD RS08205 WP 000614552.1	GTVLKQSLPEGTTYDLSKATQ	IVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE	EESSESE	548
NTDB id 182 SPR RS07820 WP 000614552.1	GTVLKQSLPEGTTYDLSKATQ	IVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE	EESSESE	548
NTDB id 257 KZH43 RS07655 WP 220041236.1	GTVLKQSLPEGTTYDLSKATQ	IVLTVAKKATTIQLGNYIGRNSTEVISELKQKKVPENLIKIEE	EESSESE	548
NTDB id 384 SMU RS02325 WP 002263039.1	GTVIGQSPKPKCKTYHPSSDKK	ITLKV...VKVTMPNPKNSTYEBAYSTLTAMGSSSRKAY..DASDYSSSTSSPS		550
NTDB id 467 HSISS4 RS06915 WP 021143821.1	GEILSQSPGKNKSFNPKDKAKIKFRVATPKIVTMPDVTGLTVSTAVQTINRKNSSSSIEYHYNTGAKLDKAKIPSS			557
consensus	*****!!			

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNLQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 146 SP RS08570 WP 000614538.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNLQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 216 SPD RS08205 WP 000614552.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNLQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 182 SPR RS07820 WP 000614552.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNLQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 257 KZH43 RS07655 WP 220041236.1	PGTIMKQSPGAGTTYDVSKPTQIVLTVAKKVTSVAMPSYIGSSLEFTKNLQIVGIKEANIEVVEVTTAPAGSAEGMVV	628
NTDB id 384 SMU RS02325 WP 002263039.1	SSLVVGQSPYYCNIIVSLSSNDDIDILYVSTSGGSHSGSSSESSNS...E.....CTTS.....SEASTDSSSATTT..	614
NTDB id 467 HSISS4 RS06915 WP 021143821.1	TE..ILYQDPQ...AGTSVDGTVILYVSVATASSSLQSSSSSTH...S.....SST.....SSSTSTSTSTETS..	615
consensus	*****!!	

logo

NTDB id 1126198 EOF39 RS09015 WP 000614538.1	EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP	659
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 384 SMU RS02325 WP 002263039.1	SH.....	616
NTDB id 467 HSISS4 RS06915 WP 021143821.1	TEA ^{TE} TELQ.....	624
consensus	***** ^{TE} *****	

- ⓧ

 non conserved
- ⓧ

 similar
- ⓧ

 ≥ 50% conserved