

logo

NTDB id 613 LCA RS05340 WP 231952379.1	MM..WQDYWQRYRRFWVVPCLVLLGTLIAGGFYWHQSQQKTKVTQNE...QL..LATSASK.....TKPATKKTHAAT	66
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.MESITIEKIKBYK..IIVICTGLGLLVGGFFLLKPAPHTP.VKETNLQAEVVAISKDSSST.....EKDVKKEEKKEPV	69
NTDB id 153 SP RS04730 WP 000387344.1	.MEAITIEKIKBYK..IIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVVAISKDSSST.....EKEVKKEEKKEPL	69
NTDB id 160716 HSISS4 RS07515 WP 021143743.1	MKEKILAYVKDNR..LFVSVI AVL MVIFCFFLWMTCGAGNSMEAETSYTDVTTLSTSSSKEGSKSLTEVSSQSKTESEK	78
NTDB id 300 STER RS07485 WP 011681496.1	MKEKILAYVKDNR..LFVSVI AVL MVIFCFFLWMTCGAGNSMEAETSYTDVTTALSTSSSKQSSQSLSEASSQSKTEGSEK	78
consensus	*** ***** **! *****! ** * * ** *****! *	

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NTDB id 613 LCA RS05340 WP 231952379.1	KKKGFFVDIKGAVVYPGIYPTIVSETRIFEV LKNAGGPTDAADTKRLNLAQKLTDLTIYLPKKGEVVIDQELIQAPQQI	146
NTDB id 521 SMSK321 RS04960 WP 000443804.1	EQDLITVDVKGAVKSPGIYDLSVG.SRVNDAYQKAGGLETEQADSKSLNLAQKVSDEALVYVPTKGEESASQ.HTGS....	143
NTDB id 153 SP RS04730 WP 000387344.1	EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAYQKAGGLETEQADSKSLNLAQKVSDEALVYVPTKGEAVSQ.QTGS....	143
NTDB id 160716 HSISS4 RS07515 WP 021143743.1	DKSKVTVDVKGAVANPGVYTLKAS.ARVTDATKAAGGMTEDADAKSVNLAASLSDEEVYVATKDENSVLGQSGTS...	154
NTDB id 300 STER RS07485 WP 011681496.1	VKSKVTVDVKGAVVNPVYTLKAG.ARVTDVVIQAGGMTEDADAKSVNLAASLSDEEVYVANKDENVSVDLQTGTG...	154
consensus	* * **! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 613 LCA RS05340 WP 231952379.1	ATTSERTQEASTGTSANASSTSDTAKIDLNQADSTQLQTLNGICPKKAEQIIAYRDEQKFKQIEDLQKVGIGGPKTFE	226
NTDB id 521 SMSK321 RS04960 WP 000443804.1	CAPSSTSKDKKINLNKASLEELKQVKCLCGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIE	207
NTDB id 153 SP RS04730 WP 000387344.1	GTASSTSKKKVNLNKASLEELKQVKCLCGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE	207
NTDB id 160716 HSISS4 RS07515 WP 021143743.1	QVSDKGGQINAKDCKINLNTATAEELQTISGICAKRAEDIIAYRESHGCFQSVDDLKNVSGIGDKTLD	222
NTDB id 300 STER RS07485 WP 011681496.1	QVSDKGGQAVSKDCKINLNTATSEQLQTISGICAKRAEDVIAYRESHGCFQSVDDLKNVSGIGDKTLD	222
consensus	* *****! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 613 LCA RS05340 WP 231952379.1	KLQSQTCVN	235
NTDB id 521 SMSK321 RS04960 WP 000443804.1	KLKDYVTVD	216
NTDB id 153 SP RS04730 WP 000387344.1	KLKDYVTVD	216
NTDB id 160716 HSISS4 RS07515 WP 021143743.1	KIRESTYVA	231
NTDB id 300 STER RS07485 WP 011681496.1	KIRESLYVA	231
consensus	**** * !	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved