

NTDB id 425	SGO RS10525 WP 012131081.1	.MKNSSNFKKTLQVFIVLLVGFIGVAGTWGFSYFSTPHSATNNQKTAATVVT	TSYKNSNSTTEAVDKVKDAVVS	VITYSESNS	84	
NTDB id 539	SM12261 RS09395 WP 000681587.1	.MKHLKTFYKKGQFLLVVIVISFFSGALGSFSINQLTQKSTEST.	SNNNSTITQTAYK	NENSTTQAVNKVKDAVVS	VITYSANRQ	83
NTDB id 256	KZH43 RS10270 WP 000681597.1	.MKHLKTFYKKGQFLLVVIVISFFSGALGSFSITQLTQKSSVNN.	SNNNSTITQTAYK	NENSTTQAVNKVKDAVVS	VITYSANRQ	83
NTDB id 215	SPD RS10945 WP 000681597.1	.MKHLKTFYKKGQFLLVVIVISFFSGALGSFSITQLTQKSSVNN.	SNNNSTITQTAYK	NENSTTQAVNKVKDAVVS	VITYSANRQ	83
NTDB id 181	SPR RS10425 WP 000681597.1	.MKHLKTFYKKGQFLLVVIVISFFSGALGSFSITQLTQKSSVNN.	SNNNSTITQTAYK	NENSTTQAVNKVKDAVVS	VITYSANRQ	83
NTDB id 145	SP RS11450 WP 000681597.1	.MKHLKTFYKKGQFLLVVIVISFFSGALGSFSITQLTQKSSVNN.	SNNNSTITQTAYK	NENSTTQAVNKVKDAVVS	VITYSANRQ	83
NTDB id 31404	SEZ RS09510 WP 012516520.1	MLKS....KNILKPLWVLAIGFLGCLLAALVNVNGFSQNSLTSSNAKGATTTSNV	SFNNNTTDTTKAVKV	VQDAVVS	VINYQKAAS	80
NTDB id 381	SMU RS09890 WP 002262650.1	MNNTKSHPFLLKWFIPFLVIFLTFILGIVISTLTFNWLTGNK..SFSNN	GKTTVSNVIYDTKSN	TTKAVKNVKN	TVVSVINYQKTDN	83
consensus		*****	*****	*****	*****	84

NTDB id 425	SGO RS10525 WP 012131081.1	DAIF.....DNN.....NSGNENDQVASEGSGVIYRKDKDYAYLVTNT	THVINGAKKVDIRLADGNKVPGEIVGTDTYS	SDISVV	157	
NTDB id 539	SM12261 RS09395 WP 000681587.1	NSVF.....GND.....DTDTDSQQISSESGSVIYKKN	DKEAYIVTNNH	VINGASKVDIRLS	SDGTKVPGEIVGADTFSDIAVV	156
NTDB id 256	KZH43 RS10270 WP 000681597.1	NSVF.....GND.....DTDTDSQRISSESGSVIYKKN	DKEAYIVTNNH	VINGASKVDIRLS	SDGTKVPGEIVGADTFSDIAVV	156
NTDB id 215	SPD RS10945 WP 000681597.1	NSVF.....GND.....DTDTDSQRISSESGSVIYKKN	DKEAYIVTNNH	VINGASKVDIRLS	SDGTKVPGEIVGADTFSDIAVV	156
NTDB id 181	SPR RS10425 WP 000681597.1	NSVF.....GND.....DTDTDSQRISSESGSVIYKKN	DKEAYIVTNNH	VINGASKVDIRLS	SDGTKVPGEIVGADTFSDIAVV	156
NTDB id 145	SP RS11450 WP 000681597.1	NSVF.....GND.....DTDTDSQRISSESGSVIYKKN	DKEAYIVTNNH	VINGASKVDIRLS	SDGTKVPGEIVGADTFSDIAVV	156
NTDB id 31404	SEZ RS09510 WP 012516520.1	PAISNPYINLFGENDTSAVQKEDELS	IHSESGSVIYKKEGNTAYLVTNNH	VIEGAQRIEILTADGSKIVGELV	GADTYSDIAVV	165
NTDB id 381	SMU RS09890 WP 002262650.1	S.....YYNYDS..GSQENKSESDGLGVYGE	SGSVIYKKDGDSAYLVTNNH	VVKDAEKL	IEIMANGKVKVCKLVCSDTYSDIAVI	161
consensus		*****	*****	*****	*****	*****

NTDB id 425	SGO RS10525 WP 012131081.1	RIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRVNSSFSEDGQTIAITQAIQTDAAINPGNSGGPLVNI	242
NTDB id 539	SM12261 RS09395 WP 000681587.1	KISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINI	241
NTDB id 256	KZH43 RS10270 WP 000681597.1	KISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINI	241
NTDB id 215	SPD RS10945 WP 000681597.1	KISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINI	241
NTDB id 181	SPR RS10425 WP 000681597.1	KISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINI	241
NTDB id 145	SP RS11450 WP 000681597.1	KISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINI	241
NTDB id 31404	SEZ RS09510 WP 012516520.1	KVAADKIKTKIAKFADSTKINVGVEVAIAIGSPLGTKYANSVTEGIVSSLSRTVTSRNEAGETISTNAIQTDAAINPGNSGGPLINI	250
NTDB id 381	SMU RS09890 WP 002262650.1	KISSKYVTTVAEFAFNSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNEGETISTNAIQTDAAINPGNSGGALINI	246
consensus		*****	

NTDB id	425	SGO RS10525 WP 012131081.1	QGGVIGITSSKIANNTN..GSTSVEGMGFAIPSDNVVNIEEQLEKNGKVIRPALGIQMVNLSSISSSSSDRLKLPDVKNGGVVR	325
NTDB id	539	SM12261 RS09395 WP 000681587.1	QGGVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNIINTSDIRRLNIPS NVTSGVVVR	322
NTDB id	256	KZH43 RS10270 WP 000681597.1	QGGVIGITSSKIAAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTDIRRLNIPS NVTSGVIVR	322
NTDB id	215	SPD RS10945 WP 000681597.1	QGGVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTDIRRLNIPS NVTSGVIVR	322
NTDB id	181	SPR RS10425 WP 000681597.1	QGGVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTDIRRLNIPS NVTSGVIVR	322
NTDB id	145	SP RS11450 WP 000681597.1	QGGVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTDIRRLNIPS NVTSGVIVR	322
NTDB id	31404	SEZ RS09510 WP 012516520.1	EQQVIGINSSKISSTP.TGSGGAIEGIGFAIPSSDVVTIINQLESNGAVIRPALGITMVNLSNLSTNALIQLNIPITSVTSGVVVA	334
NTDB id	381	SMU RS09890 WP 002262650.1	KGGVIGINSSKIASNSNNSNSGVAVEGMGFAIPSDNVVSIIINQLENGVEVVRPALGISMANLSEASTSGRDTLKLPSDVTSCIVVL	331
consensus			* * * * *	

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NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
NTDB id 181 SPR RS10425 WP 000681597.1
NTDB id 145 SP RS11450 WP 000681597.1
NTDB id 31404 SEZ RS09510 WP 012516520.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



 non conserved
 similar
 ≥ 50% conserved