

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	MQRKDVTPNSDKKSLLLQKFG...IGLAGGLGGALILGGAYSGIIPTPNGGNAATTTSTNHGDTKVSINVSYNVSSDVTTK	77
NTDB id 381 SMU RS09890 WP 002262650.1	MNNTKSHPF...LKWFIPFLVIFLTLFILGVISTL...TFN...WITGNKS.....FSNNGK...TTVSNVIYDTKSNTTK	63
NTDB id 425 SGO RS10525 WP 012131081.1	.MKNSSNFF...KKTTLQVFIIVLLVGFIGGVAGTW...GFS...YFSTPHS.....ATNNNQKTATTVTTSYKNSNSTTE	64
NTDB id 539 SM12261 RS09395 WP 000681587.1	.MKHLKTFY...KKGFQLLVVIVISFFSGALGSF...SIN...QLTQKST.....EST.SNNNSTITQTAYKKNENSTTQ	63
NTDB id 256 KZH43 RS10270 WP 000681597.1	.MKHLKTFY...KKWFQLLVVIVISFFSGALGSF...SIT...QLTQKSS.....VNN.SNNNSTITQTAYKKNENSTTQ	63
NTDB id 215 SPD RS10945 WP 000681597.1	.MKHLKTFY...KKWFQLLVVIVISFFSGALGSF...SIT...QLTQKSS.....VNN.SNNNSTITQTAYKKNENSTTQ	63
NTDB id 181 SPR RS10425 WP 000681597.1	.MKHLKTFY...KKWFQLLVVIVISFFSGALGSF...SIT...QLTQKSS.....VNN.SNNNSTITQTAYKKNENSTTQ	63
NTDB id 145 SP RS11450 WP 000681597.1	.MKHLKTFY...KKWFQLLVVIVISFFSGALGSF...SIT...QLTQKSS.....VNN.SNNNSTITQTAYKKNENSTTQ	63
consensus	***** !*****	

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	AVNKKVDAVSVITYSANRQNSVF	157
NTDB id 381 SMU RS09890 WP 002262650.1	AVKNVKNITVSVINYQKTDNSYYNYDS.....GS.QEKNKSEDLGVYGEKSGVYKKGDSAYLVTNNHVKDAE	133
NTDB id 425 SGO RS10525 WP 012131081.1	AVDKVKDAVSVITYSESNSDAIF.....DNNNSGNENDQVASEGSGVIYRKDKDYAYLVTNTTHVINGAK	129
NTDB id 539 SM12261 RS09395 WP 000681587.1	AVNKKVDAVSVITYSANRQNSVF.....GNDTDTDSQKISSEGSGVIYKKNKDEAYIVTNNHVINAS	128
NTDB id 256 KZH43 RS10270 WP 000681597.1	AVNKKVDAVSVITYSANRQNSVF.....GNDTDTDSQRISSEGSGVIYKKNKDEAYIVTNNHVINAS	128
NTDB id 215 SPD RS10945 WP 000681597.1	AVNKKVDAVSVITYSANRQNSVF.....GNDTDTDSQRISSEGSGVIYKKNKDEAYIVTNNHVINAS	128
NTDB id 181 SPR RS10425 WP 000681597.1	AVNKKVDAVSVITYSANRQNSVF.....GNDTDTDSQRISSEGSGVIYKKNKDEAYIVTNNHVINAS	128
NTDB id 145 SP RS11450 WP 000681597.1	AVNKKVDAVSVITYSANRQNSVF.....GNDTDTDSQRISSEGSGVIYKKNKDEAYIVTNNHVINAS	128
consensus	!*****	

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	GLEVVLSDGTVKVGELVGTDAITDLAVIKISSDKVDQVAEFGNSSKITVGEPAIAIGSPLGSDYANSVTQGISSVNRNI	237
NTDB id 381 SMU RS09890 WP 002262650.1	KLEIMMANGKKVVVKLVGSDTYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRRTV	213
NTDB id 425 SGO RS10525 WP 012131081.1	KVDIRLADGNKVPGEIVGTDITYSDISVVRIPADKVKNAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGISSLSRNV	209
NTDB id 539 SM12261 RS09395 WP 000681587.1	KVDIRLSDGTVKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGISSLSRNV	208
NTDB id 256 KZH43 RS10270 WP 000681597.1	KVDIRLSDGTVKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGISSLSRNV	208
NTDB id 215 SPD RS10945 WP 000681597.1	KVDIRLSDGTVKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGISSLSRNV	208
NTDB id 181 SPR RS10425 WP 000681597.1	KVDIRLSDGTVKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGISSLSRNV	208
NTDB id 145 SP RS11450 WP 000681597.1	KVDIRLSDGTVKVPGEIVGADTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGISSLSRNV	208
consensus	*****	

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	TNKNESGETININAIQTDAAINPGNSGGPLINIQGVIGITSSKIAT...SQQSVVEGMGFAIPNDVNIINQLEKDG	314
NTDB id 381 SMU RS09890 WP 002262650.1	TSQNEGETISTNAIQTDAAINPGNSGGALINIKGVIGINSSKIANSNSGVDVVGSIINQLEKNG	293
NTDB id 425 SGO RS10525 WP 012131081.1	SSRSDEGQTIATQAIQTDAAINPGNSGGPLVNIQGVIGITSSKIANTNN...GSTSVEGMGFAIPNDVNIIEQLEKNG	287
NTDB id 539 SM12261 RS09395 WP 000681587.1	SLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGVIGITSSKIAT...GSTSVEGLGFAIPANDAINIEQLEKNG	284
NTDB id 256 KZH43 RS10270 WP 000681597.1	SLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGVIGITSSKIAT...GSTSVEGLGFAIPANDAINIEQLEKNG	284
NTDB id 215 SPD RS10945 WP 000681597.1	SLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGVIGITSSKIAT...GSTSVEGLGFAIPANDAINIEQLEKNG	284
NTDB id 181 SPR RS10425 WP 000681597.1	SLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGVIGITSSKIAT...GSTSVEGLGFAIPANDAINIEQLEKNG	284
NTDB id 145 SP RS11450 WP 000681597.1	SLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGVIGITSSKIAT...GSTSVEGLGFAIPANDAINIEQLEKNG	284
consensus	*****	

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	KVTRPALGITMSDLTGISSQQQEILKIPASVKTGVVVRGV	EATPAEKAGLEKYDVITKVDGQDVSSITDLQSALYK	394
NTDB id 381 SMU RS09890 WP 002262650.1	EVVRPALGISMANLSEASTSG.RDTLKIPSDVTSGIVVLSTQSGMPAD	GKLLKKYDVITEIDGKKVASISDLQSI	371
NTDB id 425 SGO RS10525 WP 012131081.1	KVIRPALGIQMVNLSLSSSS.SDRLLPDNVKNGVVVRSTQTGMPAD	GKLEKYDVITKIDDTTEISSASDIQSALYKHS	365
NTDB id 539 SM12261 RS09395 WP 000681587.1	KVTRPALGIQMVNLSNINTSD.IRRLNIPSNVTSGVVRSVQSNMPAN	GHLEKYDVITKVDDKEIASSTD	362
NTDB id 256 KZH43 RS10270 WP 000681597.1	KVTRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN	GHLEKYDVITKVDDKEIASSTD	362
NTDB id 215 SPD RS10945 WP 000681597.1	KVTRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN	GHLEKYDVITKVDDKEIASSTD	362
NTDB id 181 SPR RS10425 WP 000681597.1	KVTRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN	GHLEKYDVITKVDDKEIASSTD	362
NTDB id 145 SP RS11450 WP 000681597.1	KVTRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN	GHLEKYDVITKVDDKEIASSTD	362
consensus	*****!*****	*****!*****	

logo

NTDB id 286700 C7I32 RS07015 WP 002368406.1	IGDTIKITYYRNGKEETTSIKLNKSSGDLES	432
NTDB id 381 SMU RS09890 WP 002262650.1	KGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.....	402
NTDB id 425 SGO RS10525 WP 012131081.1	INEEIKVTTYRNGKEETTSIKLTKSIDDLSSE.....	397
NTDB id 539 SM12261 RS09395 WP 000681587.1	IGDTIKITYYRNGKEETTSIKLDKSSGDLES.....	393
NTDB id 256 KZH43 RS10270 WP 000681597.1	IGDTIKITYYRNGKEETTSIKLNKSSGDLES.....	393
NTDB id 215 SPD RS10945 WP 000681597.1	IGDTIKITYYRNGKEETTSIKLNKSSGDLES.....	393
NTDB id 181 SPR RS10425 WP 000681597.1	IGDTIKITYYRNGKEETTSIKLNKSSGDLES.....	393
NTDB id 145 SP RS11450 WP 000681597.1	IGDTIKITYYRNGKEETTSIKLNKSSGDLES.....	393
consensus	*****!*****	

- ⓧ

 non conserved
- ⓧ

 similar
- ⓧ

 ≥ 50% conserved