

NTDB id 425	SGO RS10525 WP 012131081.1	.MKNSSNF	FKKTLQ	VFIVLLV	GFIGVAGTW	GSYFS	TPHSAT	NNQKTA	TTVTS	YKNSNST	TEAVD	DKVKDAVVS	VITYSESNS	84								
NTDB id 539	SM12261 RS09395 WP 000681587.1	.MKHLKTFY	KKGQ	FLLLVIVIS	SFFSGALGSFS	INQLTQK	STEST	.SNNNSTIT	QTAYK	NENSTTQ	AVNKVKDAVVS	VITYSANRQ	83									
NTDB id 256	KZH43 RS10270 WP 000681597.1	.MKHLKTFY	KKGQ	FLLLVIVIS	SFFSGALGSFS	ITQLTQK	SSVNN	.SNNNSTIT	QTAYK	NENSTTQ	AVNKVKDAVVS	VITYSANRQ	83									
NTDB id 215	SPD RS10945 WP 000681597.1	.MKHLKTFY	KKGQ	FLLLVIVIS	SFFSGALGSFS	ITQLTQK	SSVNN	.SNNNSTIT	QTAYK	NENSTTQ	AVNKVKDAVVS	VITYSANRQ	83									
NTDB id 181	SPR RS10425 WP 000681597.1	.MKHLKTFY	KKGQ	FLLLVIVIS	SFFSGALGSFS	ITQLTQK	SSVNN	.SNNNSTIT	QTAYK	NENSTTQ	AVNKVKDAVVS	VITYSANRQ	83									
NTDB id 145	SP RS11450 WP 000681597.1	.MKHLKTFY	KKGQ	FLLLVIVIS	SFFSGALGSFS	ITQLTQK	SSVNN	.SNNNSTIT	QTAYK	NENSTTQ	AVNKVKDAVVS	VITYSANRQ	83									
NTDB id 121179	DX05 RS11105 WP 000728357.1	MK	KKLV	SSLLK	...CS	LIIV	SFAG	CAFASFV	...M	NHNDN	IPNGG	..V	TKTSKVN	YNNITPTT	KA	VKKVQNS	VVSVIN	YKQ	RES	77		
NTDB id 381	SMU RS09890 WP 002262650.1	MNNTKSH	PF	LKWFIP	FLVIFL	TFIL	GVIST	LT	FNW	ITGNK	SFS	NNG	..K	ITVSN	VIYD	TKSN	TTK	AVKN	VKNT	VVSVIN	YKQTDN	83
consensus		***** *****																				

[illegible][illegible]

NTDB id	425	SGO RS10525 WP 012131081.1	QVIGITSSKIANNTNN.....GSTSVEGMGFAIPSNDDVVNIIEQLKNGKVIRPALGIQMVNLSSTSSSSSDRLKLPDNNKNGVV	323
NTDB id	539	SM12261 RS09395 WP 000681587.1	QVIGITSSSKIAT..N.....GGTSVEGLGFAIPANDAINIIEQLKNGKVTRPALGIQMVNLSMINTSDIRRLNIPSNVTSGVV	320
NTDB id	256	KZH43 RS10270 WP 000681597.1	QVIGITSSSKIAT..N.....GGTSVEGLGFAIPANDAINIIEQLKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI	320
NTDB id	215	SPD RS10945 WP 000681597.1	QVIGITSSSKIAT..N.....GGTSVEGLGFAIPANDAINIIEQLKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI	320
NTDB id	181	SPR RS10425 WP 000681597.1	QVIGITSSSKIAT..N.....GGTSVEGLGFAIPANDAINIIEQLKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI	320
NTDB id	145	SP RS11450 WP 000681597.1	QVIGITSSSKIAT..N.....GGTSVEGLGFAIPANDAINIIEQLKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI	320
NTDB id	121179	DX05 RS11105 WP 000728357.1	QVIGINSSKISSSTSNQTSGQSSGGTSVEGMGFAIPSNDDVVKIIINQLESNGQVERPALGISMAGLSNPSTDVITSKLKIPSNVTNGIV	331
NTDB id	381	SMU RS09890 WP 002262650.1	QVIGINSSSKIASNNNS....NSGVAVEGMGFAIPSNDDVVSIINQLEENGCEVVRPALGISMANLSEASTSGRDTLKIPSDDVTSGIV	329
consensus			!!!!!!*!!!** *****!*****!*****!*****!*****!*****!*****!	

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NTDB id 425 SGO RS10525 WP 012131081.1	VRSTQIGMPADGKLEKYDVITKIDDEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLTKSTIDDLISSE....	397
NTDB id 539 SM12261 RS09395 WP 000681587.1	VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLSALYNHNSIGDTIKITYYRNGKEETTSIKLKDSSGDLES.....	393
NTDB id 256 KZH43 RS10270 WP 000681597.1	VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLSALYNHNSIGDTIKITYYRNGKEETTSIKLKNKSSGDLES.....	393
NTDB id 215 SPD RS10945 WP 000681597.1	VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLSALYNHNSIGDTIKITYYRNGKEETTSIKLKNKSSGDLES.....	393
NTDB id 181 SPR RS10425 WP 000681597.1	VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLSALYNHNSIGDTIKITYYRNGKEETTSIKLKNKSSGDLES.....	393
NTDB id 145 SP RS11450 WP 000681597.1	VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLSALYNHNSIGDTIKITYYRNGKEETTSIKLKNKSSGDLES.....	393
NTDB id 121179 DX05 RS11105 WP 000728357.1	VASIQSGMPAQGKLKKYDVITKVDDKEVASPSDLQSLLYGHQVGDSTITVTFYRGENKQTVTIKLTKTSTKDLAKQRANN	409
NTDB id 381 SMU RS09890 WP 002262650.1	VLSTQSGMPADGKLLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.....	402
consensus	!***!***!!**!*!!!!!!**!*!!!!!!**!*!!!!!!**!*!!!!!!**!*!!!!!!**!*!!!!!!**!*!!!!!!**!*!!!!!!	

- X non conserved
- X similar
- X ≥ 50% conserved