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NTDB id 1111 NGFG RS09220 WP 003689814.1	...	MSDLSVLS	PFA.VPLAAV	LG	LVGSFLNVVIYRVPVMMERGWTVFAKEH	LN	PLTDD	ESRTFNL	LMKPD	SCCPK	CRVP	76
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	MQD	IIAYFIQ	NLTALYIAVA	LVSLCIGSFLNVVIYRTPRMMEQD	WQEQ	ECQML	LNPEQPIIDHEK	LTL	SKPASS	CCPAC	CHQP	80
NTDB id 1061 ABD1 RS18470 WP 001152280.1	MQD	IIAYFIQ	NLTALYIAVA	LVSLCIGSFLNVVIYRTPKMMEQD	WQEQ	ECQML	LNPEQPIIDHER	LTL	NKPASS	CCPAC	CHQP	80
NTDB id 1069249 ACFELF RS24755 WP 017148550.1	.MQL	TDYLASH	PLAFVLC	ITILLGLVGSFLNVV	VHRLPKMMERN	NWKA	EAREALG	.LEPEPKQATYN	LVL	PNSAC	PRCGHE	78
NTDB id 1403 DSB67 RS12675 WP 010643256.1	...	MEVFQYY	PWLFVVFAT	IFGLVGSFLNVVIYRLPKIMELEWR	RECA	ESFPEYKIEPPKET	LTL	SVPRSS	CCQCGT	Q		76
NTDB id 1170 A1552VC RS11080 WP 000418747.1	...	MELFYFY	PWLFVPLAT	LFGLVGSFLNVVIYRLPKIMEREWRA	ECA	ASFPEYGITPPEGK	LTL	SLPR	STCPHC	Q	TP	76
consensus		***	*	*	*	***	!*	!*	!*	!*	!*	*

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NTDB id 1111 NGFG RS09220 WP 003689814.1	IRAMQNIPIVSYLLLRGK	CASQCTKISIRYPL	IELLTGVLFLVAVWQY	GWSWITLGGGLILT	AFILSLTFID	ADTQYLPDS	156	
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	IRWYQNIPLISWLVL	RGKCGHCQHPISIRYPA	IELLTMLCSLVVMVFGPT	IQMLFGLVLTWV	LIALTFIDFDTQLLPDR	160		
NTDB id 1061 ABD1 RS18470 WP 001152280.1	IRWYQNIPIVSWLV	RGKCGHCQHPISIRYPA	IELLTMLCSLVVMVFGPT	IQMLFGLVLTWV	LIALTFIDFDTQLLPDR	160		
NTDB id 1069249 ACFELF RS24755 WP 017148550.1	IRPWENIPLVSYLAL	GGKCSSCKAAIGKRYPL	VELATALLSGYVAWH	FGFTWQAGAMLL	LLTWGLAMSL	IDADHQLLPDV	158	
NTDB id 1403 DSB67 RS12675 WP 010643256.1	IRIRDNIPVSWLL	RGKCHNCQAPIN	ARYPLIELLTAFCSGFI	AFHFGFSYFTVAL	VFFTFVLIAATFID	LDTMLLPDQ	156	
NTDB id 1170 A1552VC RS11080 WP 000418747.1	IRVIDNIPLLSWL	ALRGQC	SHCKAPISARYPL	IELLTALMSLVI	ATHFPFEGVFAVAL	LFFFSYVLIAATFID	LDTMLLPDQ	156
consensus	!! * !! ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	!! * ! * ! * ! * ! * ! * ! *	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	MTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTMGMNGDFKLLIAALGAWLGISALPVLIFVSS	235
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVVYLFKVIITGKEGMGYGDFKLLAALGAWMGPLMLPLIVILLSS	239
NTDB id 1061 ABD1 RS18470 WP 001152280.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVVYLFKVIITGKEGMGYGDFKLLAALGAWMGPLMLPLIVILLSS	239
NTDB id 1069249 ACFELF RS24755 WP 017148550.1	LVLPLIWLGLLIANHFGLE.ASLDDALFGAVFGYLSLWSVFWLFKLVITGKEGMGYGDFKLLAMLGAWGGWQIILPLTILLSS	237
NTDB id 1403 DSB67 RS12675 WP 010643256.1	LTLPLMWTGIALALAGISPVSLQDSIIIGAMAGYLCWSVYWLFKLITGKEGMGYGDFKLLAALGAWLGWQSLPMIILLSS	236
NTDB id 1170 A1552VC RS11080 WP 000418747.1	LTLPLLWGIGIALALLGFSPVSLSDAVIGAMAGYLSWSIYWLFKLITGKEGMGYGDFKLLAALGAWLGWQQLPVIIVLLSS	236
consensus	*****!*****	

logo

NTDB id 1111 NGFG RS09220 WP 003689814.1	LIGLVA	AIVMR...	VAKGRHFA	FGPAL	TVSGW	IIFTANDS	VWRAVN	NW	L	THPVR...	286				
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	LLGAI	IGIILL	KL	RND..	NQPF	AFGPY	IAIAGW	VAF	LWGDQIM	...KIY	LG...	286			
NTDB id 1061 ABD1 RS18470 WP 001152280.1	LLGAI	IGIILL	KL	RND..	NQPF	AFGPY	IAIAGW	VAF	LWGDQIM	...KIY	LG...	286			
NTDB id 1069249 ACFELF RS24755 WP 017148550.1	LVGAI	LGVIM	LRLRNA	ESGTP	PIPGPY	LAIAGW	IAL	LWGDQIT	...RTY	LQF	.AGFK.	290			
NTDB id 1403 DSB67 RS12675 WP 010643256.1	VVGVI	IFGLI	IQRL	LQKQ	GIEKA	FPGPY	LAIAGW	VSL	I	WGHQIL	...NWY	FTSIL	GV..	289	
NTDB id 1170 A1552VC RS11080 WP 000418747.1	VVGVI	IFGLI	LR	RQKK	GIDMA	FPGPY	LAIAGW	FAL	LWGD	KVI	...DWY	FTTWV	GQPL	291	
consensus	**!	*	*****		*	!!!!*****!	!*	*****	*		*		*		*

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