

logo

NTDB id 1438	BW25113	RS15435	WP 001333829.1	..MLFDV	FQQYPT	AMPV	LATV	GGLI	IGSFLN	VVIW	RYPI	MLRQ	QMAEFH	GE.....	MSSAQS	KISL	ALPR	SHCP	HCQQT	72		
NTDB id 1111	NGFG	RS09220	WP 003689814.1	MSDL	...SVLS	PFAV	PLAVAL	GLLV	GSLN	VVIYRV	PVMM	ERGWT	VFAKEH	LNPLTD	DESRTF	NLMK	PDSC	CPKC	RV	76		
NTDB id 1061	ABD1	RS18470	WP 001152280.1	MQDII	AFYIQ	NLTALY	IAVALV	SLCIGS	FLNVIY	RTPK	MMED	WQECQ	MLLN	PEQPII	DHER	LT	NKPAS	SC	PACQP	80		
NTDB id 1080	FDQ49	RS18305	WP 022575844.1	MQDII	AFYIQ	NLTALY	IAVALV	SLCIGS	FLNVIY	RTPK	MMED	WQECQ	MLLN	PEQPII	DHER	LT	NKPAS	SC	PACQP	80		
NTDB id 1403	DSB67	RS12675	WP 010643256.1	.MEVFQ	YYY...	PWLFV	VFATIF	GLIV	GSLN	VVIYRL	PKIME	LEWR	RECA	ESFPEY	KIEPP	KETL	TL	SVPR	SSCQ	CGTQ	76	
NTDB id 1170	A1552VC	RS11080	WP 000418747.1	.MELFY	FY...	PWLFV	VLATLF	GLIV	GSLN	VVIYRL	PKIMER	EWRA	ECA	ASFPEY	GITP	PEGK	LT	SLPR	ST	CPHC	QTP	76
consensus				**	**	*	*	*	*	*	*	*****	*	*	*	*	*****	!	!	!*!	*	*

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NTDB id 1438	BW25113	RS15435	WP 001333829.1	IRIRD	NIP	LF	SWL	MLK	GRCD	CAKISK	RYPL	VELL	TALAF	LLAS	LVWP	ES	GWGL	AVMIL	SAWLI	AAS	VIDL	DH	QW	LP	DV	152					
NTDB id 1111	NGFG	RS09220	WP 003689814.1	IRAWQ	NIP	IVS	YLL	LRGK	CASC	QTKIS	IRYPL	IELL	TGV	LFLV	AWQY	GW	SWIT	LGGL	ILTA	FLIS	LT	FI	DA	DT	QY	LP	DS	156			
NTDB id 1061	ABD1	RS18470	WP 001152280.1	IRWYQ	NIP	VIS	SWL	VLRG	KCGH	CQHP	SIRYP	AI	ELL	TMLC	SLV	VVMV	FGPT	IQML	FGLV	LT	WVLI	AL	TF	ID	FD	TQ	LL	PDR	160		
NTDB id 1080	FDQ49	RS18305	WP 022575844.1	IRWYQ	NIP	LIS	SWL	VLRG	KCGH	CQHP	SIRYP	AI	ELL	TMLC	SLV	VVMV	FGPT	IQML	FGLV	LT	WVLI	AL	TF	ID	FD	TQ	LL	PDR	160		
NTDB id 1403	DSB67	RS12675	WP 010643256.1	IRIRD	NIP	VIS	SWL	LLRG	KCHNC	QAPIN	ARYPL	IELL	TAF	CSG	FI	AFH	FGF	S	YFT	VAL	VFF	TF	VLI	AA	TF	ID	LD	TM	LL	PDQ	156
NTDB id 1170	A1552VC	RS11080	WP 000418747.1	IRVID	NIP	LLS	SWL	ALRG	QC	SHCK	APIS	ARYPL	IELL	TAL	MSLV	IAT	HFP	FGV	FAV	ALL	FFS	YV	LI	AA	TF	ID	FD	LT	LL	PDQ	156
consensus				!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!

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NTDB id 1438	BW25113	RS15435	WP 001333829.1	FTQG	VL	WTGL	IAAW	AQQSP	LTLQ	DAV	TGV	LVGF	ITFY	SLRW	IAGI	VL	RKEA	LGMD	VLL	F	AAL	GGW	V	GALS	LP	N	VAL	IAS	232			
NTDB id 1111	NGFG	RS09220	WP 003689814.1	MTLPL	IWL	GLIF	NLD	DGGF	VPLQ	SAV	LGA	VAGY	SSL	WLLC	AVYK	LLTG	KTG	MGN	GDFK	L	AAL	GAWL	G	ISAL	P	V	LIF	VSS	235			
NTDB id 1061	ABD1	RS18470	WP 001152280.1	F	TLPL	AAL	GLG	INT	FN	IY	TSP	NSAI	WGYL	IGFL	CL	WIV	Y	YLF	KVIT	GKEG	MGYG	D	FKLL	AAL	GAWM	G	PLML	P	LIV	LLSS	239	
NTDB id 1080	FDQ49	RS18305	WP 022575844.1	F	TLPL	AAL	GLG	INT	FN	IY	TSP	NSAI	WGYL	IGFL	CL	WIV	Y	YLF	KVIT	GKEG	MGYG	D	FKLL	AAL	GAWM	G	PLML	P	LIV	LLSS	239	
NTDB id 1403	DSB67	RS12675	WP 010643256.1	L	TLPL	MWT	GIAL	ALAG	IS	PVSL	QDS	II	GAM	AGYL	CL	WSV	Y	WLF	KLLT	GKEG	MGYG	D	FKLL	AAL	GAWL	G	WQS	L	PMI	I	LLSS	236
NTDB id 1170	A1552VC	RS11080	WP 000418747.1	L	TLPL	LW	GGIAL	ALL	GFSP	VSLSD	AVI	GAM	AGYLS	LWS	IY	WLF	KLLT	GKEG	MGYG	D	FKLL	AAL	GAWL	G	WQ	Q	L	P	V	I	LLSS	236
consensus				*****	!!	***				****	*	!	*	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!	!!

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NTDB id 1438	BW25113	RS15435	WP 001333829.1	CCGLI	YAV	ITK	RG.....	STTL	PFGP	CLSL	GGI	ATLY	LQAL	F.....																		269
NTDB id 1111	NGFG	RS09220	WP 003689814.1	LIGL	VAA	IVMR...	VAKGR	HFA	FGP	ALT	VSGW	IIFT	AND	SV	VR	AV	NW	LT	HP	V	R...											286
NTDB id 1061	ABD1	RS18470	WP 001152280.1	LLGAI	IIGI	ILK	LRND...	NQP	F	AFG	PYIA	IAGW	VAF	LWGD	QI...	MKI	Y	L	G	G.....												286
NTDB id 1080	FDQ49	RS18305	WP 022575844.1	LLGAI	IIGI	ILK	LRND...	NQP	F	AFG	PYIA	IAGW	VAF	LWGD	QI...	MKI	Y	L	G	G.....												286
NTDB id 1403	DSB67	RS12675	WP 010643256.1	VVGVI	FGLI	QLRL	LQK	GIE	KAF	F	FGP	YLA	IAGW	VSL	I	WGH	QI...	LNW	Y	F	T	S	I	L	G	V...						289
NTDB id 1170	A1552VC	RS11080	WP 000418747.1	VVGVI	FGLI	QLRL	QK	K	GID	MA	F	FGP	YLA	IAGW	FAL	LWGD	KV...	IDW	Y	F	T	T	W	V	G	Q	P	L			291	
consensus				***!!	*	*	*	*	*	!!	!!	!!	!!	!!	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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