

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSE	ALRSALREDPD	ILVGE	MRD	ETIR	ALTA	AETGHL	VFG	TLHT	TS	AAK	233					
NTDB id 1203 PSJM300 01605 AFN76401.1	LTIVEDPIEFVH	HEH	KRC	IVTQREV	GLD	TES	YE	VAL	KNS	SLRQ	APDM	ILIGE	IRSRET	MEYAM	TFAETGHL	CMAT	TLHANNANQ	235	
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEF	IHEHAG	CIITQREV	GID	TDS	FE	VAL	KNT	LRQ	APDV	ILIGE	IRSREV	MDYAL	AF	AETGHL	VFA	TLHANNANQ	236	
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEF	MHPN	KAS	IINQREV	GS	DTLS	FD	DALR	AALRQ	APDV	ILVGE	MRDY	ETI	KAAV	TAAETGHL	VMG	TLHTNS	SAPE	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQS	KKSLINQRE	LHQHTLS	SFAN	ALRSALREDPD	VILVGE	MRDP	PETIGL	ALTA	AETGHL	VFG	TLHT	TGA	AK					235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQS	KKSLINQRE	LHQHTLS	SFAN	ALSSALREDPD	VILVGE	MRDP	PETIGL	ALTA	AETGHL	VFG	TLHT	TGA	AK					235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHS	NNKCLINQREV	HRD	THS	FKN	ALRSALREDPD	VILVGE	LRDQ	ETIS	LALTA	AETGHL	VFG	TLHT	SS	AAK				235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHS	NNKCLINQREV	HRD	THS	FKN	ALRSALREDPD	VILVGE	LRDQ	ETIS	LALTA	AETGHL	VFG	TLHT	SS	AAK				235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQS	KKCLVNQREV	HKDTLS	FN	AALRSALREDPD	ILVGE	LRD	LETIR	LAM	TAAETGHL	VFG	TLHT	NS	SAT	K				235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQS	KKCLVNQREV	HKDTLS	FN	AALRSALREDPD	ILVGE	LRD	LETIR	LAM	TAAETGHL	VFG	TLHT	NS	SAT	K				235
NTDB id 393402 GB930 RS20885 WP 005305010.1	LTIEDPIEFVH	ENK	RCLVNQREV	HRD	TKS	FS	NALRSALREDPD	ILVGE	MRD	LETIR	LAM	TAAETGHL	VFG	TLHT	SS	AAK			235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHES	KKCLVNQREV	HRD	TLG	FSE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHES	KKCLVNQREV	HRD	TLG	FSE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
NTDB id 1020 ACIAD RS04210 WP 01182164.1	LTVEDPIEFVHEP	KKCLINQREV	HRD	TLG	FNE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQS	KKCLINQREV	HRD	THG	FNE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQS	KKCLINQREV	HRD	THG	FNE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQS	KKCLINQREV	HRD	THG	FNE	ALRSALREDPD	ILVGE	MRD	LETIR	LALTA	AETGHL	VFG	TLHT	TS	AAK				235
consensus	***!!!!!!*	*****!!!!***	* *	!!!!*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!	*****!!!!!!*!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERILHLV	PKEQREQFL	LDLSLNL	KG	VIAQQ	LL	LR	DKNG	KGRHGV	F	EV	LINS	PRIAD	LIR	RGE	L	HEL	K	AT	MARS	Q	EV	G	M	Q	313																																																																																																																																																																																																																																																																																																																																								
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDR	IINFF	PADRQ	NQV	WMD	LSLNL	KA	I	V	A	Q	Q	L	V	P	T	P	D	G	K	R	R	A	V	E	L	I	N	T	P	L	A	A	D	L	I	R	K	G	E	V	H	E	L	K	L	M	K	R	S	T	D	L	G	M	Q	315																																																																																																																																																																																																																																																																																																									
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLER	I	I	H	F	D	A	D	R	H	Q	I	F	M	D	LSLNL	LK	A	V	I	S	Q	Q	L	I	P	T	H	D	G	Q	S	R	A	A	E	V	E	L	I	N	T	P	L	L	S	D	I	Y	I	R	Q	G	E	I	Y	K	I	K	E	L	M	A	R	S	G	E	L	G	M	Q	316																																																																																																																																																																																																																																																																																										
NTDB id 1307 DR RS10055 WP 01088596.1	S	L	I	R	I	D	V	F	P	E	E	Q	E	Q	I	R	V	Q	L	A	N	N	L	V	A	M	T	Q	Q	L	L	P	R	A	D	G	Q	R	V	L	A	E	I	L	N	A	P	A	V	R	A	L	I	R	E	G	K	T	F	Q	I	T	S	V	M	Q	T	G	A	R	E	G	M	V	319																																																																																																																																																																																																																																																																																							
NTDB id 1086 NMV RS00245 WP 002218487.1	T	V	D	R	I	D	V	F	P	A	E	K	E	M	V	R	S	M	L	S	E	S	L	T	A	V	I	S	Q	N	L	L	K	T	H	D	G	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q	315																																																																																																																																																																																																																																																																																			
NTDB id 1116 NGFG RS10615 WP 003690200.1	T	V	D	R	I	D	V	F	P	A	E	K	E	M	V	R	S	M	L	S	E	S	L	T	A	V	I	S	Q	N	L	L	K	T	H	D	G	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q	315																																																																																																																																																																																																																																																																																			
NTDB id 1185 GTF74 RS11940 WP 000350195.1	T	I	D	R	I	D	V	F	P	G	S	D	K	D	M	V	R	S	M	L	S	E	S	L	R	A	V	I	A	Q	K	L	L	K	R	.	V	G	G	G	R	V	A	C	H	E	I	M	L	A	T	P	A	I	R	N	L	I	R	E	D	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	A	H	G	M	Q	314																																																																																																																																																																																																																																																																																		
NTDB id 1176 A1552VC RS01160 WP 000350195.1	T	I	D	R	I	D	V	F	P	G	S	D	K	D	M	V	R	S	M	L	S	E	S	L	R	A	V	I	A	Q	K	L	L	K	R	.	V	G	G	G	R	V	A	C	H	E	I	M	L	A	T	P	A	I	R	N	L	I	R	E	D	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	A	H	G	M	Q	314																																																																																																																																																																																																																																																																																		
NTDB id 1283 ACE17W RS02630 WP 010947729.1	T	I	N	R	I	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	A	Q	S	L	L	K	.	N	K	G	G	R	V	A	A	E	I	M	M	C	T	G	A	I	R	N	L	I	R	E	D	K	I	A	Q	M	Y	S	I	I	Q	T	G	Q	A	K	G	M	Q	314																																																																																																																																																																																																																																																																																					
NTDB id 1259 GC085 RS10305 WP 010947729.1	T	I	N	R	I	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	A	Q	S	L	L	K	.	N	K	G	G	R	V	A	A	E	I	M	M	C	T	G	A	I	R	N	L	I	R	E	D	K	I	A	Q	M	Y	S	I	I	Q	T	G	Q	A	K	G	M	Q	314																																																																																																																																																																																																																																																																																					
NTDB id 393402 GB930 RS20885 WP 005305010.1	T	I	D	R	I	D	V	F	P	G	A	E	K	D	M	V	R	S	M	L	S	E	S	L	R	A	V	I	S	Q	T	L	L	K	.	I	G	G	G	R	V	A	A	E	I	M	M	G	I	P	A	V	R	N	L	I	R	E	D	K	I	A	Q	L	Y	S	V	I	Q	T	G	M	T	H	G	M	Q	314																																																																																																																																																																																																																																																																																				
NTDB id 1202 PSJM300 01600 AFN76400.1	T	I	D	R	V	V	D	V	F	P	A	E	E	K	S	M	V	R	S	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K	.	V	G	G	G	R	V	A	A	E	I	M	I	G	T	P	A	I	R	N	L	I	R	E	D	K	V	A	Q	M	Y	S	I	I	Q	T	G	G	S	L	G	M	Q	314																																																																																																																																																																																																																																																																																			
NTDB id 1194 PAKAF RS01995 WP 003084552.1	T	I	D	R	V	V	D	V	F	P	A	E	E	K	A	M	V	R	S	M	L	S	E	S	L	Q	S	V	I	S	Q	T	L	L	K	.	I	G	G	G	R	V	A	A	E	I	M	I	G	T	P	A	I	R	N	L	I	R	E	D	K	V	A	Q	M	Y	S	I	I	Q	T	G	G	S	L	G	M	Q	314																																																																																																																																																																																																																																																																																			
NTDB id 1020 ACIAD RS04210 WP 011182164.1	T	I	D	R	I	D	V	F	P	A	E	E	K	D	M	V	R	S	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K	.	E	G	G	G	R	V	A	A	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	G	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	T	H	G	M	T	314																																																																																																																																																																																																																																																																																				
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	T	I	D	R	V	I	D	V	F	P	A	E	E	K	D	M	V	R	A	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K	.	N	G	G	G	R	V	A	A	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	N	H	G	M	T	314																																																																																																																																																																																																																																																																																			
NTDB id 1060 ABD1 RS04380 WP 000355489.1	T	I	D	R	V	I	D	V	F	P	A	E	E	K	D	M	V	R	A	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K	.	N	G	G	G	R	V	A	A	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	N	H	G	M	T	314																																																																																																																																																																																																																																																																																			
NTDB id 1040 HON27 RS13360 WP 000355489.1	T	I	D	R	V	I	D	V	F	P	A	E	E	K	D	M	V	R	A	M	L	S	E	S	L	Q	A	V	I	S	Q	T	L	L	K	.	N	G	G	G	R	V	A	A	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	I	I	Q	T	G	A	N	H	G	M	T	314																																																																																																																																																																																																																																																																																			
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLK.TKRGDDY...GSGSL..QNV.KIDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSVS...QGL.TLEMSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIK.LSEEANKPLDNRERM..SEM.ERKMTFDGQRRNLK.....	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATP	399
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 393402 GB930 RS20885 WP 005305010.1	TMDQSLKQLVSRGMVAALDAKAKAVDP.NTI.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMLKGLVAKGLISRENAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * !* ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 1307 DR RS10055 WP 010888596.1	AAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	.....	344
NTDB id 393402 GB930 RS20885 WP 005305010.1	.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	.....	345
consensus		

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