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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1004918 ABH206 RS03665 WP 004900568.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1

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LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I	L	V	G	E	R	D	E	T	I	R	A	L	T	A	A	E	T	G	H	L	V	F	G	T	L	H	T	S	A	A	K
LT	ED	PI	EF	VH	Q	SKK	CL	IN	Q	RE	VH	R	DT	S	F	E	A	L	R	S	A	L	R	E	D	P	D	V	I																															

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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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TIDR	VDV	PAEEK	MVR	SM	SES	QAV	IS	Q	LLK	GG	RVAAH	EIM	GT	PAIRN	LI	RE	KVA	QMS	IQTG	AAH	GMQ																					
ALERT	LHL	VPKE	QREQ	FLLD	LSLN	LK	GVIA	QQL	LR	DKNG	KGRH	GVF	EVL	INS	PR	IAD	LIR	GE	LHEL	KAT	MARS	QEV	GMQ	313																		
ALDR	IT	FFP	ADR	QNQ	VWMD	LSLN	LK	IVA	QQL	VP	TPD	GK	RR	AVI	EVL	INT	P	LAAD	LIR	KGE	VHEL	KGLM	KRSTDL	GMQ	315																	
TLER	I	IHF	DAD	RHQ	IFMD	LSLN	LK	AVIS	QQL	IP	THD	GQ	SR	RAA	EVL	INT	P	LSDY	IR	GE	IY	KIKEL	MARS	GEL	GMQ	316																
AVER	L	IDV	FPA	EEEK	DQVRS	Q	LAG	SL	CAV	LAQ	KL	LP	A	RQ	GG	RV	AL	YELL	VNT	PA	VAL	IRE	GKVH	QLPGV	MQTGM	QAGML	311															
SIDR	IV	DFP	EE	QEQ	QIR	VQL	ANN	L	VAV	MT	QQL	LP	AD	GQ	GR	V	LAY	EILL	AN	PA	VR	AL	IRE	GKT	FTQIT	SVMTQ	GAREGMV	319														
TVDR	IV	DFVP	AGE	KE	MVR	SM	SES	LT	AVI	SQ	NLLK	THD	G	NGR	V	AS	SHEI	L	AN	PA	VR	N	LIRE	NK	IT	QINS	V	LQTG	QAS	GMQ	315											
TVDR	IV	DFVP	AGE	KE	MVR	SM	SES	LT	AVI	SQ	NLLK	THD	G	NGR	V	AS	SHEI	L	AN	PA	VR	N	LIRE	NK	IT	QINS	V	LQTG	QAS	GMQ	315											
TIDR	I	IDV	FP	GS	DKD	MVR	SM	SES	L	RAV	IAQ	KLLK	R	V	GG	GR	V	ACHEI	M	L	A	T	PAIRN	L	IRED	K	V	AQ	MYS	I	IQTG	AAH	GMQ	314								
TIDR	I	IDV	FP	GS	DKD	MVR	SM	SES	L	RAV	IAQ	KLLK	R	V	GG	GR	V	ACHEI	M	L	A	T	PAIRN	L	IRED	K	V	AQ	MYS	I	IQTG	AAH	GMQ	314								
TI	N	R	IDV	FPA	EEK	S	MVR	SM	SES	L	QAV	IAQ	S	LLK	R	N	KG	GR	V	AA	L	EIM	MCT	G	PAIRN	L	IRED	K	I	AQ	MYS	I	IQTG	QAK	GMQ	314						
TI	N	R	IDV	FPA	EEK	S	MVR	SM	SES	L	QAV	IAQ	S	LLK	R	N	KG	GR	V	AA	L	EIM	MCT	G	PAIRN	L	IRED	K	I	AQ	MYS	I	IQTG	QAK	GMQ	314						
TIDR	V	V	DFVP	AA	EEK	S	MVR	SM	SES	L	QAV	IS	Q	LLK	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	I	IQTG	GS	SL	GMQ	314				
TIDR	V	V	DFVP	AA	EEK	A	MVR	SM	SES	L	Q	SVIS	Q	T	L	I	K	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	A	IQTG	GS	SL	GMQ	314	
TIDR	I	IDV	FP	AA	EEK	D	MVR	T	ML	SES	L	QAV	IS	Q	T	L	L	K	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	I	IQTG	A	TH	GMT	314
TIDR	V	IDV	FP	AA	EEK	D	MVR	A	ML	SES	L	QAV	IS	Q	T	L	L	K	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	A	IQTG	A	NH	GMT	314
TIDR	V	IDV	FP	AA	EEK	D	MVR	A	ML	SES	L	QAV	IS	Q	T	L	L	K	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	A	IQTG	A	NH	GMT	314
TIDR	V	IDV	FP	AA	EEK	D	MVR	A	ML	SES	L	QAV	IS	Q	T	L	L	K	R	V	GG	GR	V	AA	L	EIM	I	G	T	PAIRN	L	IRED	K	V	AQ	MYS	A	IQTG	A	NH	GMT	314

NTDB	id	1177	A1552VC	RS01165	WP	000422572.1	TFDQALYQLVDDKISEQDALHSA	DSANDRLRLMLKTKR.GDDY...GSGSLQNVKI.....DME.....	368
NTDB	id	1203	PSJM300	01605	AFN	76401.1	TFDQALYNLYVQGEITYEDALLHA	DSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1	TFDQALFIDLVDHQHISYADALKHA	DSPNNLRLLQIKLSE.EANKPLDNRRERMSEMER.....KMTFDGQRRNLK....	383
NTDB	id	1004918	ABH206	RS03665	WP	004900568.1	TFTQSFSQQRVAAAGAL.....		326
NTDB	id	1307	DR	RS10055	WP	010888596.1	TMDAYLAGLFRRHILITDYDKCLERA	IDPKEFARLANDASAGLG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB	id	1086	NMV	RS00245	WP	002218487.1	TMDQSLQSLVRQGGLIAPEVARRRRA	QNSESMSF.....	347
NTDB	id	1116	NGFG	RS10615	WP	003690200.1	TMDQSLQSLVRQGGLIAPEEAARRRA	QNSESMSF.....	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	TLDQHLELTVLNKNIIISKHTAHEAA	LNK.SLF.....	344
NTDB	id	1259	GC085	RS10305	WP	010947729.1	TLDQHLELTVLNKNIIISKHTAHEAA	LNK.SLF.....	344
NTDB	id	1202	PSJM300	01600	AFN	76400.1	TLDSCLKGLIAKGLISRDSAKEKA	KQP.ENF.....	344
NTDB	id	1194	PAKAF	RS01995	WP	003084552.1	TLDMCLKGLVAKGLISRENAREKA	KIP.ENF.....	344
NTDB	id	1020	ACIAD	RS04210	WP	011182164.1	TLDQSLKQLIAKGIIINLPTARAV	AKSP.ESF.....	344
NTDB	id	1060	ABD1	RS04380	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAA	KQP.ESFL.....	345
NTDB	id	1040	HON27	RS13360	WP	000355489.1	TLDQSLKGLVARGVISPQTARTAA	KQP.ESFL.....	345
NTDB	id	1081	FDQ49	RS05335	WP	006581387.1	TLDQSLKGLVSRGVISPQTARTAA	KQP.ESFL.....	345
consensus							!*** * ** **** *		

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 1004918	ABH206 RS03665 WP 004900568.1	.....	326
NTDB id 1307	DR RS10055 WP 010888596.1	APATPAAPAAGRSEPGRAGGFGR	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	GCO85 RS10305 WP 010947729.1	.....	344
NTDB id 1202	PSJM300 01600 AFN76400.1		344
NTDB id 1194	PAKAF RS01995 WP 003084552.1		344
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NTDB id 1040	HON27 RS13360 WP 000355489.1		345
NTDB id 1081	FDQ49 RS05335 WP 006581387.1		345
consensus			

- X non conserved
- X similar
- X > 50% conserved