

NTDB id	1177	A1552VC	RS01165	WP	000422572.1		MELNQYL	DGMLTHK	ASDLYL	TVGAPIL	YRV	DGLRAQGEA	.LSVA	DVTAL	LHAMMD	ARQA	EFKQTR	EANFAVVR.	74	
NTDB id	1019	ACIAD	RS04205	WP	004922051.1		MDFN	DLNLMA	KHKASD	LFI	TAGVEPS	LKINGEITP	VSKTKLD	GDMIAQL	IDSITT	QKQRQE	FIE	THECNFAILNR	76	
NTDB id	1112294	LOK40	RS14140	WP	016902355.1	.MSTIDF	TSFLKLMA	HQKASD	LFI	TSGMPPAI	KVHGKISP	ITQTPTLA	QQSRDLVL	N	MTPSQR	EFEK	THECNFAIGVS	79		
NTDB id	1203	PSJM300	01605	AFN	76401.1		MEFEK	LRLMVE	KCGSDLF	I	TAGVPPS	KMVNGKILP	VNKTPMS	P	EMTRETVHGV	NMNEQRRE	FIENTHECNFAISAR	76		
NTDB id	1307	DR	RS10055	WP	010888596.1	MTSGID	ITIDLRLA	ADKGASD	II	LAAGLPPQ	FKISGDYDA	QGFEPLSASD	TRKLMYS	MNNER	QGRIFEE	KRELDFS	FALG	80		
NTDB id	1194	PAKAF	RS01995	WP	003084552.1		MDITE	LLAFSAK	QASDHL	S	AGLPPIR	VDGVRRI	NLPPL	EHKQV	HALIYD	IMNDKQR	KDFEE	FLETDFSFEVP	76	
NTDB id	1081	FDQ49	RS05335	WP	006581387.1		MDITE	LLAFSVK	NGASDHL	S	AGMPPIR	VDGEVRRIN	LPALE	HKDVHR	LVD	IMNDKQR	RDEYE	EKLETDFSFEVP	76	
NTDB id	1060	ABD1	RS04380	WP	000355489.1		MDITE	LLAFSVK	NGASDHL	S	AGMPPIR	VDGEVRRIN	LPALE	HKDVHR	LVD	IMNDKQR	RDEYE	EKLETDFSFEVP	76	
NTDB id	1040	HON27	RS13360	WP	000355489.1		MDITE	LLAFSVK	NGASDHL	S	AGMPPIR	VDGEVRRIN	LPALE	HKDVHR	LVD	IMNDKQR	RDEYE	EKLETDFSFEVP	76	
consensus							*****!	*!*!*	!*	*	***	!*	*****!	!*	*	*	*	*****!	!*	*****!

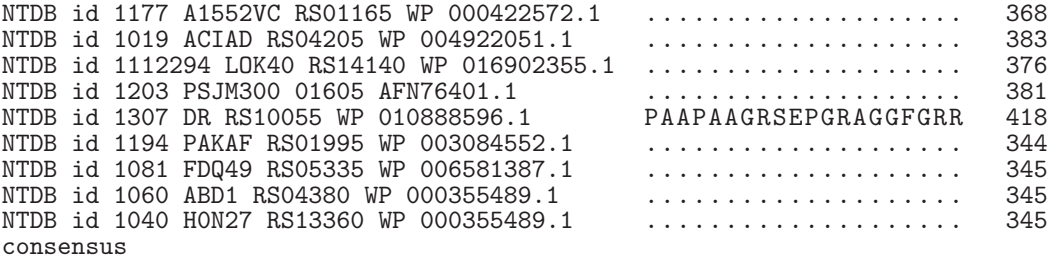
[illegible][illegible]

NTDB id	1177	A1552VC	RS01165	WP	000422572.1	A	L	E	R	T	I	H	L	V	P	K	E	Q	R	E	Q	F	L	D	L	S	N	L	K	G	V	I	A	Q	Q	L	R	D	K	N	G	K	G	R	H	G	V	F	E	V	L	N	S	P	R	I	A	D	L	I	R	R	G	E	L	H	E	L	K	A	T	M	A	R	S	Q	E	V	G	M	Q		
NTDB id	1019	ACIAD	RS04205	WP	004922051.1	T	L	E	R	I	H	F	F	D	A	R	H	Q	Q	I	F	M	D	L	S	N	L	K	A	V	I	S	Q	Q	L	I	P	T	H	D	G	Q	S	R	R	A	A	V	E	V	L	I	N	T	P	L	S	D	Y	I	R	C	G	E	I	Y	K	I	K	E	L	M	A	R	S	G	E	L	G	M	Q		
NTDB id	1112294	LOK40	RS14140	WP	016902355.1	A	M	D	R	I	I	N	F	F	P	E	D	R	N	Q	L	L	M	D	L	S	N	L	K	G	V	A	Q	Q	L	I	P	T	P	D	G	R	G	R	V	A	M	E	I	M	L	G	T	P	L	V	Q	D	Y	I	R	D	G	E	I	H	L	K	E	I	M	K	E	S	T	N	L	G	M	R			
NTDB id	1203	PSJM300	01605	AFN	76401.1	A	L	D	R	I	I	N	F	F	P	E	D	R	N	Q	V	M	D	L	S	N	L	K	A	I	V	A	Q	Q	L	I	P	T	P	D	G	K	G	R	A	V	I	E	L	I	N	T	P	L	A	D	L	I	R	K	G	E	V	H	E	L	K	G	L	M	K	R	S	T	D	L	G	M	Q				
NTDB id	1307	DR	RS10055	WP	01088596.1	S	I	D	I	R	V	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	.K	N	G	G	R	V	A	A	H	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	A	I	Q	T	G	A	N	H	G	M	T
NTDB id	1194	PAKAF	RS01995	WP	003084552.1	T	I	D	R	V	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	.K	N	G	G	R	V	A	A	H	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	A	I	Q	T	G	G	S	L	G	M	Q	
NTDB id	1081	FDQ49	RS05335	WP	006581387.1	T	I	D	R	V	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	.K	N	G	G	R	V	A	A	H	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	A	I	Q	T	G	A	N	H	G	M	T	
NTDB id	1060	ABD1	RS04380	WP	000355489.1	T	I	D	R	V	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	.K	N	G	G	R	V	A	A	H	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	A	I	Q	T	G	A	N	H	G	M	T	
NTDB id	1040	HON27	RS13360	WP	000355489.1	T	I	D	R	V	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	.K	N	G	G	R	V	A	A	H	E	I	M	I	G	I	P	A	I	R	N	L	I	R	E	N	K	V	A	Q	M	Y	S	A	I	Q	T	G	A	N	H	G	M	T	
consensus						**	*	*	*	*																																																																									

logo



logo



non conserved
 similar
 ≥ 50% conserved