

NTDB	id	1292	VP	RS12235	WP	O05479693.1	...MKHKSQKKQQGFTLIELMIVVAITGVLAATAIPAYQNYYVTRSEVTSGLATVKALITPAELHYQ.ENGIAAAA....	71
NTDB	id	1038	HON27	RS01510	WP	O00993725.1	MNAKQGFTLIELMIVVAIIGILAAAIAPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKLSDV..	69
NTDB	id	1192	PAKAF	RS23870	WP	O24947914.1	MKAQKGFTLIELMIVVAIIGILAAAIAPQYQNYVARSEGASALASVNPLKTITVEEALS.RGWSVSKSGTGTED	71
NTDB	id	1197	PSJM300	O3940	AFN	A76866.1	MKAQMKGFTLIELMIVVAIIGILAAAIAPAYQDYTVRSNAAAAAEITPGKICFEQAINECKTPESLSTDE.	72
NTDB	id	1204	PSJ300	O3935	AFN	A76865.1	MKPVKSSCRGFSLIELMIVVAIIGILAAAIAPAYQNYTVRSTAASAALAETPKAAFEQAIS.EGHTPSLVSSLP.	74
NTDB	id	1191	AAC28468.1	484..945()			MLKKVQKGFTLIELMIVTAIIGILAAAIAPAYQDYTTARAQATEGFKATAGLTDLGAWRADRGSPFNAAALVAG	74
NTDB	id	1109	OK783	RS10670	WP	O157147416.1	MNTLQKGFTLIELMIVTAIVGILAAVALPAYQDYTTARAQVSEAILLAEQGKSAVTEYYLNHGKIWPKDN TSA..	71
NTDB	id	1119	NGFG	RS11465	WP	O17147169.1	MNTLQKGFTLIELMIVTAIVGILAAVALPAYQDYTTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..	71
NTDB	id	1188	NELON	RS01755	WP	O03772458.1	MKAMKGFTLIELMIVTAIIGILAAAIAPAYQDYTTARSKVSEALIAASSPKSALSEAFQTDCITGMTAAAKAF	73
NTDB	id	163892	ATY47	RS07835	WP	O11408068.1	MKKQKGFTLIELMIVVAIIILAIAAIAPAYQDYTTTRAKLSEALTMSAPAKLAVTETASSLGGVANVTLAN..	70
NTDB	id	1424	RS	RS02795	WP	O11000517.1	MKSMRHNLNRKVQKGFTLIELMIVVAIVGILAAAIAPAYQDYTVRRRVTEGLSLAAQAKALVSEANAANAQS DLSV.....	74
NTDB	id	1002	ACIAD	RS15100	WP	O04923779.1	MNAKQGFTLIELMIVTAIIGILAAAIAPAYTDYTVRRRVSEGLTAASSMKITTVS ENILNAGALVAGTPST..	70
NTDB	id	1274	LPP	RS09530	WP	O11214168.1	MRQKGFTLIELMIVVAIIGILAAAIAPAYQDYTTIRARRVTEGLTLADS AKLAVSETAITNNALPATQAAT..	69
NTDB	id	1258	GCO85	RS09745	WP	O14844212.1	MRQKGFTLIELMIVVAIIGILAAAIAPAYQDYTTIRARRVTEGLTLADS AKLAVSETAITNNALPATQAAT..	69
consensus							** ! !! * ** * * ** * * ** ** * * * * * *	

NTDB	id	1292	VP	RS12235	WP	O05479693.1		TLAQL	C	V	D	V	A	A	N	D	L	G	A	I	D	S	A	...	L	A	G	G	...	S	P	T	L	T	F	...	D	A	D	S	S	I	D	G	G	I	L	T	F	R	D		119																												
NTDB	id	1038	HON27	RS01510	WP	O00993725.1			G	F	T	A	A	T	S	S	V	C	A	T	Y	S	I	D	A	F	T	E	T	D	G	...	A	G	K	I	T	...	C	T	L	...	K	G	...	N	P	K	I	A	T	K	I	V	E	L	T	R	S		116																				
NTDB	id	1192	PAKAF	RS23870	WP	O24947914.1	AT...	K	K	E	V	P	L	C	V	A	A	D	A	N	K	L	G	T	I	A	L	K	P	...	D	P	A	D	G	...	T	A	D	I	T	L	T	F	...	M	G	G	A	G	P	K	N	G	K	I	I	T	L	R	T	A		128																	
NTDB	id	1197	PSJM300	03940	AFN	76866.1		G	Y	I	C	I	T	D	S	T	S	.	Y	C	D	V	D	L	...	T	A	A	D	G	...	H	...	I	E	...	C	T	A	...	K	G	G	N	A	G	K	F	D	K	T	I	T	L	N	R	T		118																						
NTDB	id	1204	PSJM300	03935	AFN	76865.1		G	F	I	C	I	G	A	S	T	N	.	Y	C	T	V	T	L	...	T	A	A	T	G	...	S	...	I	T	...	C	T	T	...	Q	N	G	M	P	D	R	F	N	G	K	T	I	T	I	A	R	T		120																					
NTDB	id	1191	AAC28468.1	484..945()			NVIF	D	S	A	...	...	N	G	L	D	G	K	Y	F	A	P	G	.	G	V	T	V	T	...	P	D	T	G	A	I	N	I	A	F	D	A	G	...	A	N	A	G	K	T	M	T	I	T	P	T	V	I		A	A	S	G		128																
NTDB	id	1109	OK783	RS10670	WP	157147416.1			C	V	A	S	A	.	S	T	I	G	K	Y	V	Q	K	V	.	E	V	A	K	G	...	V	V	T	A	Q	M	A	S	...	T	G	V	N	K	E	I	Q	D	K	K	L	S	L	W	A		K	R	Q	D		120																		
NTDB	id	1119	NGFG	RS11465	WP	017147169.1			C	V	A	S	P	P	T	D	I	G	K	Y	V	K	E	V	.	E	V	K	N	G	...	V	V	T	A	T	M	L	S	...	S	G	V	N	N	E	I	K	G	K	K	L	S	L	W	G		R	R	E	N		121																		
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTA	A	A	G	G	G	G	A	G	A	A	G	T	Q	H	A	S	K	Y	V	K	S	V	...	K	V	T	E	A	...	S	P	W	D	I	T	V	A	I	S	A	T	E	A	N	G	I	P	T	G	L	D	N	T	I	R	L	F	P	L	V	N	K	.	A	V	P	.	A	A	T	S	T		148
NTDB	id	163892	ATY47	RS07835	WP	011408068.1		S	G	Y	...	...	S	F	P	G	A	T	K	Y	V	S	N	V	.	T	I	A	D	G	...	T	G	L	V	T	V	T	S	T	.	V	...	P	N	A	G	I	T	I	L	L	T	P	K	D		V	G	G		116																			
NTDB	id	1424	RS	RS02795	WP	011000517.1			C	S	S	V	F	...	T	P	I	K	N	.	V	A	N	L	.	T	I	A	G	T	G	T	V	P	C	Q	I	T	V	T	Y	T	.	T	...	A	A	G	G	T	L	A	L	V	P	T	A	A	G	T	A	L	P	V	S	S	A	P	S		131										
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1		A	G	S	S	C</																																																																					

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NTDB id 1292 VP RS12235 WP 005479693.1	AATGWSCLPT.....APAIA.VDGC	139
NTDB id 1038 HON27 RS01510 WP 000993725.1	TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITS	149
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197 PSJM300 03940 AFN76866.1	ADGEWSCAST.....LDAKYKPGKCS	139
NTDB id 1204 PSJM300 03935 AFN76865.1	TDGLWDCTSD.....LDSRYKPGKCL	141
NTDB id 1191 AAC28468.1 484..945()	QISTWTCAPG.....AANGIETRRLPTSCQ*	153
NTDB id 1109 OK783 RS10670 WP 157147416.1	GSVKWFCGQPVTRTGDNDTVA..DANNAIDTKHLPSTCR	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCR	166
NTDB id 1188 NELON RS01755 WP 003772458.1	GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK	188
NTDB id 163892 ATY47 RS07835 WP 011408068.1	GQLKWTCSA.....ILTKYLPACRSGT	141
NTDB id 1424 RS RS02795 WP 011000517.1	GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPACR	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	GAVTWKCTTT.....S.DKKYVPSECRG	147
NTDB id 1274 LPP RS09530 WP 011214168.1	GDVTWTCTGG.....TLAKYRPASCRP	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	GDVTWTCTGG.....TLAKYRPASCRP	136
consensus	* * !*!	

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