

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AATPQQYQNYVKKS	AI	GVGLANIT	ALKTNI	IEDYIATE	GSFPAITAGTAA	77
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AATPQQYQNYVKKS	AI	GVGLANIT	ALKTNI	IEDYIATE	GSFPAITAGTAA	77
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AATPQQYQNYVKKS	AI	GVGLANIT	ALKTNI	IEDYIATE	GSFPAITAGTAA	77
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGFTLIELMIVVA	IIGILAA	AATPQQYQNYIAKS	QVNSGFSEISSIK	TGYENAVNE	.GAVPTKLSDV..		69	
NTDB	id	1192	PKAF	RS23870	WP	024947914.1	MKA	QKGFTLIELMIVVA	IIGILAA	AATPQQYQNYVARSE	GAASLASVNPLK	TTVEEALS	R.GWSVKS	SGTGTE	71	
NTDB	id	1197	PSJM300	03940	AFN	76866.1	MKAQM	QKGFTLIELMIVVA	IIGILAA	AATPAYQDYTVRS	NAAAALAEITPG	KIGFEQAINE	.GKTPSLTSTDE.		72	
NTDB	id	1204	PSJM300	03935	AFN	76865.1	MKPVKSSC	BGFSL	IELMIVVA	IIGILAA	AATPAYQNYTVRS	TAASAALAEITPA	KAAFEQAISE	.GHTPSLVSSLP.		74
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	MK.KIRLIRPLAKA	F	FTLIELMIV	IAIIAILAT	ITAIPSYTSYTQKAA	LSELLSASASYKSD	VEICITYNV	GDKKI	SECS...	76
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.M.KLTTQTTLKK	QGFTLIELMIV	IAIIAILAT	ITAIPSYQNYTKKAA	VSELLQASAPYKAD	VELCVYSTNE..	TINCT...		73	
NTDB	id	1354	HI	0299	AAC21963.1		.M.KLTTQLTLK	KGFTLIELMIV	IAIIAILAT	ITAIPSYQNYTKKAA	VSELLQASAPYKAD	VELCVYSTNE..	TISCT...		73	
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGFTLIELMIV	IAIVGILA	AVALPAYQDYTARAQV	SEAILLAEGQKSAV	TEYYLNHGW	PENNTS...		70	
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGFTLIELMIV	IAIVGILA	AVALPAYQDYTARAQV	SEAILLAEGQKSAV	TEYYLNHGIW	PKDNTS...		70	
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIV	IAIIGILA	AATPAYQDYTARAQAT	TEGFKATAGLQTD	LGAWRADRGSFP	NAAALVAG		74	
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGFTLIELMIV	IAIIGILA	AATPAYQDYTVRSKV	SEALIAASSPKSAL	SEAFQTDGITGM	IAAKAF		73	
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNRKV	QKGFTLIELMIVVA	IVGILA	AATPAYQDYTVRARV	TEGLSLAAQAKALVS	ENANAQS	SDL.....		73	
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	QKGFTLIELMIV	IAIIGILA	AATPAYTDYTVRARV	SEGLTAASSMKTTVSEN	ILNACALVAGTP			68	
NTDB	id	184268	A9E85	RS09345	WP	016356941.1	MR	QKGFTLIELMIVVA	IIGILAA	AATPAYQDYTVRARV	TEGLTLADSAKLAV	SETAITNNALPAT	QA....		67	
NTDB	id	1258	GCO85	RS09745	WP	014844212.1	MR	QKGFTLIELMIVVA	IIGILAA	AATPAYQDYTVRARV	TEGLTLADSAKLAV	SETAITNNALPAT	QA....		67	
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIVVA	IIGILAA	AATPAYQDYTVRARV	TEGLTLADSAKLAV	SETAITNNALPAT	QA....		67	
consensus								*** * ! ! ! ! !	* ***** ** * * * *	** ***** * * * *						

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	GF....TRLCTVE.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSK	IQ	LARD..	126
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	GF....TRLCTVE.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSK	IQ	LARD..	126
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	GF....TRLCTVE.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSK	IQ	LARD..	126
NTDB	id	1038	HON27	RS01510	WP	000993725.1	GFTAATSVCATYSIDA..FTETDCAKKIT..CTLKG.....NPKIATKIVELTRS..				116
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	ATK.....KEVPLGVAADANKLGTIALKP...DPADGTADITLTFTMGG.....AGPNK	GKI	IT	LTRT..	127
NTDB	id	1197	PSJM300	03940	AFN	76866.1	GYIGITDSTS.YCDVDLD....TAADGH..IE.CTAKGG.....NAGKFD	GKT	IT	LNRT..	118
NTDB	id	1204	PSJM300	03935	AFN	76865.1	GFIGIGASTN.YCTVTLI....ATATGS..IT.CTTQNG.....MPDRFNGKT	IT	IT	IART..	120
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	SGKNGVR...ADKSDVPDAKYLKSIS....VASGVITVAGKGN..IDGYGYT	MTP..			122
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	GGKNGIA...ADITT..AKGYVKSVT....TSNCAITVKGDT.....LANMEYIL	QAT..			118
NTDB	id	1354	HI	0299	AAC21963.1		GGKNGIA...ADIKT..AKGYVASVI....TQSGGIVTKNGGT.....LANMEYIL	QAK..			118
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	AGVASPPTDIKGYVKEVE....VKNGVVVTATMLSS...G.....VNNEIK	GKKLS	SL	WG..	117
NTDB	id	1109	OK783	RS10670	WP	157147416.1	AGVASA.STIKGKYVQKVE....VAKGVVTAQMAST...G.....VNKEI	QDKKLS	SL	WA..	116
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSANGLDGKYP.....APGGVTV.TPDTGAINIAFDAG.....ANAGKTMTITP	TVI			124
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAGGGGAGGAAAAGTQH.....ASKYVKS.VKTEASPWDITVAISATEANG.....IPTGL	DGNTR	IR	FLPN	139
NTDB	id	1424	RS	RS02795	WP	011000517.1	VGVSSVF.....T..PTKNVANLTIAGTGTVPQGIVTYT.T.....AAGG	GT	LA	LPVTAA	120
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S....TAGSSCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDT.....KAK	GAN	IT	LTPT..	122
NTDB	id	184268	A9E85	RS09345	WP	016356941.1	A....TG...YV.....SPAATPNVQS..IAIG..ANGVITITY.TA.....SAG	GGT	IV	MTPTL..	110
NTDB	id	1258	GC085	RS09745	WP	014844212.1	A....TG...YV.....SPAATPNVQS..IAIG..ANGVITITY.TA.....AAG	GGT	I	MTPTL..	110
NTDB	id	1274	LPP	RS09530	WP	011214168.1	A....TG...YV.....SPAATPNVAS..IAIG..ANGVITITY.TA.....AAG	GGT	IV	MTPTL..	110
consensus							*.....*	*..*			

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1038	HON27	RS01510	WP 000993725.1	TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITSL	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	AADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197	PSJM300	03940	AFN76866.1	ADGEWSCAST.....LDAKYKPGKCS	139
NTDB id 1204	PSJM300	03935	AFN76865.1	TDGLWDCTSD.....LDSRYKPGKCL	141
NTDB id 1383	A4U84	RS08530	WP 005711781.1	KFANNNTTWTATSCQGA...DISL.....FPANFCGQKATP	154
NTDB id 1365	NTHI	RS01955	WP 011271973.1	GNAATGVTWTTTCKGT...DASL.....FPANFCGSVTQ	149
NTDB id 1354	HI 0299	AAC21963.1		GNAAGVTWTTTCKGT...DASL.....FPANFCGSVTK	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	RRENGSVKWFVCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK	166
NTDB id 1109	OK783	RS10670	WP 157147416.1	KRQDGSVKWFVCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT	164
NTDB id 1191	AAC28468.1	484..945()		A.....ASGQISTWTCAPGAANG.....IETRRRLPTSCQ*	153
NTDB id 1188	NELON	RS01755	WP 003772458.1	K.AVP.AATSTGATDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK	188
NTDB id 1424	RS	RS02795	WP 011000517.1	GTALPVSSAPSGPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAE	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	YASGAVTWKCTTT.....S.DKKYVPSECRG	147
NTDB id 184268	A9E85	RS09345	WP 016356941.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
NTDB id 1274	LPP	RS09530	WP 011214168.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
consensus				* * ! * * ** * * *	

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved