

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQYQNYVKKS	AI	GVGLANITALKTNIEDYIATEGSFPATTAGTAA	77
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQYQNYVKKS	AI	GVGLANITALKTNIEDYIATEGSFPATTAGTAA	77
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQYQNYVKKS	AI	GVGLANITALKTNIEDYIATEGSFPATTAGTAA	77
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGFTLIELMIVVA	IIGILAA	AIAIPQYQNYIAKS	QVNSGFSEISSIK	TGYENAVNE.GAVPTKLSDV..	69
NTDB	id	1192	PAKAF	RS23870	WP	02947914.1	MKA	QKGFTLIELMIVVA	IIGILAA	AIAIPQYQNYVAR	SEGASALASVNPLKT	TVEEALS.R.GWSVKSGTGTED	71
NTDB	id	1197	PSJM300	03940	AFN	76866.1	MKAQM	QKGFTLIELMIVVA	IIGILAA	AIALPAYQDYT	VRSNAAALAEITPG	KIGFEQAINE.GKTPSLTSTDE.	72
NTDB	id	1204	PSJM300	03935	AFN	76865.1	MKPVKSSC	RGFS	LIELMIVVA	IIGILAA	AIALPAYQNYTVRSTAAS	ALAELITPAKAAFEQAISE.GHTPSLVSSLP.	74
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	MK.KIRLIRPLAKA	FTLIELMIV	TAIIAILAT	IAIPSYSYTTQKAA	LSELLSASASYKSD	VEICINYNVGDKKISECS...	76
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.M.KLTQTTLK	QKGFTLIELMIV	TAIIAILAT	IAIPSYQNYTKKAA	VSELLQASAPYKADVELCVYSTNE..TTINCT...	73	
NTDB	id	1354	HI	0299	AAC21963.1		.M.KLTTLQTLK	QKGFTLIELMIV	TAIIAILAT	IAIPSYQNYTKKAA	VSELLQASAPYKADVELCVYSTNE..TISCT...	73	
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGFTLIELMIV	TAIVGILA	AAVALPAYQDYTARAQV	SEAILLAEQGKSAVT	EYYLNHGKWPNENNTS...	70
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGFTLIELMIV	TAIVGILA	AAVALPAYQDYTARAQV	SEAILLAEQGKSAVT	EYYLNHGIWPKDNSTS...	70
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIV	TAIIGILAA	AIALPAYQDYTARAQAT	EGFKATAGLQTDLGAWRADRGSPFNAAALVAG	74	
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGFTLIELMIV	TAIIGILAA	AIALPAYQDYTVRSKV	SEALIAASSPKSALS	EAFQTDGITGMTAAAKAF	73
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNKR	V	QKGFTLIELMIV	VAIVGILAA	AIAIPAYQDYTVRARVTEGLSLAAQAKALV	SEANAANAQSDLS.....	73
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	QKGFTLIELMIV	TAIIGILAA	AIAIPAYTDYTVRARVSEGLTAASSMKTTVSEN	ILNAGALVAGTP....	68	
NTDB	id	184016	A9E79	RS09520	WP	016356941.1	MR	QKGFTLIELMIV	TAIIGILAA	AIAIPAYQDYTVRARVTEGLTLADSAKLAVSETAITNNALPPTQA....	67		
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGFTLIELMIV	TAIIGILAA	AIAIPAYQDYTVRARVTEGLTLADSAKLAVSETAITNNALPATQA....	67		
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIV	TAIIGILAA	AIAIPAYQDYTVRARVTEGLTLADSAKLAVSETAITNNALPATQA....	67		
consensus								*** * ! ! ! ! !	* ***** ** * * * *	** ****	* *** *	*	*

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	CF.....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSKIQLARD..	126
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	CF.....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSKIQLARD..	126
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	CF.....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGV	VSSSKIQLARD..	126
NTDB	id	1038	HON27	RS01510	WP	000993725.1	GFTAATSVCATYSIDA..FTETDGAGKIT..CTLKG.....NPKIATKIVELTRS	..	116
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	ATK.....KEVPLGVAADANKLGTIALKP...DPADGTADITLTFMTGG.....AGPKNKGIITLTRT	..	127
NTDB	id	1197	PSJM300	03940	AFN	76866.1	GYIGITDSTS.YCDVDLD...TAADGH..IE.CTAKGG.....NAGKFDGKITLNR	..	118
NTDB	id	1204	PSJM300	03935	AFN	76865.1	GFIGIGASTN.YCTVTLI...ATATGS..IT.CTTQNG.....MPDRFNGKITIART	..	120
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	SGKNGVR...ADKSDVPDAKYLKSIS...VASGVITVAGKGN...IDGYGYTTP	..	122
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	GGKNGIA...ADITT..AKGYVKSVT...TSNGAITVKGDT.....LANMEYILQAT	..	118
NTDB	id	1354	HI	0299	AAC21963.1		GGKNGIA...ADIKT..AKGYVASVI...TQSGGITVKGNGT.....LANMEYILQAK	..	118
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	AGVASPPTDIKGYVKEVE...VKNGVVTATMLSS...G.....VNNEIKGKLSLWG	..	117
NTDB	id	1109	OK783	RS10670	WP	157147416.1	AGVASA..STIKGKYVQKVE...VAKGVVTAQMAST...G.....VNKEIQDKKLSLWA	..	116
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSANGLDGKYF.....APGGVTV.TPDTGAINIAFDAG.....ANAGKMTITPTVI	..	124
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAGGGGAGGAAAGCTQH...ASKYVKS..KVTEASPWDITVAISATEANG.....IPTGLDGNTRLFPLVN	..	139
NTDB	id	1424	RS	RS02795	WP	011000517.1	VGVSSVF...T..PTKNVANLTIAGTGTVPVQGITVYTT.T.....AAGGTLALVPTAA	..	120
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S....TAGSSSCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDT.....KAKGANITLTPT	..	122
NTDB	id	184016	A9E79	RS09520	WP	016356941.1	A...TG...YV.....SPAATPNVQS..IAIG..ANGVITITY.TA.....SAGGGTIVMTPTL	..	110
NTDB	id	1258	GC085	RS09745	WP	014844212.1	A...TG...YV.....SPAATPNVQS..IAIG..ANGVITITY.TA.....AAGGGTIIMTPTL	..	110
NTDB	id	1274	LPP	RS09530	WP	011214168.1	A...TG...YV.....SPAATPNVAS..IAIG..ANGVITITY.TA.....AAGGTVIMTPTL	..	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.....QDEQFIPKGCSSK.....	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	GNAATGVTWTTTICKGT...DASL.....FPANFCGSVTQ.....	149
NTDB id 1354	HI 0299	AAC21963.1		GNAAAGVTWTTTICKGT...DASL.....FPANFCGSVTK.....	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	RRENGSVKWFVCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1109	OK783	RS10670	WP 157147416.1	KRQDGSVKWVCGQPVTRTGDNDDTVA..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...GTMSLAAKYAPAEACR.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	YASGAVTWKCTTT.....S.DKKYVPSECRG.....	147
NTDB id 184016	A9E79	RS09520	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