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NTDB id 1354 HI 0299 AAC21963.1	..MKLTTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVLCVYSTNETTSTCTGGKN.	77
NTDB id 1365 NTHI RS01955 WP 011271973.1	..MKLTTTQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVLCVYSTNETTNTCTGGKN.	77
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQMKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAAALAEITPGKIGFEQ.AINECKTPSLTSTDEG	73
NTDB id 1204 PSJM300 03935 AFN76865.1	MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQ.AISEGHTPSLVSSLPG	75
NTDB id 1292 VP RS12235 WP 005479693.1	...MKHSKQKKQQGFTLIELMIVVAIIGVLA AAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAAATLAQL.	76
NTDB id 1191 AAC28468.1 484..945()	MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSPFNAAALVAG	74
NTDB id 1119 NGFG RS11465 WP 017147169.1	MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEATLLAEGQKS AVTEYYLNHGKWPENNTS...	70
NTDB id 1109 OK783 RS10670 WP 157147416.1	MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEATLLAEGQKS AVTEYYLNHGKWIWPKDNTS...	70
NTDB id 1188 NELON RS01755 WP 003772458.1	MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVS EALIAASSPKSALSEAFQTDGITGMTAAAKAF	73
NTDB id 181252 A3K93 RS11055 WP 067731267.1	MNTMQKGFTLIELMIVVAIIGILAAIAIPAYQNYTKRSHVSEGLSLAGGAKTGITEFYSSNNRWPGATG....	69
NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKR VQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV.....	74
NTDB id 1002 ACIAD RS15100 WP 004923779.1	MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKT TVSENILNAGALVAGTPS...	69
NTDB id 1258 GC085 RS09745 WP 014844212.1	MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...	68
NTDB id 1274 LPP RS09530 WP 011214168.1	MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...	68
consensus	*****!!!!!!!!!!!!!!*****!!!!!!* ** * * * * *	

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NTDB id 1354 HI 0299 AAC21963.1	GIAAD.IKTAKGYVAS.....VITQSGGITVKGN GTLA.....NMEYILQ.....AK	118
NTDB id 1365 NTHI RS01955 WP 011271973.1	GIAAD.ITTAKGYVKS.....VTTSNGAITVKGDGT LA.....NMEYILQ.....AT	118
NTDB id 1197 PSJM300 03940 AFN76866.1	Y.....GITD.....STSYC.D..VDLDTAADGHIE....CTAKGGNAGKFDGKTTITLNR.....	117
NTDB id 1204 PSJM300 03935 AFN76865.1	F.....IGIGA.....STNYC.T..VTLIATATGSIT....CTTQNGMPDRFNGKTTIT IAR.....	119
NTDB id 1292 VP RS12235 WP 005479693.1	GVDVAANDLG.....AIDSALAGGSPTLTFTTFDAD....SSIDGGILTF.....	116
NTDB id 1191 AAC28468.1 484..945()	NVIFDS.....A.....NGLDGKVFAPGGVT.VTPDTCAINIAFDAGAN.....AGKTM TITPTVI.....	124
NTDB id 1119 NGFG RS11465 WP 017147169.1	AGVASPPTDIKGKYVKE.....VEVKNGVV TATML...SSGVNNEIKGKKLSLWG.....	117
NTDB id 1109 OK783 RS10670 WP 157147416.1	AGVASA.STIKGKYVQK.....VEVAKGVVTAQMA...STGVNKEIQDKKLSLWA.....	116
NTDB id 1188 NELON RS01755 WP 003772458.1	NKTAAAGGGAGGAAAAAGTQH.....ASKYVKS..VKVTEASPWDITVAISATEANGIPTGLDGN TIRLFPLVN.KAVP.A	144
NTDB id 181252 A3K93 RS11055 WP 067731267.1	NASVGLAPA.....GSIKGNVRSVLVNGSTIVITYNTKVA.....AGETLIMKG.....	114
NTDB id 1424 RS RS02795 WP 011000517.1	GSSVF...TPTKNVANLT IAGTGTVPQCITV TYTT.AA.....GGGTLALVPTAAGTALPVS	127
NTDB id 1002 ACIAD RS15100 WP 004923779.1	TAGSSCVGVQEISASNATTNVAT..ATCGASSAGQIIIVTMDTTKA.....KGANITLTP.....	121
NTDB id 1258 GC085 RS09745 WP 014844212.1	TGYY.....SPAATPNVQS..IAIG..ANGVITITYTA.AA.....GGGTIIMTPT.....	109
NTDB id 1274 LPP RS09530 WP 011214168.1	TGYY.....SPAATPNVAS..IAIG..ANGVITITYTA.AA.....GGGTIVMTPT.....	109
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NTDB id 1354 HI 0299 AAC21963.1	GNAAGVTTTTCCKG.....TDASLFPANFCGSVTK..	149
NTDB id 1365 NTHI RS01955 WP 011271973.1	GNAATGVTWTTTTCCKG.....TDASLFPANFCGSVTQ..	149
NTDB id 1197 PSJM300 03940 AFN76866.1	...TADGEWSCAS.....TLDAKYKPGKCS.....	139
NTDB id 1204 PSJM300 03935 AFN76865.1	...TTDGLWDCTS.....DLDSRYKPGKCL.....	141
NTDB id 1292 VP RS12235 WP 005479693.1	.TRDAATGWSCLPTAPAIADVDCS.....	139
NTDB id 1191 AAC28468.1 484..945()	AASGQISTWTCAPGAAN.....GIETRRLPTSCQ*.....	153
NTDB id 1119 NGFG RS11465 WP 017147169.1	RRENGSVKWFQCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK	166
NTDB id 1109 OK783 RS10670 WP 157147416.1	KRQDGSVKWFQCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.	164
NTDB id 1188 NELON RS01755 WP 003772458.1	ATSTGAIDWACASA AKETADKRFGTGSGVAVGTLPAKYAPSECK.....	188
NTDB id 181252 A3K93 RS11055 WP 067731267.1	TPSGGGMWVSCSGSTSG.....TLDPKFRPSNCR.....	143
NTDB id 1424 RS RS02795 WP 011000517.1	SAPSGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAECR.....	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	TYASGAVTWKCTTT.....S.DKKYVPSECRG.....	147
NTDB id 1258 GCO85 RS09745 WP 014844212.1	LQANGDVTWTCTGG.....TLAKYRPASCRP.....	136
NTDB id 1274 LPP RS09530 WP 011214168.1	LQANGDVTWTCTGG.....TLAKYRPASCRP.....	136
consensus	* * ! * *	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved