

NTDB id 1388 A4U84 RS04945 WP 062924099.1	MTH T KL L A I LQV P QLG A QR T GRLLESEVDGFGEFCQYDKTALKQMGWNERQIQRFNPEHK.....WIDQA L QWAE	70
NTDB id 1106141 ACN6IS RS00640 WP 015702596.1	MSSYLPLLLRLLQIPRLGLSLAIQRLLLEHISPALMEYDTKAFQQIGWTAQGIQIRWFFTPENR.....YIDPALAWN	71
NTDB id 1361 HI 0985 AAC22646.1	MNDITYTLRLRMQVPKLGGVGIDKILSNITLNELINYYDDVAFRQMGGWGAIQIRRWFKEPK.....FIEPALVWSQ	71
NTDB id 1250 GC085 RS13065 WP 027219989.1	MNNI Q PLL A NRMKRI G PRTVLK L QK.RWPD L NMF...QLSSVDLEEAGLP S WL A QTIKNFDPDFIKTD L NWLS	71
NTDB id 1399 DSB67 RS15600 WP 010645755.1	MTPQN D IDLA A AWL L SC L PGIGGVKNKLISKDTPSNIVQYSTEQ L QLGLTAK Q LQAW.SQVDK.....EVDACLTWVA	74
NTDB id 1152 A1552VC RS00200 WP 000654772.1	...MKDQDLA A WL L CFTPTKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQVFLTTQAAK.....QE E QC L QWRS	72
consensus	* * ! * * * * ! * * * * * * * * * * * * * * * * * *	

NTDB id 1388 A4U84 RS04945 WP 062924099.1	Q.DQQQTTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFS AELVKHQ LAVTSGLAIG	149
NTDB id 1106141 ACN6IS RS00640 WP 015702596.1	E..QQHIVDWFDPHYPPPLLKQTEEAPLVLFVKGEVATLSAQQVAIVGSRHCSRYGEYWANYFATQLAYADIVVTSGLALG	149
NTDB id 1361 HI 0985 AAC22646.1	K.EGNHLYNYFSPFYFPFLKQTASFPPPLFVKGNLTALSQRQMAVVGSRYCITYGEYWKHFATSLAGFTITSGLALG	150
NTDB id 1250 GC085 RS13065 WP 027219989.1	SSENHHILTWDSPPYPALLKEIADPPFIFYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALG	151
NTDB id 1399 DSB67 RS15600 WP 010645755.1	ASSHHYILTLADALYPPLLKQTVAPPPPLFVKGEASCLPQPIAMVGSRNASVDGLQHTRTFASDLVQHDLVITSGLALG	154
NTDB id 1152 A1552VC RS00200 WP 000654772.1	AANRYIVTPHCPFLYPRLLKQINSSPPVLFTEGIWEAHPAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALG	152
consensus	* * * * * * ! ! ! ! ! * ! * ! * * ! * * * * * ! * ! * * ! * * ! ! ! ! * ! * ! * * * * ! * * ! ! ! ! ! *	

[illegible][illegible]

NTDB id 1388 A4U84 RS04945 WP 062924099.1	EPKFAKNLP L P E LTA C Q Q QLFEQITSL E PI S VDDLA K A T IMAVETA L I E LLNLELLGVVKKVRGGYVIT....	375
NTDB id 1106141 ACN6IS RS00640 WP 015702596.1	TDTSINTARITPEHP E LYAKIGYPVSIDVLAAQQVNLPIDTLLVQLLTLELQDLIVAENGLYQRK....	373
NTDB id 1361 HI 0985 AAC22646.1	TPPPDPRRLVEAPSHPKLYSRIGYTPVSIDD L AEFNLSDVLLVQLLDLELQDLIISENGLYKRIV....	373
NTDB id 1250 GC085 RS13065 WP 027219989.1	KPIFSLASGK.....ENLVKFIFGFETTIDQITDRSGYGMEQVTSGLAEL E LKGAVIAVPGGYIRCEYER	361
NTDB id 1399 DSB67 RS15600 WP 010645755.1	.DLFSAPIDE E EELPFPQLLANVGNEATPV D ILASRTNPVQEVMMLLEL E LSCGHVVAVSGGYIRKGRG.	369
NTDB id 1152 A1552VC RS00200 WP 000654772.1	ATLFSAVQSDEELPFPQLLANVGIEATPIDILASRTIQIPVDIMMQLLELLGHVVAVPGGYIRKGRG.	371
consensus	* * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved