

NTDB id 615 LCA RS02545 WP 011374200.1	.MGQQV IACGRQFTAAQLADTQNN...NYSLPQIKRPAFLRVKHLVLCRQCQV.VPPQTCLPDGRHYCAQLLFGRLVEGDW	79
NTDB id 593 KW2 RS05130 WP 021037147.1	MNLILENLLCHILLLEKDISAFNNFTDQVNNENKLIKIGAMTSVNANKVRCNRGCIHKTNVKLPIGAFFCPTCLELGRVRSDEY	85
NTDB id 83014 H7678 RS08210 WP 046177667.1	.MEGIENSYGRFLFKHQLPK.....EVNHLAKTLESIVAIKKGVTQCRCHY.QITAEARLPSCITYYCRFCLVFGRNQADRP	74
NTDB id 277 KZH43 RS10090 WP 000867601.1	.MKVNL DYLGRLFTEENELTE.....EERQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLPIGAYYCRECLLMKRVRSDDQI	74
NTDB id 236 SPD RS10765 WP 000867601.1	.MKVNL DYLGRLFTEENELTE.....EERQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLPIGAYYCRECLLMKRVRSDDQI	74
NTDB id 202 SPR RS10250 WP 000867601.1	.MKVNL DYLGRLFTEENELTE.....EERQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLPIGAYYCRECLLMKRVRSDDQI	74
NTDB id 167 SP RS11275 WP 000867616.1	.MKVNL DYLGRLFTEENELTE.....EERQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLPIGAYYCRECLLMKRVRSDDQI	74
NTDB id 507 SM12261 RS09240 WP 000867722.1	.MKVNP NYLGRLFTEENELTE.....EERQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLPICITYYCRECLLMKRVRSDDQS	74
NTDB id 535 SMSK321 RS10515 WP 000867726.1	.MKVNP NYLGRLFTEENELTK.....EERQLAEKLPAMRKEKGKLFQCRCDS.AILD EYWLPIGAYYCRECLLMKRVRSDDQV	74
consensus	***** ** ! ***** ** ***** ***** ! * ! ! * * * * * ! ! ! * * * * * ! * * * * *	

NTDB id 615 LCA RS02545 WP 011374200.1	LYTVPECHLFENNIPKLTWEGQLTPHQEAAQAVVEVVQTKQRHVLTAVTGAGKTEM	LFQGLVALQKQQRVCLAAPRVAVCLEL	164
NTDB id 593 KW2 RS05130 WP 021037147.1	FYHLPQQDFPEKT..YLRWTGKLTENQEKISDALCQQITNNQKL	LVQAVTGAGKTEMIYQLIEQILSHGGSVGLASPRIDVCTEL	168
NTDB id 83014 H7678 RS08210 WP 046177667.1	LYYIPPHFPFIAN..YLQWKGILTPYQESISNQLVKNVHAKKPTLVHAVTGAGKTEMIY	GATAAVVWAGCWVCLASPRVDVCTEL	157
NTDB id 277 KZH43 RS10090 WP 000867601.1	LYYFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIY	QVVAKVINAGGAVCLASPRIDVCLEL	157
NTDB id 236 SPD RS10765 WP 000867601.1	LYYFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIY	QVVAKVINAGGAVCLASPRIDVCLEL	157
NTDB id 202 SPR RS10250 WP 000867601.1	LYYFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIY	QVVAKVINAGGAVCLASPRIDVCLEL	157
NTDB id 167 SP RS11275 WP 000867616.1	LYYFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQVVDKQKPTLVHAVTGAGKTEMIY	QVVAKVINAGGAVCLASPRIDVCLEL	157
NTDB id 507 SM12261 RS09240 WP 000867722.1	LYYFPQEDFPKQD..VLKWRGQLTPFQDKVSGLLQAVDKQEP	SLVHAVTGAGKTEMIYQVVAKVINAGGAVCLASPRIDVCLEL	157
NTDB id 535 SMSK321 RS10515 WP 000867726.1	LYYFPQEDFAKQD..ILKWRGQLTPFQEKVSEGLTQAVDKQEP	ILVHAVTGAGKTEMIYQVVAKVINAGGAVCLASPRIDVCLEL	157
consensus	*****	*****	

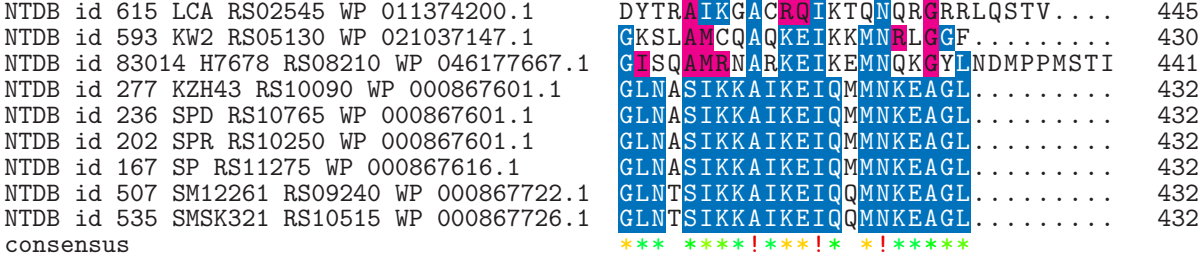
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NTDB id	593	KW2 RS05130 WP 021037147.1	HQRLSRDFTCQIPL.LYH.EGDSYFRSPLVVMTSHQLLRKFKEAFDLLITIDEVDAPFPRDNDMLYFALENAKKINGTLLYLTTATST	251
NTDB id	83014	H7678 RS08210 WP 046177667.1	ANRLKAAFSCRVTLL.LHA.DSEAYQRSPIITVATTHQLLTIFYKAFDLLITIDEVDAPFPVNVHQLQYAAQQAAKEGASSVTLTATST	240
NTDB id	277	KZH43 RS10090 WP 000867601.1	YKRLQQDFSCGIAL.LHG.ESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
NTDB id	236	SPD RS10765 WP 000867601.1	YKRLQQDFSCGIAL.LHG.ESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
NTDB id	202	SPR RS10250 WP 000867601.1	YKRLQQDFSCGIAL.LHG.ESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
NTDB id	167	SP RS11275 WP 000867616.1	YKRLQQDFSCGIAL.LHG.ESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
NTDB id	507	SM12261 RS09240 WP 000867722.1	YKRLQKDFACEIAL.LHG.ESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
NTDB id	535	SMSK321 RS10515 WP 000867726.1	YKRLQKDFACEISL.LYG.ESEPYFRTPLVVSITHQLLKFYQAFDLLIVDEVDAPFPVDNPMLYHAVKNNSVKENGLRIFLTATST	240
consensus			* * * * *	

NTDB id	615	LCA RS02545 WP 011374200.1	PAIKRAIAAKQMTVSELP	LPLRFHGHLLPEPQRHVAFN	WRAQLKGRLPKRLERDC	TYLK.TQQILFVPQVRLL	QPVANRLSTLL	333		
NTDB id	593	KW2 RS05130 WP 021037147.1	DKLDKQIKKKHEIKRFL	LPRRFHGHPLVIPMFFW	KKTFYKK.....	FIBQRKTGFPLLIFVAE	IDFGCDFAKNLQEK	323		
NTDB id	83014	H7678 RS08210 WP 046177667.1	KELEEQVKSGELEKLT	LARRFHDNPLIIPKFIR	SFGLLKKTHCQKLPRAL	VKSISQQRKTGCP	PLLIFLPITIAMAE	LVTELLKLA	325	
NTDB id	277	KZH43 RS10090 WP 000867601.1	NELDKKVRLGELKRLN	LPRRFHGNPLIIPKPIW	LSDFNRYLDKNRLSP	PKLSYIEKQRKTAY	PPLLIFASEIKKG	EQLAEILQE	325	
NTDB id	236	SPD RS10765 WP 000867601.1	NELDKKVRLGELKRLN	LPRRFHGNPLIIPKPIW	LSDFNRYLDKNRLSP	PKLSYIEKQRKTAY	PPLLIFASEIKKG	EQLAEILQE	325	
NTDB id	202	SPR RS10250 WP 000867601.1	NELDKKVRLGELKRLN	LPRRFHGNPLIIPKPIW	LSDFNRYLDKNRLSP	PKLSYIEKQRKTAY	PPLLIFASEIKKG	EQLAEILQE	325	
NTDB id	167	SP RS11275 WP 000867616.1	NELDKKVRLGELKRLN	LPRRFHGNPLIIPKPIW	LSDFNRYLDKNRLSP	PKLSYIEKQRKTAY	PPLLIFASEIKKG	EQLAEILQE	325	
NTDB id	507	SM12261 RS09240 WP 000867722.1	DELDRKVRIIGELKRLS	LPRRFHGNPLIIPKPV	WLSDFNHCLEKSR	LSPKLSYIEKQRKTGY	PPLLIFASEIKKG	EQLKEITI	QE	325
NTDB id	535	SMSK321 RS10515 WP 000867726.1	DELDRKVRIGELKRLS	LPRRFHGNPLIIPKPV	WLSDFNRYLEKKCL	LSPKLSYIEKQRKTGY	PPLLIFASEIKKG	EQLKEILO	KE	325
consensus			*****	!***!	*****	*****	*****	*****	*****	*****

logo



logo



☐ non conserved
☒ similar
☒ ≥ 50% conserved