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NTDB id 362 SMU RS05200 WP 002262214.1	..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDDLMLPEKNGFQVLKELREKGITTPVLIIMTAK	82
NTDB id 258 KZH43 RS03475 WP 000590640.1	..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDDLMLPEKNGFQVLKELREKGITTPVLIIMTAK	82
NTDB id 217 SPD RS03775 WP 000590640.1	..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDDLMLPEKNGFQVLKELREKGITTPVLIIMTAK	82
NTDB id 183 SPR RS03560 WP 000590640.1	..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDDLMLPEKNGFQVLKELREKGITTPVLIIMTAK	82
NTDB id 147 SP RS03905 WP 000590640.1	..MIKILLVEDDLGLSNSV.FDFLDDFADVMQVFDGEEGLYEAESGVYDLILLDDLMLPEKNGFQVLKELREKGITTPVLIIMTAK	82
NTDB id 374 SMU RS06885 WP 002262930.1	..MKKILIVDDKPI.SDIIFKFNLAKEGYDITITAFDGREALSKYEEENPDLIILDDLMLPELDGLEVAKEVRKN.SHVPIIMLSAKD	82
NTDB id 413 AAK55817.1 141..845()	..MKKILIVDDKPI.SDIIFKFNMTKEGYEVVTAFAFGREALEQFEAEQPDIIILDDLMLPEIDGLEVAKTIRKT.SSVPIIMLSAKD	82
NTDB id 56472 LILO RS07840 WP 003130756.1	MTSKKILITIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDDLMLPELDGFEVARRLRKE.KDTPIMMTARD	84
NTDB id 606 V4T04 RS01910 WP 003130756.1	MTSKKILITIEDEKNLARFVSLELEHEGYATEIKDNGRSGLEEATSKDYDLILLDDLMLPELDGFEVARRLRKE.KDTPIMMTARD	84
NTDB id 471 HSISS4 RS01430 WP 002883757.1	.MSKRILIVDEEKNLARFVSLEELQHEGYDVVTADNGREGLEMALEKDFDLILLDDLMLPEMDGFEVTRRLQKE.KDTYIMMTARD	83
consensus	* **!* **!* ***** ****	

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NTDB id 362 SMU RS05200 WP 002262214.1	GLDDDKGHGFELGADDYLTTPFFYLEELKMRIQALLKRSQKFNEN.....NLTYGELTVDATNTTMVNGKEVELLGKEFDL	157
NTDB id 258 KZH43 RS03475 WP 000590640.1	SLDDDKGHGFELGADDYLTTPFFYLEELKMRIQALLKRSQKFNEN.....TLTYGNIVVNLSTNTVKVEDTPVELLGKEFDL	157
NTDB id 217 SPD RS03775 WP 000590640.1	SLDDDKGHGFELGADDYLTTPFFYLEELKMRIQALLKRSQKFNEN.....TLTYGNIVVNLSTNTVKVEDTPVELLGKEFDL	157
NTDB id 183 SPR RS03560 WP 000590640.1	SLDDDKGHGFELGADDYLTTPFFYLEELKMRIQALLKRSQKFNEN.....TLTYGNIVVNLSTNTVKVEDTPVELLGKEFDL	157
NTDB id 147 SP RS03905 WP 000590640.1	SLDDDKGHGFELGADDYLTTPFFYLEELKMRIQALLKRSQKFNEN.....TLTYGNIVVNLSTNTVKVEDTPVELLGKEFDL	157
NTDB id 374 SMU RS06885 WP 002262930.1	SEFDKVICLELGADDYVTKPFSNREILARVKAHLRRTENIESAVAEENASGIPEIIGDLQILPDADFVAKKRGTEVELTHREFEL	167
NTDB id 413 AAK55817.1 141..845()	SEFDKVICLELGADDYVTKPFSNREILARVKAHLRRSQMPVVGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDLTHREFEL	166
NTDB id 56472 LILO RS07840 WP 003130756.1	STMDRVAGLDIGADDYITKPFATEELARVRAFFRREEHGHAV.ERAENTS.....FRDLVIDKTNRTVHRGKKVIDLTRREYDL	163
NTDB id 606 V4T04 RS01910 WP 003130756.1	STMDRVAGLDIGADDYITKPFATEELARVRAFFRREEHGHAV.ERAENTS.....FRDLVIDKTNRTVHRGKKVIDLTRREYDL	163
NTDB id 471 HSISS4 RS01430 WP 002883757.1	STMDRVAGLDIGADDYITKPFATEELARIRATFRQDIEAAKNAPAKAST.....YRDLKLDVQNRRTVVRGDEAIPLTKEFDL	163
consensus	***!* *! **!!!!!!*!!!!**!!*! *!***!***** *	

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NTDB id 362 SMU RS05200 WP 002262214.1	LVYFLQNNQNVLPKTSQIFDRWGFDSDTTISVVEVYVSKVRKKLKDTT.FCKNLQTLRSVGYLLKDVQ.	224
NTDB id 258 KZH43 RS03475 WP 000590640.1	LVYFLQNNQNVLPKTQIFDRWGFDSDTTISVVEVYVSKVRKKLKGT.FAENLQTLRSVGYLLKDVQ.	224
NTDB id 217 SPD RS03775 WP 000590640.1	LVYFLQNNQNVLPKTQIFDRWGFDSDTTISVVEVYVSKVRKKLKGT.FAENLQTLRSVGYLLKDVQ.	224
NTDB id 183 SPR RS03560 WP 000590640.1	LVYFLQNNQNVLPKTQIFDRWGFDSDTTISVVEVYVSKVRKKLKGT.FAENLQTLRSVGYLLKDVQ.	224
NTDB id 147 SP RS03905 WP 000590640.1	LVYFLQNNQNVLPKTQIFDRWGFDSDTTISVVEVYVSKVRKKLKGT.FAENLQTLRSVGYLLKDVQ.	224
NTDB id 374 SMU RS06885 WP 002262930.1	LHHLATHTGQVMTREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYMKSVD.	235
NTDB id 413 AAK55817.1 141..845()	LYHLASHTGQVITREHLLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYMKNNA*	234
NTDB id 56472 LILO RS07840 WP 003130756.1	LTTLMQNVGDVVTRHLLVSQVWGYEEGTETNVVDVYTRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.	230
NTDB id 606 V4T04 RS01910 WP 003130756.1	LTTLMQNVGDVVTRHLLVSQVWGYEEGTETNVVDVYTRYLRNKI.DVEGQDSYIQTVRGLGYVMRERK.	230
NTDB id 471 HSISS4 RS01430 WP 002883757.1	LNTLLSNMNVQVMTREHLLQVWVYDDAETNVVDVYTRYLRNKI.DVPGKESYIQTVRGMGYVIREK..	229
consensus	!*** *****!*****!*** **!*!*** **!*!*** *	

-  non conserved
-  similar
-  ≥ 50% conserved