

NTDB id 615 LCA RS02545 WP 011374200.1	.MGQVVIACGRQFTAAQLADTQNNNY...SLPQIKRRPAFLRVKHLRVQCRCQQ.VVPPQTCLPDGRHYCAICLLFGR	74
NTDB id 593 KW2 RS05130 WP 021037147.1	MNLILENLLGHILLEKDISAFNNFTDQVNNEKLIKIGAMTSVNANKVRGNRCGIIHKTNVKLPIGAFFCPTCLELGRV	80
NTDB id 976936 MGAS38289 RS06685 WP 010922534.1	.MESIENSYGRLLLESQLPDSA.....KQLAQPLKSIVVILRGKMICQRCHY.QLDEEARLP SGAYYC RFCLVFGRN	69
NTDB id 277 KZH43 RS10090 WP 000867601.1	.MKVNIIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLP IGAYYCRECLLMKR	69
NTDB id 236 SPD RS10765 WP 000867601.1	.MKVNIIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLP IGAYYCRECLLMKR	69
NTDB id 202 SPR RS10250 WP 000867601.1	.MKVNIIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLP IGAYYCRECLLMKR	69
NTDB id 167 SP RS11275 WP 000867616.1	.MKVNIIDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLP IGAYYCRECLLMKR	69
NTDB id 507 SM12261 RS09240 WP 000867722.1	.MKVNPNIYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFQCRCNS.TILEEWYLP IGTYYCRECLLMKR	69
NTDB id 535 SMSK321 RS10515 WP 000867726.1	.MKVNPNIYLGRLFTENELTKEE.....RQLAEKLPAMRKEKGKLFQCRCDS.AIIDEWYLP IGAYYCRECLLMKR	69
consensus	***** ** ! ***** * * * * * ***** * * * * *	

NTDB id 615 LCA RS02545 WP 011374200.1	VEGDWLYTVPECHLFENNIPKLTWEQGLTPHQEKAQAQAVVEVVQTQRHVLTAVTGAGKTEMLEFQLILVALQGKGRRVCLA	154
NTDB id 593 KW2 RS05130 WP 021037147.1	RSDEYFYHLPQQDFPEKT..YLRLWTGKLTENQEKEISDALCQQITNNQKLLVQAVTGAGKTEMIYQLIEQIILSHGCCSVGLA	158
NTDB id 976936 MGAS38289 RS06685 WP 010922534.1	QSDKLLYAIPPMPHFPGN..YLVWGGLTAYQEMISSQQLLINMQNQKTTTLVHAVTGAGKTEMIYYAAIEAVINTGGWCVTIA	147
NTDB id 277 KZH43 RS10090 WP 000867601.1	RSDQTLYFFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPRTLHVAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 236 SPD RS10765 WP 000867601.1	RSDQTLYFFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPRTLHVAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 202 SPR RS10250 WP 000867601.1	RSDQTLYFFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPRTLHVAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 167 SP RS11275 WP 000867616.1	RSDQTLYFFPQEDFPKQD..VLKWRGQLTPFQEKVSEGLLQAVDKQKPRTLHVAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 507 SM12261 RS09240 WP 000867722.1	RSDQSLEYFFPQEDFPKQD..VLKWRGQLTPFDKVSQGLLQAVDKQEPESLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
NTDB id 535 SMSK321 RS10515 WP 000867726.1	RSDQVLYFFPQEDFAKQD..ILLKWRGQLTPFQEKVSEGLIQAVDKQEPILVHAVTGAGKTEMIYQVVAKVINAGGAVCLA	147
consensus	* * * * *	

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