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NTDB id 124 BSU 16930 NP 389575.2	LDILENQILDCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGASSIFGGFVTYS	311
NTDB id 462 GPW51 RS00385 WP 012774894.1	LKETEAIVILE.....RVGEFFYGYDD.TSLVKEISIACKEKGITISAAESFTGGLFSEWITDHSKASKLFAGGVVCIYI	308
NTDB id 1142913 DQN68 RS08870 WP 002992182.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTIVATRLAEKRQTIAIVEEQGTGGLLQAELSLALADQPPYFSGGKVVGQ	313
NTDB id 412 SMU RS09535 WP 002262393.1	LGQLEAQLSRKTLLEGQPLADVFYGYGEDNSLARETFELLVYDKSITAAESLTAGLFQSTLASFPGASQVFNNGGFVTYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDKLEKKIITID....NLADYFYGYGEENSIPQVVFLLLEKCKTITAAESLTAGLFQARLADFA GASDIFKGGFITYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFFEGISLRDLICYGYGEEASLASIVVEELKQCKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFFEGISLRDLICYGYGEEASLASIVVEELKRQCKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
consensus	!***!***** ******!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 124 BSU 16930 NP 389575.2	LEEKSRMLDIPAKNLEEHGWSSEETAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPXGTVFIGLAQDQGTEVIKVNIG	391
NTDB id 462 GPW51 RS00385 WP 012774894.1	NIVKQNVLGKKETLDRFGAVSKECAGSELAKGVQKLTCSDIGISFTGVAGPDAQEGHEPCHVFICISANGKEEVHEFHFA	370
NTDB id 1142913 DQN68 RS08870 WP 002992182.1	LGIE.....SGWLS.EEADCIHQELQADLCLAVSVLIKPESTEDNVLAQVYLTATPSGISQKEIDLG	393
NTDB id 412 SMU RS09535 WP 002262393.1	MEEKAKMIGIPLEETKSHGVVSAYTAGMAEQARLLTGADICVSLTGVAGPDMLEEQPAGTVFIGLATQNKVESIKVLTIS	388
NTDB id 170 SP RS09755 WP 000642718.1	IEEKARMLGIPFEDLQLHGVSVAFTAEKMAERSRQLTQADLAISLTGVAGPDSLECGQPAGTVFIGLSSSKRTMAIKVLIG	392
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHHPVGTVFIGLAQDQGTEVIKVNIG	392
consensus	***** * *****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 124 BSU 16930 NP 389575.2	GRSRADVRLIAVMHAFNLVRKALLSD	416
NTDB id 462 GPW51 RS00385 WP 012774894.1	GSRT.GIRKRCAGKYCHLLKLL.EQK...	393
NTDB id 1142913 DQN68 RS08870 WP 002992182.1	GYSWQYLRLACLQAWDFVRNTL.....	423
NTDB id 412 SMU RS09535 WP 002262393.1	GRSRLDVCYIATLHAFNMVRKTLKLENLL	418
NTDB id 170 SP RS09755 WP 000642718.1	GRSRSDVRYIAVLHAFNLVRQTLLSHKNLV	418
NTDB id 280 KZH43 RS08670 WP 000642700.1	GRSRADVRLIAVMHAFNLVRKALLSD....	418
NTDB id 205 SPR RS08830 WP 000642700.1	GRSRADVRLIAVMHAFNLVRKALLSD....	418
NTDB id 239 SPD RS09270 WP 000642701.1	GRSRADVRLIAVMHAFNLVRKALLSD....	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GRSRADVRLIAVMHAFNLVRKALLSD....	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GRSRADVRLIAVMHAFNLVRKALLSD....	418
consensus	!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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