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NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 1126763 FGK81 RS00580 WP 011018313.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
consensus

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NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 1126763 FGK81 RS00580 WP 011018313.1
NTDB id 412 SMU RS09535 WP 002262393.1
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NTDB id 538 SMSK321 RS11060 WP 000642686.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
consensus

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NTDB id 124 BSU 16930 NP 389575.2	LDILENQILDCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGASSIFGGFVTYS	311
NTDB id 462 GPW51 RS00385 WP 012774894.1	LKETEAIVILE.....RVGEFFYGYDD..TSLVKEISIACKEKGITISAAESFTGGLFSEWITDHSKASKLFAGGVVCYI	308
NTDB id 1126763 FGK81 RS00580 WP 011018313.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTIVATRLAEKRQTIAIVEEQGTGGLLQAELSLALADQPPYFSGGKVVGQ	313
NTDB id 412 SMU RS09535 WP 002262393.1	LGQLEAQLSRKTLLEGQPLADVFYGYGEDNSLARETFELLVYDKTITAAESLTAGLFQSTLASFPGASQVFNNGGFVAYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDKLEKKIITID....NLADYFYGYGEENSIPQVVFLLLEKCKTITAAESLTAGLFQARLADFA GASDIFKGGFI TYS	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	LDILENQILGRQTFFEGISLRDLFCYGYGEEASLASIVVEELKQCKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFFEGISLRDLFCYGYGEETSLSASIVVEELKRQCKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
consensus	!***!***** ******!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 124 BSU 16930 NP 389575.2	LEEKSRMLDIPAKNLEEHGWSSEETAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPXGTVFIGLAQDQGTEVIKVNIG	391
NTDB id 462 GPW51 RS00385 WP 012774894.1	NIVKQNVLGKKETLDRFGAVSKECAGSELAKGVQKLTCSDIGISFTGVAGPDAQEGHEPCHVFICISANGKEEVHEFHFA	370
NTDB id 1126763 FGK81 RS00580 WP 011018313.1	LGIE.....SGWLS.EEADCIHQELQADLCLAVSVLIKPESTEDNVLAQVYLTATPSGISQKEIDL	393
NTDB id 412 SMU RS09535 WP 002262393.1	MEEKAKMIGIPLEETKSHGVVSAYTAGMAEQARLLTGADICVSLTGVAGPDMLEEQPAGTVFIGLATQNKVESIKVLTIS	388
NTDB id 170 SP RS09755 WP 000642718.1	IEEKARMLGIPFEDLQLHGVSVAFTAQKMAERSRQLTQADLAISLTGVAGPDSLECGQPAGTVFIGLSSSKRTMAIKVLIG	392
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVFIGLAQDQGTEVIKVNIG	392
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVFIGLAQDQGTEVIKVNIG	392
consensus	***** * *****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 124 BSU 16930 NP 389575.2	GRSRADVRLIAVMHAFNLVRKALLSD	416
NTDB id 462 GPW51 RS00385 WP 012774894.1	GSRTGIRKRCAGYCHLLKLLEQ.K...	393
NTDB id 1126763 FGK81 RS00580 WP 011018313.1	CYSWQYLRLACLQAWDFVRNTL.....	423
NTDB id 412 SMU RS09535 WP 002262393.1	QQRSLDVRYIATLHAFNMVRKTLKLENLL	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