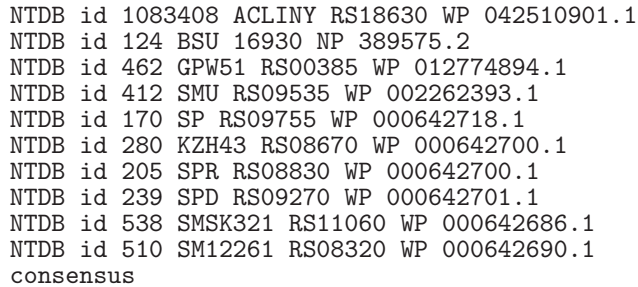
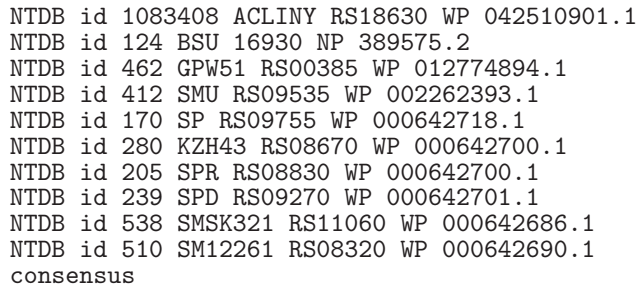


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NTDB id 1083408 ACLINY RS18630 WP 042510901.1
NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 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 1083408 ACLINY RS18630 WP 042510901.1	IQHVEDLILE.....RVGEFFFGYDQ.EFLHDKAIELLKKKGLTLACAESLTGGLFGNQVTEAGVSSVFKGGVTCYH	306
NTDB id 124 BSU 16930 NP 389575.2	LKETEAIVILE.....RVGEFFFGYDD.TSLVKELSIACKEKGITISAAESFTGGLFSEWLTDSHSGASKLFAGGVVCYT	311
NTDB id 462 GPW51 RS00385 WP 012774894.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADQPYFSGGKVVGQ	308
NTDB id 412 SMU RS09535 WP 002262393.1	LDKLEKKIITID....NLADYFYGYGEENSLPQVVFDLLKEKGKTIITAAESLTAGLFQARLADFAGASDIFKGGFITYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQGTKITAAAESLTAGLFQATVANFSGVSSIFKGGFVTYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQGTKITAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQGTKITAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQGTKITAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFEGLSLRDLCYGYGEEASLASIVVEELKQGGKTIITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFEGLSLRDLCYGYGEETSLASIVVEELKRQGGKTIITAAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
consensus	*****!***!*** **********!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 1083408 ACLINY RS18630 WP 042510901.1	NDVKQHVLRLVPEEVLFDTGAVSKECARYLAENVKELLEADIGISFTGVAGPDASEHKEPGTVFVGLAIKDEPTVVFPLNL	386
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NTDB id 462 GPW51 RS00385 WP 012774894.1	LGIES.....GMLS.EEADCIHQELQADLGLAVSVLIKPESTEDNVLAKVYITLATPSGIS.QKEIDL	369
NTDB id 412 SMU RS09535 WP 002262393.1	IEEKARMLGIPFEDLQLHGVVSAFTAQKMAERSRQLTQADLAISLTGVAGPDSLEGQPPAGTVFVIGLSSSKRTM.AIKVLI	387
NTDB id 170 SP RS09755 WP 000642718.1	LEEKSRLMDIPAKNLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFVIGLAQDQGTE.VIKVNI	391
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRLMDIPAKNLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFVIGLAQDQGTE.VIKVNI	391
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRLMDIPAKNLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFVIGLAQDQGTE.VIKVNI	391
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRLMDIPAKNLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFVIGLAQDQGTE.VIKVNI	391
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRLMDIPVVDLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFVIGLAQEHGTE.VIKVNI	391
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRLMDIPVVDLEEKGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFVIGLAQEQGTE.VIKVNI	391
consensus	********** * **********!*****!*****!*****!*****!*****!***** *****	

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NTDB id 1083408 ACLINY RS18630 WP 042510901.1	SG.SRQQIRERSAKYGFYHLYKKLEEI....	412
NTDB id 124 BSU 16930 NP 389575.2	AG.SRTGIRKRCAYKGCHLILKLLLEQK....	416
NTDB id 462 GPW51 RS00385 WP 012774894.1	GGYSWQYLRLACLQAWDFVRNTL.....	393
NTDB id 412 SMU RS09535 WP 002262393.1	GGRSRSDVRYIAVLHAFNLRVQTLLSHKNLV	418
NTDB id 170 SP RS09755 WP 000642718.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
NTDB id 280 KZH43 RS08670 WP 000642700.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
NTDB id 205 SPR RS08830 WP 000642700.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
NTDB id 239 SPD RS09270 WP 000642701.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GGRSRADVRHIAVMHAFNLRKALLSD....	418
consensus	*!***!**********!***	

- [] non conserved
- [X] similar
- [X] ≥ 50% conserved