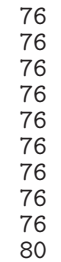


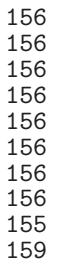
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NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
NTDB id 964512 NSQ43 RS10055 WP 339249814.1
NTDB id 124 BSU 16930 NP 389575.2
consensus

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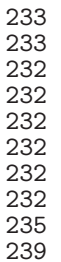
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NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
NTDB id 964512 NSQ43 RS10055 WP 339249814.1
NTDB id 124 BSU 16930 NP 389575.2
consensus
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NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
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NTDB id 964512 NSQ43 RS10055 WP 339249814.1
NTDB id 124 BSU 16930 NP 389575.2
consensus

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logo

NTDB id 462 GPW51 RS00385 WP 012774894.1	LNQLEEDILQHD.....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEEQGTGGLLQAEISLALADQPYFSGGKVVGQ	308
NTDB id 412 SMU RS09535 WP 002262393.1	LDKLEKKITITID.....NLADYFYGYGEENSLPQVVFDLLKEKGKTTTAAESLTAGLFQARLADFAGASDIFKGGFTTYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDILENQILDQCQTFFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDQCQTFFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDQCQTFFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDQCQTFFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFFEGISLRDLFCYGYGEEASLASIVVEELKKQGGKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFFEGISLRDLFCYGYGEETSLASIVVEELKRQGKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
NTDB id 964512 NSQ43 RS10055 WP 339249814.1	IAQVEREIRD.....LVGEFIFGIDN.DTLPSCAAGLLKNGQLTIAAAESLTAGLFMSSELASESGITSSSLKGGVVVYN	307
NTDB id 124 BSU 16930 NP 389575.2	LKETEAIVILE.....RVGEFFYGYDD.TSLVKELSIACKEKGITISAAESFTGGLFSEWLTDHSGASKLFAGGVVCT	311
consensus	*****!***!*** *****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 462 GPW51 RS00385 WP 012774894.1	LEEKSRMLDIPAKNLEEHWSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVEIGLAQDQGTEV.IKVN!	369
NTDB id 412 SMU RS09535 WP 002262393.1	IEEKARMLGIPFEDLQLHGVVSAFTAQKMAERSRQLTQADLAISLTGVAGPDSLEGGPAGTVFIGLSSSKRTMA.IKVLI	387
NTDB id 170 SP RS09755 WP 000642718.1	LEEKSRLMDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVEIGLAQDQGTEV.IKVNI	391
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVEIGLAQDQGTEV.IKVNI	391
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRLMDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVEIGLAQDQGTEV.IKVNI	391
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRLMDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPVGTVEIGLAQDQGTEV.IKVNI	391
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSKMLDIPVVDLEEQGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPAGTVFIGLAQEHGHTKV.IKVNI	391
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSKMLDIPVVDLEEQGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVPAGTVFIGLAQEHGHTKV.IKVNI	391
NTDB id 964512 NSQ43 RS10055 WP 339249814.1	DDMKVEQLGISRSLLELEYGVVSSQCAEALAMSAKLFSSDVGVLGTGAAGPDPHDGKPVGVWIGITALQDGSVKTFKLDL	387
NTDB id 124 BSU 16930 NP 389575.2	NDVKQNVLGVKKETLDRFGAVSKECSELAKGVQKLTGSDIGISFTGVAGPDAQEGHEPCHVFIGISAN.GKEEVHEHFH	390
consensus	***** * *****!*****!*****!*****!*****!*****!*****	

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NTDB id 462 GPW51 RS00385 WP 012774894.1	GGYSWQYLRLQLAQLQAW.....DFVRNTL.....	393
NTDB id 412 SMU RS09535 WP 002262393.1	GGRSRSDVRYIAVLHAF....NLVRQTLLSHKNLV	418
NTDB id 170 SP RS09755 WP 000642718.1	GGRSRADVRHIAVMHAF....NLVRKALLSD....	418
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NTDB id 205 SPR RS08830 WP 000642700.1	GGRSRADVRHIAVMHAF....NLVRKALLSD....	418
NTDB id 239 SPD RS09270 WP 000642701.1	GGRSRADVRHIAVMHAF....NLVRKALLSD....	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GGRSRADVRHIAVMHAF....NLVRKALLSD....	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GGRSRADVRHIAVMHAF....NLVRKALLSD....	418
NTDB id 964512 NSQ43 RS10055 WP 339249814.1	SGNR.NTNRRRASQYALYYLIKELNKSRVEN....	417
NTDB id 124 BSU 16930 NP 389575.2	AGSR.TGIRKRGAKYGCHLILKLEQK.....	416
consensus	*!*****!***** *****	

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