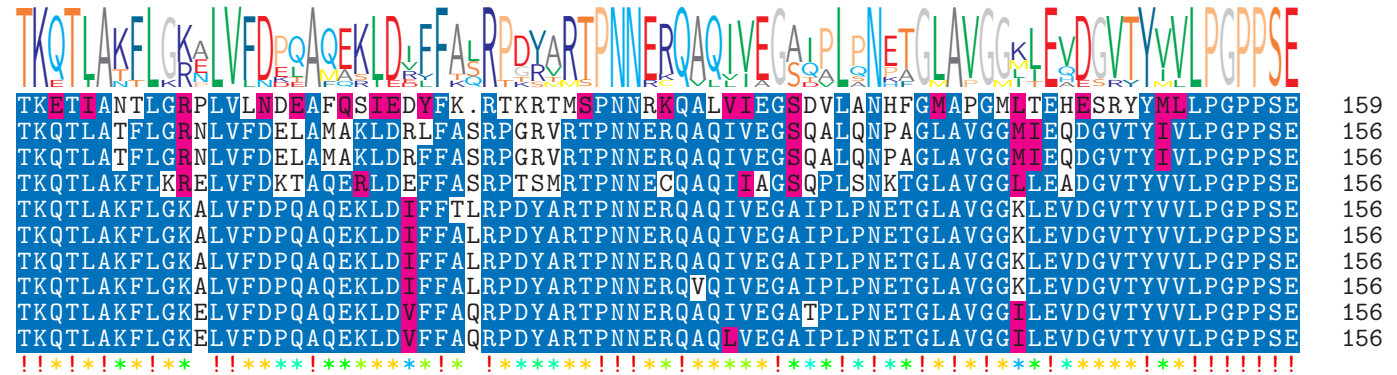


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NTDB id 124 BSU 16930 NP 389575.2
NTDB id 1155477 QNH65 RS07370 WP 023369043.1
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 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 124 BSU 16930 NP 389575.2
NTDB id 1155477 QNH65 RS07370 WP 023369043.1
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 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	LDILENQILDCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAQLFQATVANFSGVSSIFKGGFVTYS	311
NTDB id 1155477 QNH65 RS07370 WP 023369043.1	LNQLEEDILQHD....KLADYFYAYGEDNSLAKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADLPYFSGGKVVGQ	308
NTDB id 462 GPW51 RS00385 WP 012774894.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADQPYFSGGKVVGQ	308
NTDB id 412 SMU RS09535 WP 002262393.1	LDKLEKKITITID....NLADYFYGYGEENSIPQVVFLLLEKCKTITAAESLTAQLFQARLADFAQASDIFKGGFVTYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAQLFQATVANFSGVSSIFKGGFVTYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAQLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAQLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDCCQTFFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAQLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFFEGISLRDLFCYGYGEEASLASIVVEELKQCKTITAAESLTAQLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFFEGISLRDLFCYGYGEETSLSASIVVEELKRQCKTITSAESLTAQLFQARVADFSGASSIFKGGFVTYS	312
consensus	!***!***!*** *****!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***	

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NTDB id 124 BSU 16930 NP 389575.2	LEEKSRMLDIPAKNLEEHCWSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	391
NTDB id 1155477 QNH65 RS07370 WP 023369043.1	LVGKQNVLGKVKETLDRFGAVSKECASELAKGVQKLTCSDIGISFTGVAGPDAQEGHEPCHVFICISANGKEEVHEHFHA	370
NTDB id 462 GPW51 RS00385 WP 012774894.1	LGTESGRL.....SEBADCIRQELQADLCLAVSVLIKPESTEDNVLAKVYLTLATTSGISQKEVDLG	370
NTDB id 412 SMU RS09535 WP 002262393.1	LGIESGWL.....SEBADCIRQELQADLCLAVSVLIKPESTEDNVLAKVYLTLATPSGISQKEIDLIG	388
NTDB id 170 SP RS09755 WP 000642718.1	LEEKARMLGIPFEDLQLHGVVSAFTAQKMAERSRLTQADLAISLTGVAGPDSLEGGPAGTVFIFGLSSSKRTMAIKVLIG	392
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHCWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	392
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRMLDIPAKNLEEHCWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	392
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRMLDIPAKNLEEHCWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	392
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRMLDIPAKNLEEHCWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	392
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRMLDIPAKNLEEHCWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVGTVFIFGLAQDQGTEVIKVNIG	392
consensus	*****!*** * *****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 124 BSU 16930 NP 389575.2	GRSRADVRHI....AVMHAFNLVRKALLSD....	416
NTDB id 1155477 QNH65 RS07370 WP 023369043.1	GSRT.GTRKRGAKYCHLILKLEQK.....	393
NTDB id 462 GPW51 RS00385 WP 012774894.1	GYSWQYLRL....ACLQAWDFVRNTL.....	393
NTDB id 412 SMU RS09535 WP 002262393.1	GYSWQYLRL....ACLQAWDFVRNTL.....	418
NTDB id 170 SP RS09755 WP 000642718.1	GRSRSDVRYI....AVLHAFNLVRQTLLSHKNLV	418
NTDB id 280 KZH43 RS08670 WP 000642700.1	GRSRADVRHI....AVMHAFNLVRKALLSD....	418
NTDB id 205 SPR RS08830 WP 000642700.1	GRSRADVRHI....AVMHAFNLVRKALLSD....	418
NTDB id 239 SPD RS09270 WP 000642701.1	GRSRADVRHI....AVMHAFNLVRKALLSD....	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GRSRADVRHI....AVMHAFNLVRKALLSD....	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GRSRADVRHI....AVMHAFNLVRKALLSD....	418
consensus	!*****!*** *****	

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