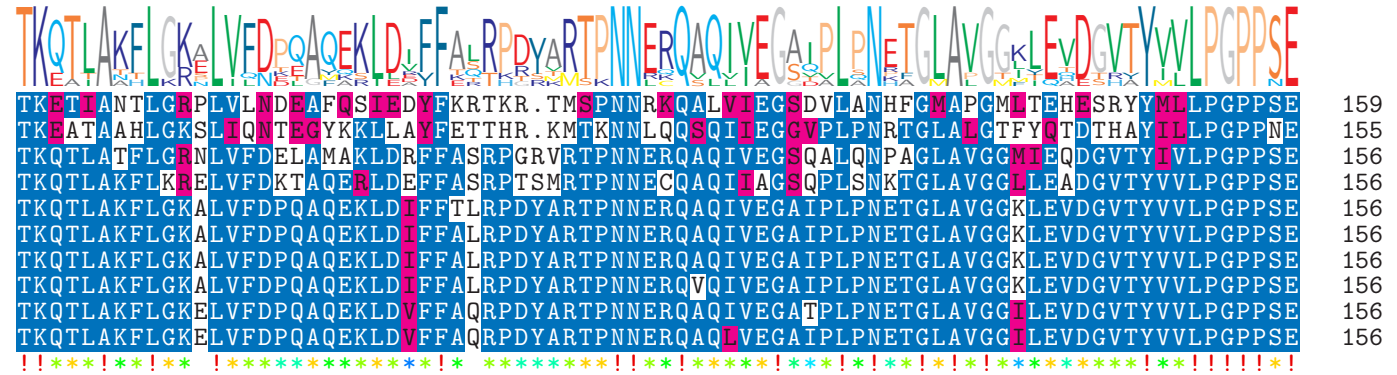


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NTDB id 124 BSU 16930 NP 389575.2
NTDB id 1124507 EQB62 RS13570 WP 002296026.1
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 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

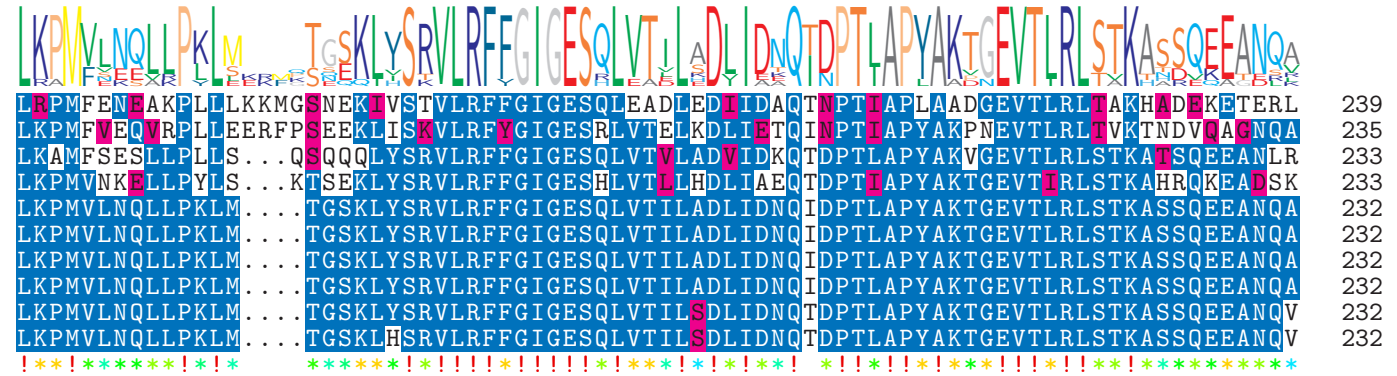
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NTDB id 124 BSU 16930 NP 389575.2
NTDB id 1124507 EQB62 RS13570 WP 002296026.1
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 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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logo

NTDB id 124 BSU 16930 NP 389575.2	LDILENQILDCQTFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVAFSGVSSIFKGGFVTYS	311
NTDB id 1124507 EQB62 RS13570 WP 002296026.1	LLALEEKIQE.....RVGEYFYGYGDDNSLAKVVVELLKENKQTVTAAESLTAGAFQAAALCDIAGVSEVFPGGFVTYS	308
NTDB id 462 GPW51 RS00385 WP 012774894.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADQPYFSGGKVVGQ	308
NTDB id 412 SMU RS09535 WP 002262393.1	LDKLEKKIITID....NLADYFYGYGEENSIPQVVFLLLEKCKTITAAESLTAGLFQATVADFAAGSDIFKGGFVTYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDILENQILDCCQTFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVAFSGVSSIFKGGFVTYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDCCQTFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVAFSGVSSIFEGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDCCQTFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVAFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDCCQTFEGISLRDFCYGYGEETSLSASIVVEELKRQCKTIAAAESLTAGLFQATVAFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFEGISLRDLFCYGYGEEASLASIVVEELKQCKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFEGISLRDLFCYGYGEETSLSASIVVEELKRQCKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
consensus	!***!***!*** *****!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***!***	

logo

NTDB id 124 BSU 16930 NP 389575.2	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	391
NTDB id 1124507 EQB62 RS13570 WP 002296026.1	NDVKKQNVLGKVKKETLDRFCGAVSKECASELAKGVQKLTCSDIGISFTGVAGPDAQEGHEPCHVFICISANGKEEVHEHFHA	387
NTDB id 462 GPW51 RS00385 WP 012774894.1	LQTKAGFLIDPELLAEYGTVSKECVQMAIQAREIARDYSVAFTGVAGPDILEGQSAQTVWIAISSKDCVVSEKYHF.	370
NTDB id 412 SMU RS09535 WP 002262393.1	LGIES.....GWLSEBADCIHQELQADLGLAVSVLIKPESTEDNVLAKVYITLATPSGISQKEIDILG	388
NTDB id 170 SP RS09755 WP 000642718.1	LEEKARMLGIPFEDLQLHGVVSAFTAQKMAERSRQLTQADLAISLTGVAGPDSLECGQPAGTVFIGLSSSKRTMAIKVLIG	392
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	392
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	392
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	392
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	392
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPEXGTFEIGLAQDQGTEVIKVNIG	392
consensus	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

logo

NTDB id 124 BSU 16930 NP 389575.2	GRSRADVRHIAVMHAFNLVRKALLSD	416
NTDB id 1124507 EQB62 RS13570 WP 002296026.1	GSRTGTRKRCAGKYCHLILKLLLEQK....	413
NTDB id 462 GPW51 RS00385 WP 012774894.1	ARDRAAIRYNAMVQCFLLRKQLLRK....	393
NTDB id 412 SMU RS09535 WP 002262393.1	GYSWQYLRLACLQAWDFVRNTL.....	418
NTDB id 170 SP RS09755 WP 000642718.1	GRSRSDVRYIAVLHAFNLVRQTLLSHKNLV	418
NTDB id 280 KZH43 RS08670 WP 000642700.1	GRSRADVRHIAVMHAFNLVRKALLSD....	418
NTDB id 205 SPR RS08830 WP 000642700.1	GRSRADVRHIAVMHAFNLVRKALLSD....	418
NTDB id 239 SPD RS09270 WP 000642701.1	GRSRADVRHIAVMHAFNLVRKALLSD....	418
NTDB id 538 SMSK321 RS11060 WP 000642686.1	GRSRADVRHIAVMHAFNLVRKALLSD....	418
NTDB id 510 SM12261 RS08320 WP 000642690.1	GRSRADVRHIAVMHAFNLVRKALLSD....	418
consensus	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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