

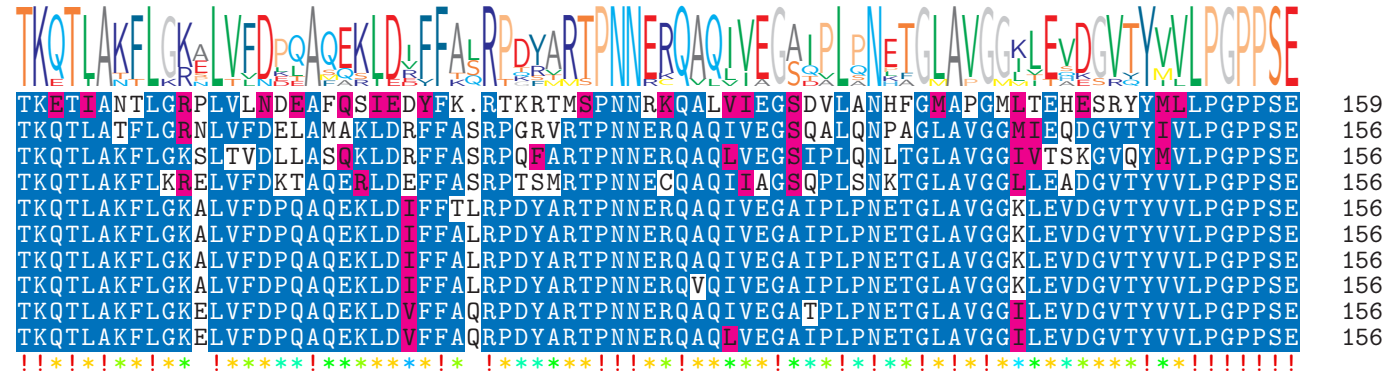
```
NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 1123645 EL254 RS10130 WP 001200975.1
NTDB id 412 SMU RS09535 WP 002262393.1
NTDB id 170 SP RS09755 WP 000642718.1
NTDB id 280 KZH43 RS08670 WP 000642700.1
NTDB id 205 SPR RS08830 WP 000642700.1
NTDB id 239 SPD RS09270 WP 000642701.1
NTDB id 538 SMSK321 RS11060 WP 000642686.1
NTDB id 510 SM12261 RS08320 WP 000642690.1
consensus
```



```

NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 1123645 EL254 RS10130 WP 001200975.1
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

```



```

NTDB id 124 BSU 16930 NP 389575.2
NTDB id 462 GPW51 RS00385 WP 012774894.1
NTDB id 1123645 EL254 RS10130 WP 001200975.1
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

```



logo

NTDB id 124 BSU 16930 NP 389575.2	LDILENQILDCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYS	311
NTDB id 462 GPW51 RS00385 WP 012774894.1	LKETEAVILE.....RVGEFFYGYDD.TSLVKEISIACKEKGITISAAESFTGGLFSEWITDHSKASKLFAGGVVCYT	308
NTDB id 1123645 EL254 RS10130 WP 001200975.1	LNQLEEDILQHD....KLADYFYAYGEDNSLVKTVAIRLAEKRQTIAIVEEQGTGGLLQAELSLALADQPYFSGGKVVGQ	313
NTDB id 412 SMU RS09535 WP 002262393.1	LDLSLEKILALKTLNRRKLDLLYGYCDNNSMARTVLELLKVQNKTTITAAESLTAGLFQSLAEFSGASQVFNNGGFTTYS	308
NTDB id 170 SP RS09755 WP 000642718.1	LDKLEKKITITID....NLADYFYGYGEENSIPQVFDLLKEKGKTITAAESLTAGLFQARLADFA GASDIFKGGFTTYS	312
NTDB id 280 KZH43 RS08670 WP 000642700.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYS	312
NTDB id 205 SPR RS08830 WP 000642700.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 239 SPD RS09270 WP 000642701.1	LDILENQILDCCQTFEGLSLRDFCYGYGEETSLASIVVEELKRQCKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYS	312
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LDILENQILGRQTFEGLSLRDLICYGYGEEASLASIVVEELKQGGKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYS	312
NTDB id 510 SM12261 RS08320 WP 000642690.1	LDILENQILGRQTFEGLSLRDLICYGYGEETSLASIVVEELKRQGGKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYS	312
consensus	!***!***!* * *****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

logo

NTDB id 124 BSU 16930 NP 389575.2	LEEKSRMLDIPAKNLEEHWSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHXPXTVFICGLAQDQGTIVIKVNIG	391
NTDB id 462 GPW51 RS00385 WP 012774894.1	NVVKQNVLGKKETLDRFCAVSKECASELAKGVQKLTCSDIGISFTGVAGPDAQEGHEPCHVFICISANGKEEVHEFHFA	370
NTDB id 1123645 EL254 RS10130 WP 001200975.1	LGI.....ESGWS.EEADCIHQELQADLCLAVSVLIKPESTEDNVLAQVYLTATPSGISQKEIDL	393
NTDB id 412 SMU RS09535 WP 002262393.1	MEAKSQLTGTPKKKLCQYGVISHFTABAMACQARQLLKADFGIGLTGVAGPDELEGYPAGTVFIGIATPEGVSSIKVSIG	388
NTDB id 170 SP RS09755 WP 000642718.1	LEEKARMLGIPFEDLQLHGVSVAFTA EKMAERSRQLTQADLALISLTGVAGPDSLECGQPA GTVFIGLS SSKRTMAIKVLIG	392
NTDB id 280 KZH43 RS08670 WP 000642700.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVP GTVFIGLAQDQGTEVIKVNIG	392
NTDB id 205 SPR RS08830 WP 000642700.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVP GTVFIGLAQDQGTEVIKVNIG	392
NTDB id 239 SPD RS09270 WP 000642701.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVP GTVFIGLAQDQGTEVIKVNIG	392
NTDB id 538 SMSK321 RS11060 WP 000642686.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVP GTVFIGLAQDQGTEVIKVNIG	392
NTDB id 510 SM12261 RS08320 WP 000642690.1	LEEKSRMLDIPAKNLEEHWVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHVP GTVFIGLAQDQGTEVIKVNIG	392
consensus	***** * *****!*****!*****!*****!*****!*****!*****!*****!*****	

logo

NTDB id 124 BSU 16930 NP 389575.2	GRSRADVRHIAVMHAFNLVRKALLSD	416
NTDB id 462 GPW51 RS00385 WP 012774894.1	GSRTGTRKRC AKYCHLLKLL.EQK...	393
NTDB id 1123645 EL254 RS10130 WP 001200975.1	CYSWQYLRLACLQAWLEVRNTL.....	419
NTDB id 412 SMU RS09535 WP 002262393.1	CKSRSDVRHISTLHAFDLVRKALLKI....	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