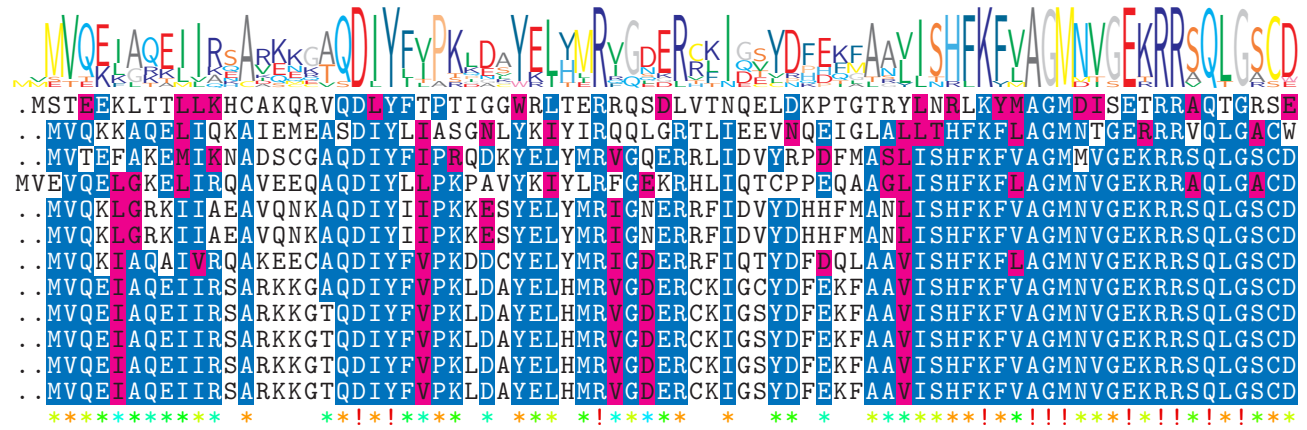


logo

```
NTDB id 617 LCA RS06480 WP 011375001.1
NTDB id 586 KW2 RS10855 WP 011836048.1
NTDB id 1131064 H0514 RS00830 WP 179972347.1
NTDB id 584 DLJ51 RS00890 WP 019777327.1
NTDB id 385 SMJ RS09035 WP 002263435.1
NTDB id 394 FSA28 RS09405 WP 002291652.1
NTDB id 429 SGO RS09420 WP 012130942.1
NTDB id 500 SM12261 RS00945 WP 000249545.1
NTDB id 270 KZH43 RS09265 WP 000249564.1
NTDB id 229 SPD RS09895 WP 000249564.1
NTDB id 195 SPR RS09430 WP 000249564.1
NTDB id 160 SP RS10380 WP 000249564.1
```

consensus

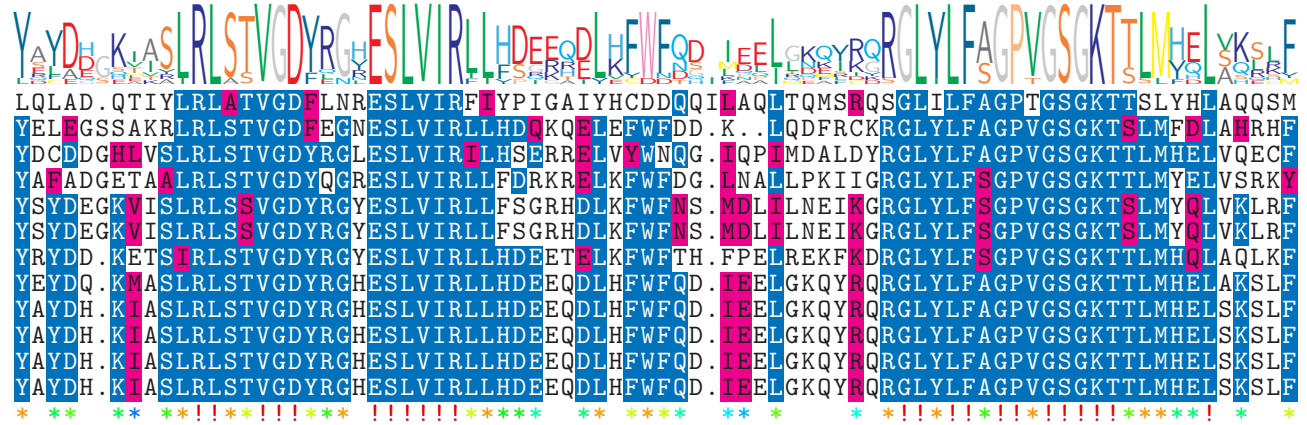


79
78
78
80
78
78
78
78
78
78
78
78

logo

```
NTDB id 617 LCA RS06480 WP 011375001.1
NTDB id 586 KW2 RS10855 WP 011836048.1
NTDB id 1131064 H0514 RS00830 WP 179972347.1
NTDB id 584 DLJ51 RS00890 WP 019777327.1
NTDB id 385 SMU RS09035 WP 002263435.1
NTDB id 394 FSA28 RS09405 WP 002291652.1
NTDB id 429 SGO RS09420 WP 012130942.1
NTDB id 500 SM12261 RS00945 WP 000249545.1
NTDB id 270 KZH43 RS09265 WP 000249564.1
NTDB id 229 SPD RS09895 WP 000249564.1
NTDB id 195 SPR RS09430 WP 000249564.1
NTDB id 160 SP RS10380 WP 000249564.1
```

consensus



158
155
157
159
157
157
156
156
156
156
156
156

logo

```
NTDB id 617 LCA RS06480 WP 011375001.1
NTDB id 586 KW2 RS10855 WP 011836048.1
NTDB id 1131064 H0514 RS00830 WP 179972347.1
NTDB id 584 DLJ51 RS00890 WP 019777327.1
NTDB id 385 SMU RS09035 WP 002263435.1
NTDB id 394 FSA28 RS09405 WP 002291652.1
NTDB id 429 SGO RS09420 WP 012130942.1
NTDB id 500 SM12261 RS00945 WP 000249545.1
NTDB id 270 KZH43 RS09265 WP 000249564.1
NTDB id 229 SPD RS09895 WP 000249564.1
NTDB id 195 SPR RS09430 WP 000249564.1
NTDB id 160 SP RS10380 WP 000249564.1
```

consensus



238
235
237
239
237
237
236
236
236
236
236
236

logo

NTDB id 617 LCA RS06480 WP 011375001.1	QGVVARLLDLGISELQIRACLTGTAVQSLVTKDDVVQAH...YELLTQSDYFSKKE...GGCDV.....	296
NTDB id 586 KW2 RS10855 WP 011836048.1	KGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENTYANGHUTAIEAEREKISINQAS	315
NTDB id 1131064 H0514 RS00830 WP 179972347.1	TGVYERLLDFGVDKSELDNALQCIAYMRLIKGGGVIDFARENFQNHSSTNWNHOLEGLVKQGCLTERDITGEKIKD....	313
NTDB id 584 DLJ51 RS00890 WP 019777327.1	PGVYARTLELGVSGDELNCLACIAYQRLIGGGCLIDFAQDHFQNHQAECWNEKIDQLLAAGHITEEBAAEKIKD....	315
NTDB id 385 SMU RS09035 WP 002263435.1	PGVYARMLELGTSSSEELQNALRGITVYQRLIGGGGVIDFAKGDYQNHSAKKWNKQIYDLFTACYITEGEAAAEETED....	313
NTDB id 394 FSA28 RS09405 WP 002291652.1	PGVYARMLELGTSSSEELQNALCGITVYQRLIGGGGVIDFAKGDYQNHSAKKWNKQIYDLFTACYITEGEAAAEETED....	313
NTDB id 429 SGO RS09420 WP 012130942.1	PGVYERLLELGVSEEEELKIVLQGITCYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEEKIRNQQAK	316
NTDB id 500 SM12261 RS00945 WP 000249545.1	RGVYERLLELGVSEEEELAVVLQGVICYQRLIGGGGVIDFANKDYQEBHQSTSWNAQIDQLLKDGHITSLQAETEKISYS...	313
NTDB id 270 KZH43 RS09265 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGVICYQRLIGGGGVIDFASRDYQEBHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...	313
NTDB id 229 SPD RS09895 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGVICYQRLIGGGGVIDFASRDYQEBHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...	313
NTDB id 195 SPR RS09430 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGVICYQRLIGGGGVIDFASRDYQEBHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...	313
NTDB id 160 SP RS10380 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGVICYQRLIGGGGVIDFASRDYQEBHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...	313
consensus	!!**!*!!**!*~***~!~***~!***~*****~***~*~*~***~*****~!***~**~***~	

logo

NTDB id 617 LCA RS06480 WP 011375001.1	TSYTTDGESFE	296
NTDB id 586 KW2 RS10855 WP 011836048.1	KIDTTDGESFE	326
NTDB id 1131064 H0514 RS00830 WP 179972347.1		313
NTDB id 584 DLJ51 RS00890 WP 019777327.1		315
NTDB id 385 SMU RS09035 WP 002263435.1		313
NTDB id 394 FSA28 RS09405 WP 002291652.1		313
NTDB id 429 SGO RS09420 WP 012130942.1	TSY.....	319
NTDB id 500 SM12261 RS00945 WP 000249545.1		313
NTDB id 270 KZH43 RS09265 WP 000249564.1		313
NTDB id 229 SPD RS09895 WP 000249564.1		313
NTDB id 195 SPR RS09430 WP 000249564.1		313
NTDB id 160 SP RS10380 WP 000249564.1		313
consensus		

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved