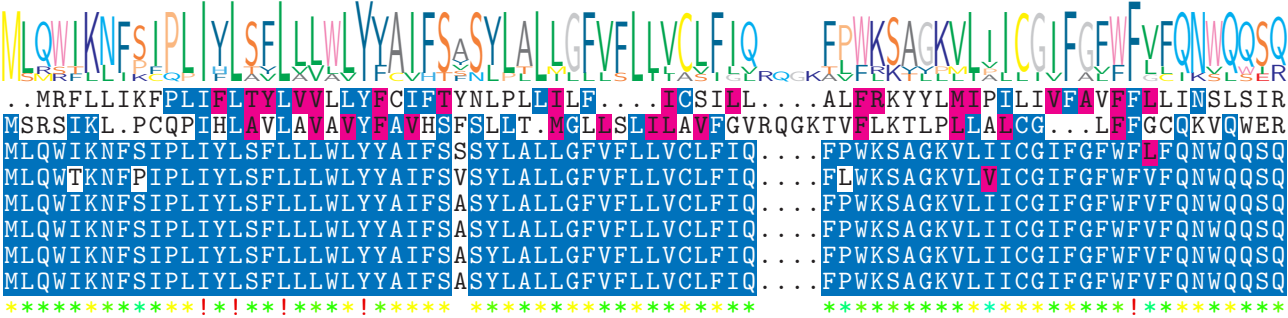


logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



70
75
76
76
76
76
76
76

logo

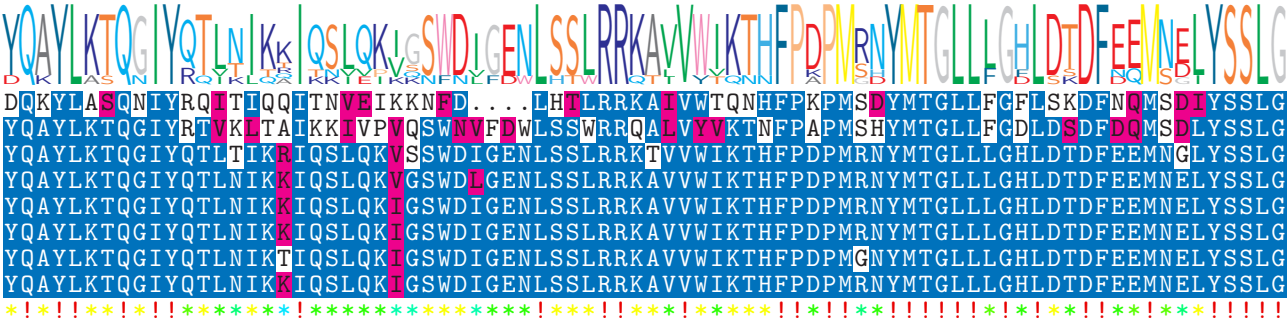
NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



150
155
156
156
156
156
156
156

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



226
235
236
236
236
236
236
236

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



303
315
316
316
316
316
316
316

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



383
393
393
393
393
393
393
393

logo

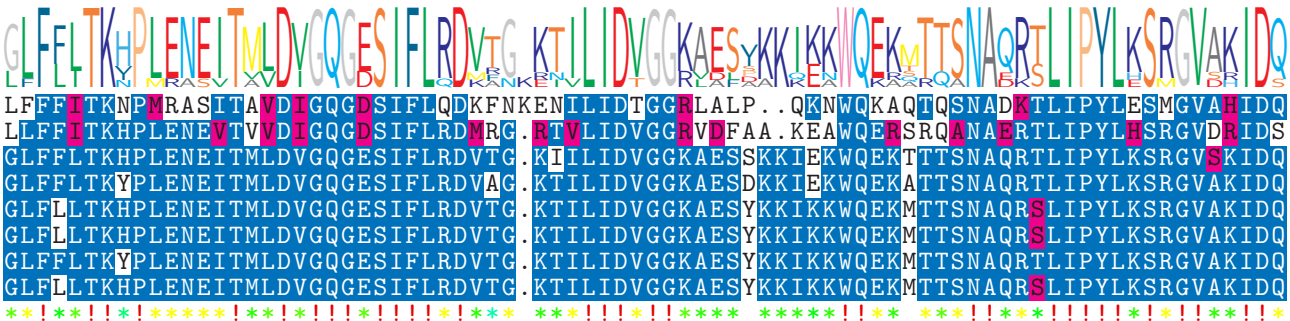
NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



463
473
473
473
473
473
473
473

logo

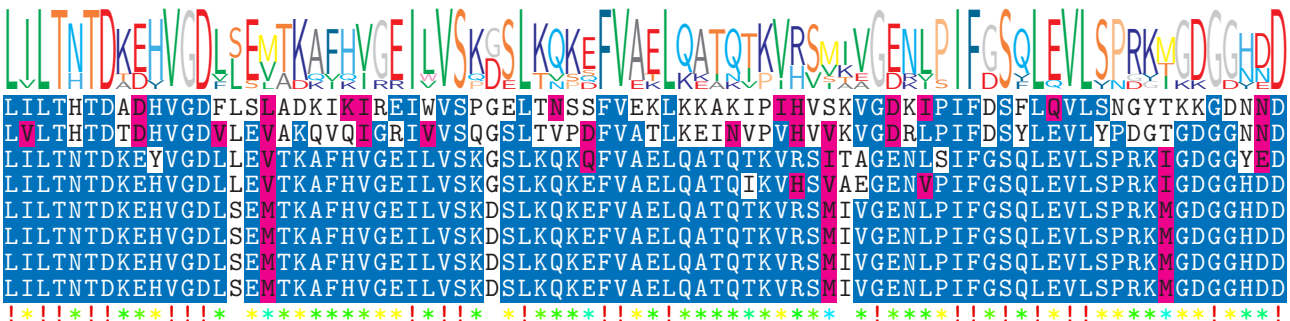
NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



541
551
552
552
552
552
552
552

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus

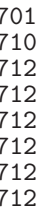


621
631
632
632
632
632
632
632

```

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus

```



```

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 180689 A6M16 RS06115 WP 044756286.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus

```



- X non conserved
- X similar
- X $\geq 50\%$ conserved