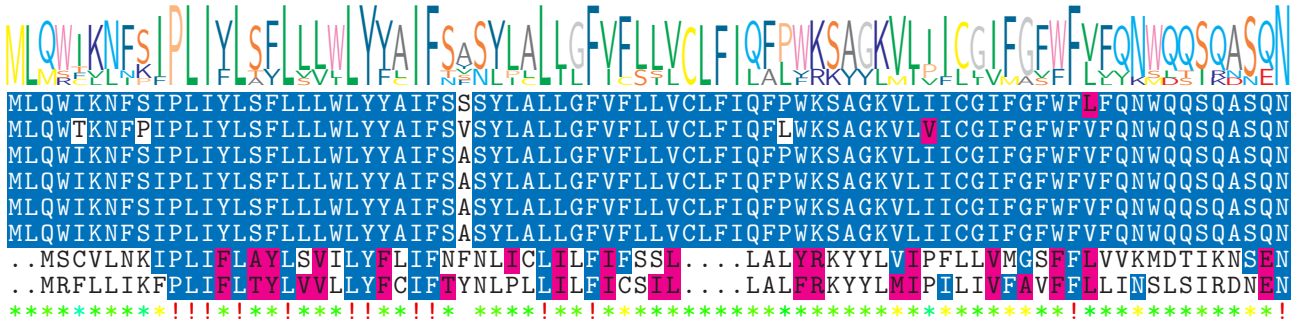


logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



80
80
80
80
80
80
80
74
74

logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



160
160
160
160
160
160
154
154

logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



240
240
240
240
240
240
230
230

logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



320
320
320
320
320
320
307
307

```
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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus
```



397
397
397
397
397
397
387
387

```
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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus
```



477
477
477
477
477
477
467
467

```

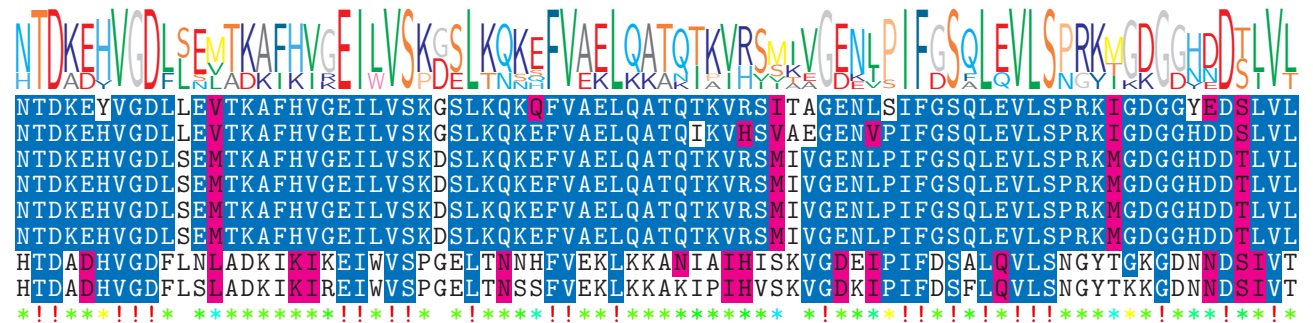
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus

```



556
556
556
556
556
556
545
545

```
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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus
```



636
636
636
636
636
636
625
625

logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



716
716
716
716
716
716
705
705

logo

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
NTDB id 1013036 ABQ274 RS00220 WP 353727314.1
NTDB id 596 KW2 RS08720 WP 021037686.1
consensus



746
746
746
746
746
746
736
736

X non conserved
X similar
X ≥ 50% conserved