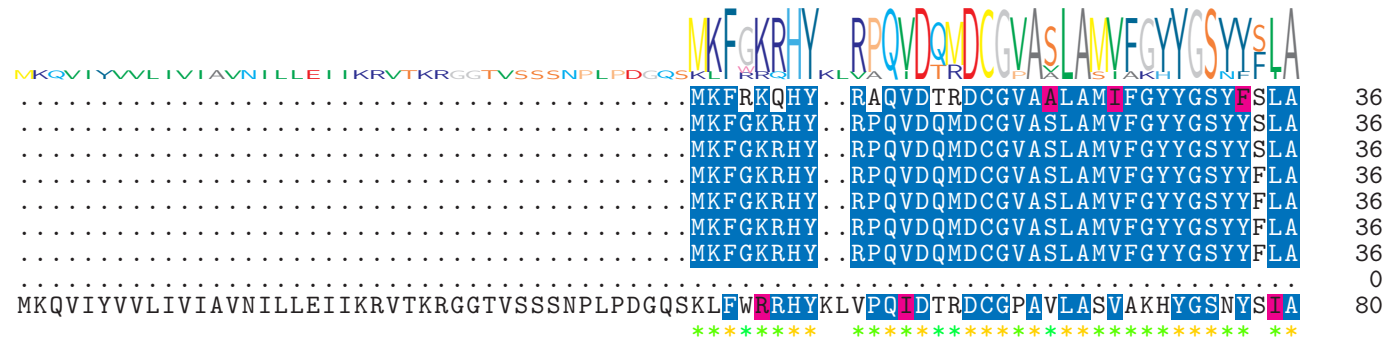


```
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



```

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
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NTDB id 358 SMU RS01425 WP 002263523.1
consensus

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consensus

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NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



356
356
356
356
356
356
356
197
400

logo

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NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus

```



436
436
436
436
436
436
436
277
480

logo

```

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus

```



516
516
516
516
516
516
516
357
560

logo

```

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus

```



596
596
596
596
596
596
596
437
640

logo

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



675
675
675
675
675
675
675
516
719

logo

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 109030 ACAM21 RS02845 WP 196299874.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



717
717
717
717
717
717
717
558
760

☐ non conserved
☒ similar
☒ ≥50% conserved