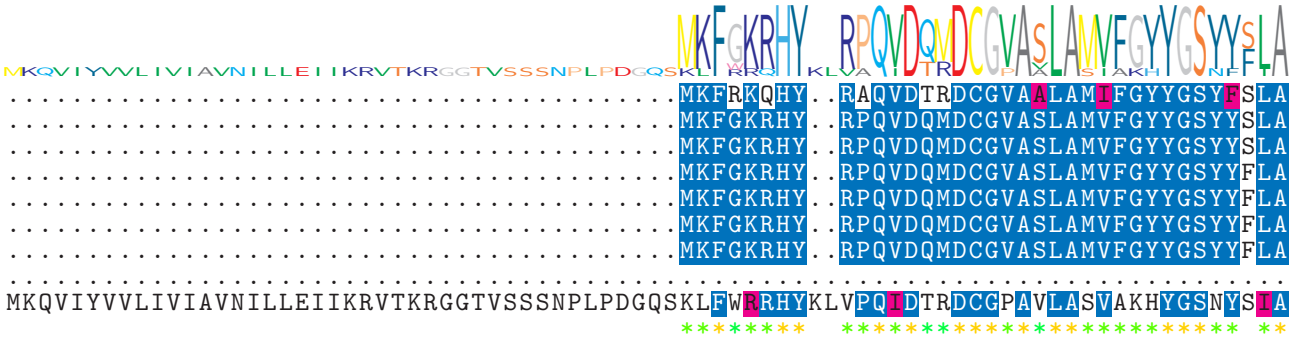


logo

NTDB id 421 SGO RS10260 WP 012131060.1  
NTDB id 483 SM12261 RS00275 WP 000668315.1  
NTDB id 511 SMSK321 RS10730 WP 000668322.1  
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 58226 SPN034183 RS13415 WP 167750760.1  
NTDB id 358 SMU RS01425 WP 002263523.1  
consensus



36  
36  
36  
36  
36  
36  
36  
36  
0  
80

logo

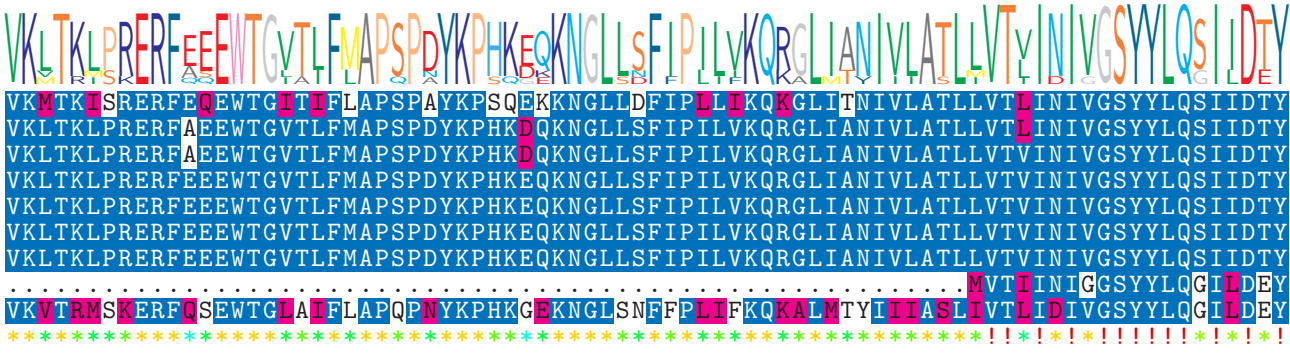
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NTDB id 247 KZH43 RS00220 WP 000668290.1  
NTDB id 206 SPD RS00235 WP 000668290.1  
NTDB id 171 SPR RS00230 WP 000668290.1  
NTDB id 131 SP RS00255 WP 000668284.1  
NTDB id 58226 SPN034183 RS13415 WP 167750760.1  
NTDB id 358 SMU RS01425 WP 002263523.1  
consensus



116  
116  
116  
116  
116  
116  
116  
116  
0  
160

logo

NTDB id 421 SGO RS10260 WP 012131060.1  
NTDB id 483 SM12261 RS00275 WP 000668315.1  
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NTDB id 247 KZH43 RS00220 WP 000668290.1  
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NTDB id 171 SPR RS00230 WP 000668290.1  
NTDB id 131 SP RS00255 WP 000668284.1  
NTDB id 58226 SPN034183 RS13415 WP 167750760.1  
NTDB id 358 SMU RS01425 WP 002263523.1  
consensus



196  
196  
196  
196  
196  
196  
196  
196  
20  
240

logo

NTDB id 421 SGO RS10260 WP 012131060.1  
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NTDB id 171 SPR RS00230 WP 000668290.1  
NTDB id 131 SP RS00255 WP 000668284.1  
NTDB id 58226 SPN034183 RS13415 WP 167750760.1  
NTDB id 358 SMU RS01425 WP 002263523.1  
consensus



276  
276  
276  
276  
276  
276  
276  
276  
100  
320

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NTDB id 483 SM12261 RS00275 WP 000668315.1
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NTDB id 247 KZH43 RS00220 WP 000668290.1
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NTDB id 171 SPR RS00230 WP 000668290.1
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NTDB id 58226 SPN034183 RS13415 WP 167750760.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



356  
356  
356  
356  
356  
356  
356  
180  
400

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consensus

```



434  
434  
434  
434  
434  
434  
434  
241  
478

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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 58226 SPN034183 RS13415 WP 167750760.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



514  
514  
514  
514  
514  
514  
514  
241  
558

```
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
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 58226 SPN034183 RS13415 WP 167750760.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



594  
594  
594  
594  
594  
594  
594  
241  
638

logo

```

NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
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NTDB id 206 SPD RS00235 WP 000668290.1
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NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 58226 SPN034183 RS13415 WP 167750760.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus

```

logo

```

NTDB id 421 SGO RS10260 WP 012131060.1
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NTDB id 58226 SPN034183 RS13415 WP 167750760.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus

```



- ☐ non conserved
- ☒ similar
- ☒  $\geq 50\%$  conserved