

logo

```

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus

```

[illegible]

logo

```

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus

```

[illegible]

logo

```
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus
```

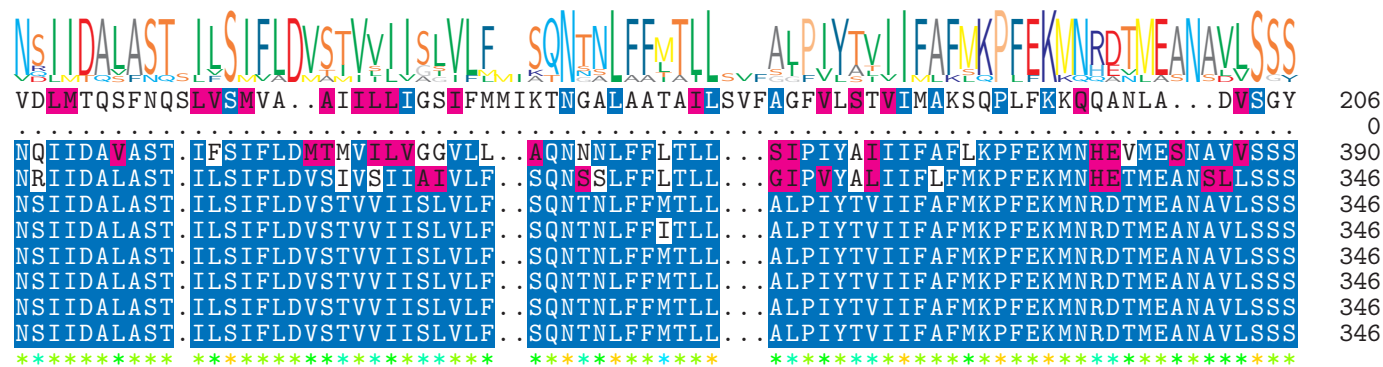
VKLTKLPRERFEEEWTVTLFMASPDYKPKHKEQKNGLLSFIPLVVKQRGLIANIVLATLLVTYNIVGSYYLQSLIDTY
MENKKKSLISQMAPPYLKGYSKALFCLAVITIVSSSTITVIGPDRLEMTDTM

VKVTRMSKERFQSEWGTIAIFLAQPNNYPKHGEEKNGLSNFFFLIFKQKALMTYTTIIASLIIVTLIDIVGSYYLQGILDEY
VKMTKISRERFEQEWTGITIFLAPSPAYKPSEQEKNGLLDIFIPLLIKQKGLITINIVLATLLVTLINIVGSYYLQSIIDTY
VKLTCLKPRERFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY
VKLTCLKPRERFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTLINIVGSYYLQSIIDTY
VKLTCLKPRERFEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY
VKLTCLKPRERFEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY
VKLTCLKPRERFEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY
VKLTCLKPRERFEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY

```

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus

```



```

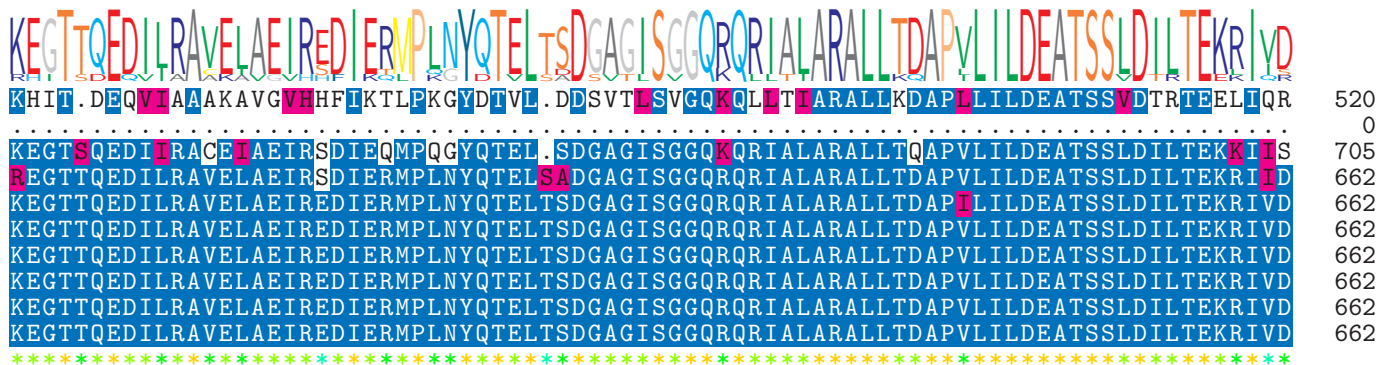
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus

```

```
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus
```



```
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 214741 BWQ98 RS11765 WP 306420852.1
NTDB id 358 SMU RS01425 WP 002263523.1
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 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus
```



logo

NTDB id 370	SMU RS04260 WP 002263294.1	AMDHLMEGR	TSFVIAHRLS	TIRNADLILV	MRDGN	ITIEQGS	SHDQLMAE	NGFYADLYNS	QFTEEVA	584
NTDB id 214741	BWQ98 RS11765 WP 306420852.1	..MS	LTDKTILFVAHRLS	IAERTNRVIV	LDQGGKI	IEVGS	SHQELMQA	GFYHHLFNK		54
NTDB id 358	SMU RS01425 WP 002263523.1	NLLQ	MTKTIIFVAHRLS	ISQRTDEVIV	MDQGGKIVE	GTHKELLAKQ	GFYYNLFN		760	
NTDB id 421	SGO RS10260 WP 012131060.1	NLMV	L.DKTIIFIAHRLTIA	ERSEQVVVDQ	GRIVE	SGSHKELIER	EGFYHHLVNS		717	
NTDB id 511	SMK321 RS10730 WP 000668322.1	NLMA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGK	HADLLAQGGFYA	HLVNS		717	
NTDB id 483	SM12261 RS00275 WP 000668315.1	NLMA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGN	HADLLAQGGFYA	HLVNS		717	
NTDB id 131	SP RS00255 WP 000668284.1	NLIA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGK	HADLLAQGGFYA	HLVNS		717	
NTDB id 247	KZH43 RS00220 WP 000668290.1	NLIA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGK	HADLLAQGGFYA	HLVNS		717	
NTDB id 206	SPD RS00235 WP 000668290.1	NLIA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGK	HADLLAQGGFYA	HLVNS		717	
NTDB id 171	SPR RS00230 WP 000668290.1	NLIA	L.DKTLIFIAHRLTIA	ERTEKVVVLD	QGGKIVEEGK	HADLLAQGGFYA	HLVNS		717	
consensus		****	* ** ! **** ! ! ! ! *	***** ** ! ** ! * ! * ! * ! * ! *	***** ** ! ** ! * ! * ! * ! * ! *	***** ** ! ** ! * ! * ! * ! * ! *	***** ** ! ** ! * ! * ! * ! * ! *	***** ** ! ** ! * ! * ! * ! * ! *		

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