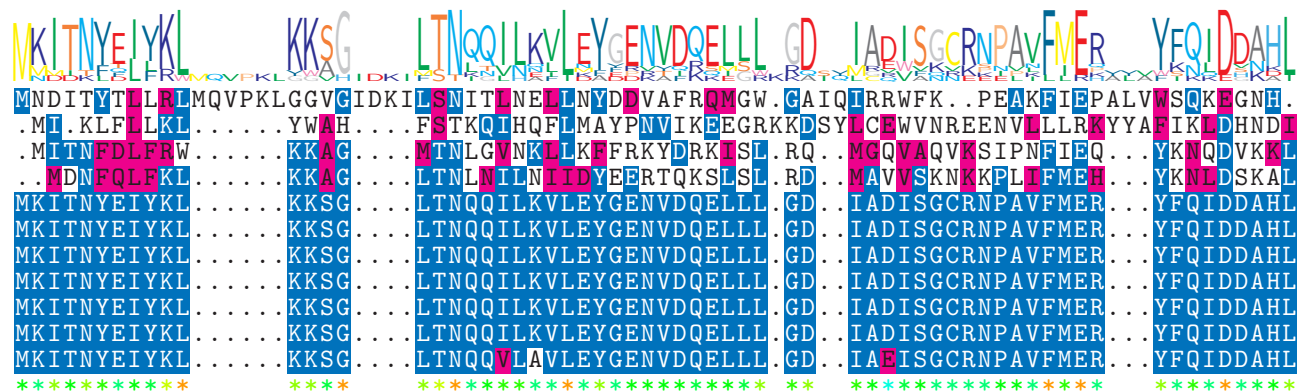


logo

```

NTDB id 1361 HI 0985 AAC22646.1
NTDB id 25 SA RS06185 WP 000593194.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 407 SMU RS04605 WP 002262865.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 37215 SPN032672 RS01140 WP 000705306.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
consensus

```



76
68
63
62
64
64
64
64
64
64
64

logo

```
NTDB id 1361 HI 0985 AAC22646.1
NTDB id 25 SA RS06185 WP 000593194.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 407 SMU RS04605 WP 002262865.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 37215 SPN032672 RS01140 WP 000705306.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
consensus
```



145
148
139
138
140
140
140
140
140
140
140

logo

```

NTDB id 1361 HI 0985 AAC22646.1
NTDB id 25 SA RS06185 WP 000593194.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 407 SMU RS04605 WP 002262865.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 37215 SPN032672 RS01140 WP 000705306.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
consensus

```



225
227
218
217
219
219
219
219
219
219

logo

NTDB id 1361 HI 0985 AAC22646.1	L VVEATEKSGSLITARYALEQNRVFVAVPGNIQNKSQQGCHRLIKQGAMLVENAKDILETLYQHSHSQTEIDFDQI AVP	305
NTDB id 25 SA RS06185 WP 000593194.1	LITEAKEEQSGSHITIDFALEGNRNVVYVLPGSMFNPMTKGNLLRIQE GAKVVLNANDIFEDYYI.....	290
NTDB id 599 KW2 RS05940 WP 021037268.1	VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLIN.....	282
NTDB id 407 SMU RS04605 WP 002262865.1	MVAEAKIRSGSLITCERAMEEGRDVFPVPNGILDQSSEGCHHHLIQEGAKCITSGFDILNEFNF.....	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 37215 SPN032672 RS01140 WP 000705306.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 157 SP RS06205 WP 000705306.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	I VA EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....	282
consensus	* * * ! ! * * * ! ! ! * ! ! * * * ! * ! * * ! * * * * * ! ! * * * * * * * ! * * * * ! * * ! ! * * * * * ! * * * * * *	

logo

NTDB id 1361 HI 0985 AAC22646.1	NYTPPPDPRLVEAPSHPKLYSRIGYTPVSIDDLAEFNLSDVDVLLVQLLDLELQDLIISENGLYKRV	373
NTDB id 25 SA RS06185 WP 000593194.1	.....	290
NTDB id 599 KW2 RS05940 WP 021037268.1	.....	282
NTDB id 407 SMU RS04605 WP 002262865.1	.....	280
NTDB id 525 SMSK321 RS06295 WP 000705298.1	.....	282
NTDB id 37215 SPN032672 RS01140 WP 000705306.1	.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	.....	282
NTDB id 157 SP RS06205 WP 000705306.1	.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	.....	282
consensus		

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