

```
NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1466 ASU2 RS09750 WP 015674213.1
NTDB id 108609 A9F00 RS13260 WP 010948297.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1445 BW25113 RS17035 WP 000228551.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
consensus
```



72
71
70
72
72
69
75
73

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NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1466 ASU2 RS09750 WP 015674213.1
NTDB id 108609 A9F00 RS13260 WP 010948297.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1445 BW25113 RS17035 WP 000228551.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
consensus

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151
150
149
152
152
148
155
153

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NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1466 ASU2 RS09750 WP 015674213.1
NTDB id 108609 A9F00 RS13260 WP 010948297.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1445 BW25113 RS17035 WP 000228551.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
consensus
```

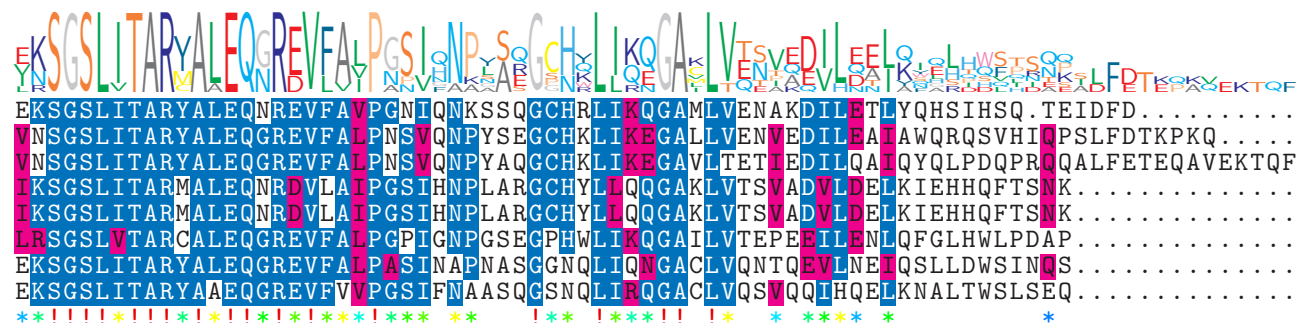


231
230
229
231
231
228
234
232

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NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1466 ASU2 RS09750 WP 015674213.1
NTDB id 108609 A9F00 RS13260 WP 010948297.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1445 BW25113 RS17035 WP 000228551.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
consensus

```



300
305
309
297
297
294
300
298

NTDB id	1361	HI	O985	AAC22646.1	..QI	AVPNYTPPPDP	RRLVEAPSHPKLYSRIGYTPV	SIDDLAE	EFLNSVDVLLVQLLDLLELQDL	IISENG	GLYKRV.....	373				
NTDB id	1388	A4U84	RS04945	WP 062924099.1	.....	AVKSEPKFAKNLP	ELTACQQQLFEQISLEPI	SVDDLA	KATMDMAVETALIELLNLELLGVVKQVRGGYVIT.....			375				
NTDB id	1466	ASU2	RS09750	WP 015674213.1		FAKANMPNKNVNHFAKKLP	EMTACQQQIVHEIGLNPIS	SIDDLAKATALEVETLV	LLELGLELLSVIKQVS	GGYVRQ.....		384				
NTDB id	108609	A9F00	RS13260	WP 010948297.1	.....	PISFLASG.....	KENLVKF	IGFETTIDQIIDRSGYGMEQVTSG	LAELELKGAVM	AVPGGYIRCEYER.		361				
NTDB id	1250	GC085	RS13065	WP 027219989.1	.....	PIFSLASG.....	KENLVKF	IGFETTIDQIIDRSGYGMEQVTSG	LAELELKGAVI	AVPGGYIRCEYER.		361				
NTDB id	1445	BW25113	RS17035	WP 000228551.1	.....	ENSFYSPDQQ	DVALPFPELLANVGDEVTPDV	VVAERAGQPVP	EVVTQLLELELAGWI	AAVPGGYVRLRRACH		366				
NTDB id	1399	DSB67	RS15600	WP 010645755.1	.....	L....DLFSAPID	EEELPFPQLLANVGNEATPV	DIASRTNIPVQE	VMMQLLELELGHVV	AVSGGYIRKGRG..		369				
NTDB id	1152	A1552VC	RS00200	WP 000654772.1	.....	VPYQATLFSAVQS	DEELPFPPELLANVGIEATPIDI	LASRTQIPVQD	IMMLLELELGHVV	AVPGGYIRKGRG..		371				
consensus						**	*	***	**	*****	!****	*****	!****	*****	!****	*****

NTDB id	1361	HI	0985	AAC22646.1	.....	373
NTDB id	1388	A4U84	RS04945	WP 062924099.1	.....	375
NTDB id	1466	ASU2	RS09750	WP 015674213.1	.....	384
NTDB id	108609	A9F00	RS13260	WP 010948297.1	.....	361
NTDB id	1250	GC085	RS13065	WP 027219989.1	.....	361
NTDB id	1445	BW25113	RS17035	WP 000228551.1	VRRTNVFV	374
NTDB id	1399	DSB67	RS15600	WP 010645755.1	.....	369
NTDB id	1152	A1552VC	RS00200	WP 000654772.1	.....	371
consensus						

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