

logo

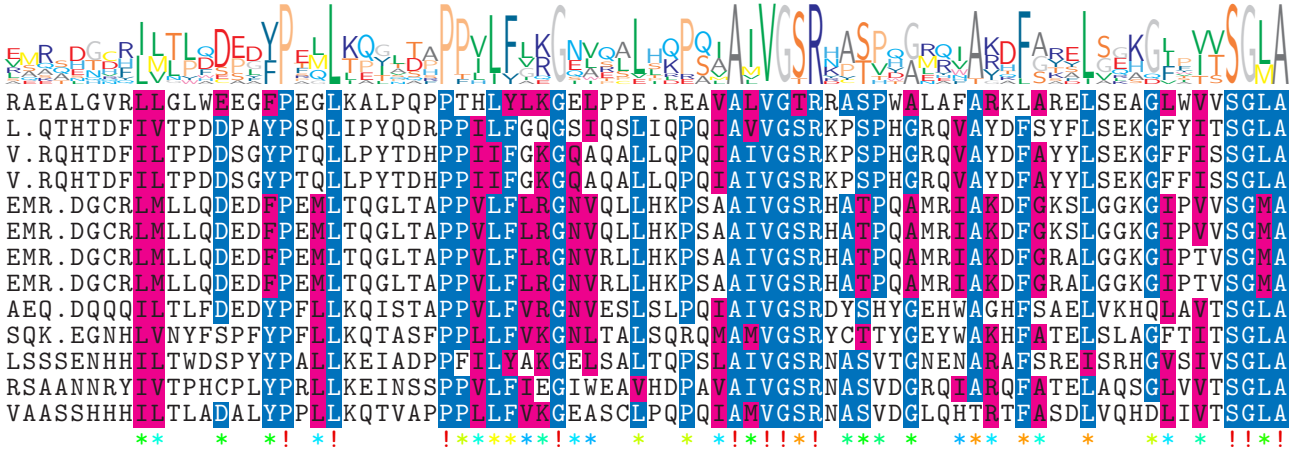
NTDB id	1037	TT	RS09535	WP	011174226.1
NTDB id	1021	ACIAD	RS00975	WP	004930462.1
NTDB id	1043	HON27	RS16615	WP	168727007.1
NTDB id	1073	ABD1	RS00865	WP	015451369.1
NTDB id	1089	NMB	RS00600	WP	002224767.1
NTDB id	1094	KZH42	RS01320	WP	002224767.1
NTDB id	1120	NGFG	RS10355	WP	020997408.1
NTDB id	1122	OK783	RS09595	WP	003705341.1
NTDB id	1388	A4U84	RS04945	WP	062924099.1
NTDB id	1361	HI	0985	AAC22646.1	
NTDB id	1250	GC085	RS13065	WP	027219989.1
NTDB id	1152	A1552VC	RS00200	WP	000654772.1
NTDB id	1399	DSB67	RS15600	WP	010645755.1
consensus					



53
79
79
79
76
76
76
76
68
69
69
70
72

logo

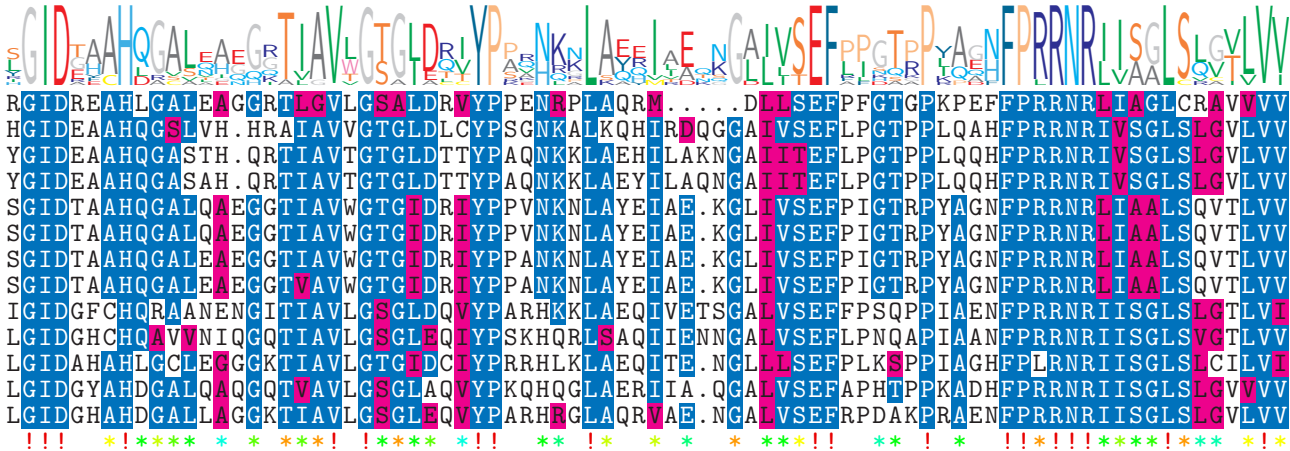
NTDB id	1037	TT	RS09535	WP	011174226.1
NTDB id	1021	ACIAD	RS00975	WP	004930462.1
NTDB id	1043	HON27	RS16615	WP	168727007.1
NTDB id	1073	ABD1	RS00865	WP	015451369.1
NTDB id	1089	NMB	RS00600	WP	002224767.1
NTDB id	1094	KZH42	RS01320	WP	002224767.1
NTDB id	1120	NGFG	RS10355	WP	020997408.1
NTDB id	1122	OK783	RS09595	WP	003705341.1
NTDB id	1388	A4U84	RS04945	WP	062924099.1
NTDB id	1361	HI	0985	AAC22646.1	
NTDB id	1250	GC085	RS13065	WP	027219989.1
NTDB id	1152	A1552VC	RS00200	WP	000654772.1
NTDB id	1399	DSB67	RS15600	WP	010645755.1
consensus					



132
158
158
158
155
155
155
155
147
148
149
150
152

logo

NTDB id	1037	TT	RS09535	WP	011174226.1
NTDB id	1021	ACIAD	RS00975	WP	004930462.1
NTDB id	1043	HON27	RS16615	WP	168727007.1
NTDB id	1073	ABD1	RS00865	WP	015451369.1
NTDB id	1089	NMB	RS00600	WP	002224767.1
NTDB id	1094	KZH42	RS01320	WP	002224767.1
NTDB id	1120	NGFG	RS10355	WP	020997408.1
NTDB id	1122	OK783	RS09595	WP	003705341.1
NTDB id	1388	A4U84	RS04945	WP	062924099.1
NTDB id	1361	HI	0985	AAC22646.1	
NTDB id	1250	GC085	RS13065	WP	027219989.1
NTDB id	1152	A1552VC	RS00200	WP	000654772.1
NTDB id	1399	DSB67	RS15600	WP	010645755.1
consensus					

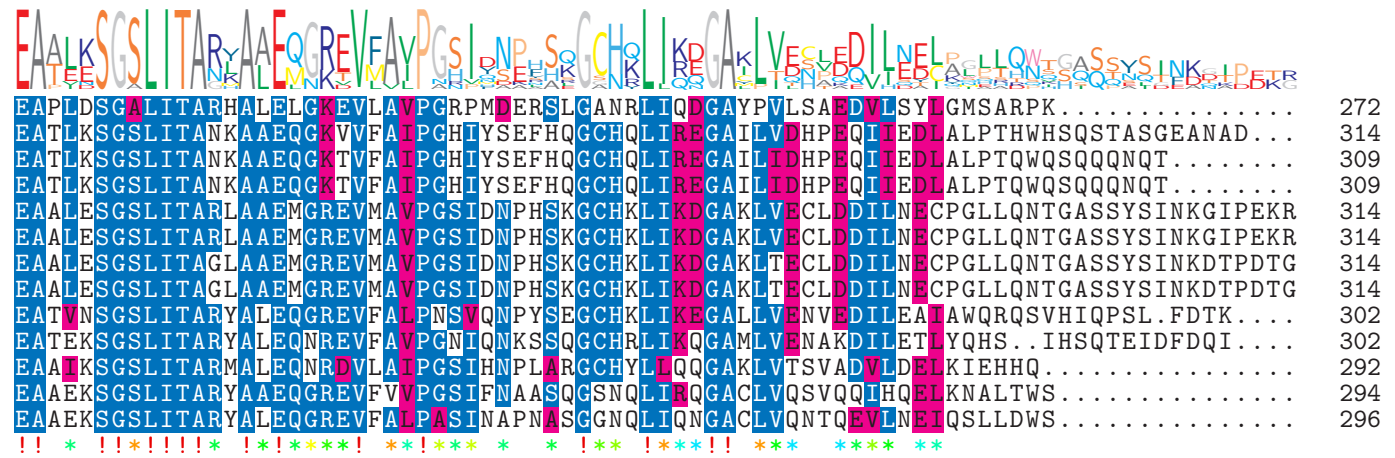


207
237
237
237
234
234
234
234
227
228
229
231

```

NTDB id 1037 TT RS09535 WP 011174226.1
NTDB id 1021 ACIAD RS00975 WP 004930462.1
NTDB id 1043 HON27 RS16615 WP 168727007.1
NTDB id 1073 ABD1 RS00865 WP 015451369.1
NTDB id 1089 NMB RS00600 WP 002224767.1
NTDB id 1094 KZH42 RS01320 WP 002224767.1
NTDB id 1120 NGFG RS10355 WP 020997408.1
NTDB id 1122 OK783 RS09595 WP 003705341.1
NTDB id 1388 A4U84 RS00945 WP 062924099.1
NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
consensus

```



```

NTDB id 1037 TT RS09535 WP 011174226.1
NTDB id 1021 ACIAD RS00975 WP 004930462.1
NTDB id 1043 HON27 RS16615 WP 168727007.1
NTDB id 1073 ABD1 RS00865 WP 015451369.1
NTDB id 1089 NMB RS00600 WP 002224767.1
NTDB id 1094 KZH42 RS01320 WP 002224767.1
NTDB id 1120 NGFG RS10355 WP 020997408.1
NTDB id 1122 OK783 RS09595 WP 003705341.1
NTDB id 1388 A4U84 RS04945 WP 062924099.1
NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
consensus

```



```

NTDB id 1037 TT RS09535 WP 011174226.1
NTDB id 1021 ACIAD RS00975 WP 004930462.1
NTDB id 1043 HON27 RS16615 WP 168727007.1
NTDB id 1073 ABD1 RS00865 WP 015451369.1
NTDB id 1089 NMB RS00600 WP 002224767.1
NTDB id 1094 KZH42 RS01320 WP 002224767.1
NTDB id 1120 NGFG RS10355 WP 020997408.1
NTDB id 1122 OK783 RS09595 WP 003705341.1
NTDB id 1388 AAU84 RS04945 WP 062924099.1
NTDB id 1361 HI 0985 AAC22646.1
NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 1152 A1552VC RS00200 WP 000654772.1
NTDB id 1399 DSB67 RS15600 WP 010645755.1
consensus

```



 non conserved
 similar
 $\geq 50\%$ conserved