

logo

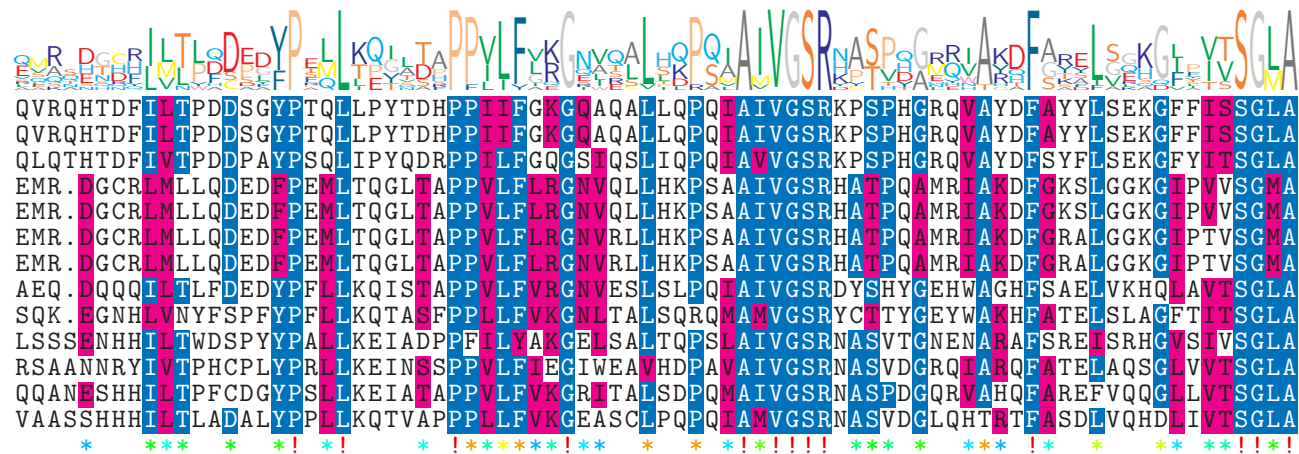
NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 WP 002224767.1  
 NTDB id 1120 NGFG RS10355 WP 020997408.1  
 NTDB id 1122 OK783 RS09595 WP 003705341.1  
 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus



78  
78  
78  
76  
76  
76  
76  
76  
68  
69  
69  
70  
70  
72

logo

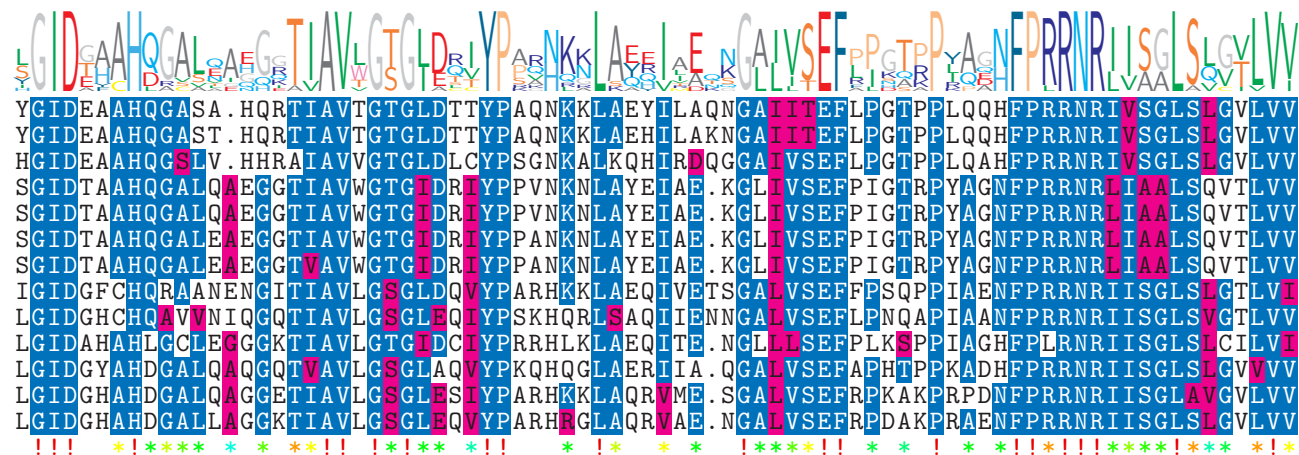
NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 WP 002224767.1  
 NTDB id 1120 NGFG RS10355 WP 020997408.1  
 NTDB id 1122 OK783 RS09595 WP 003705341.1  
 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus



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

logo

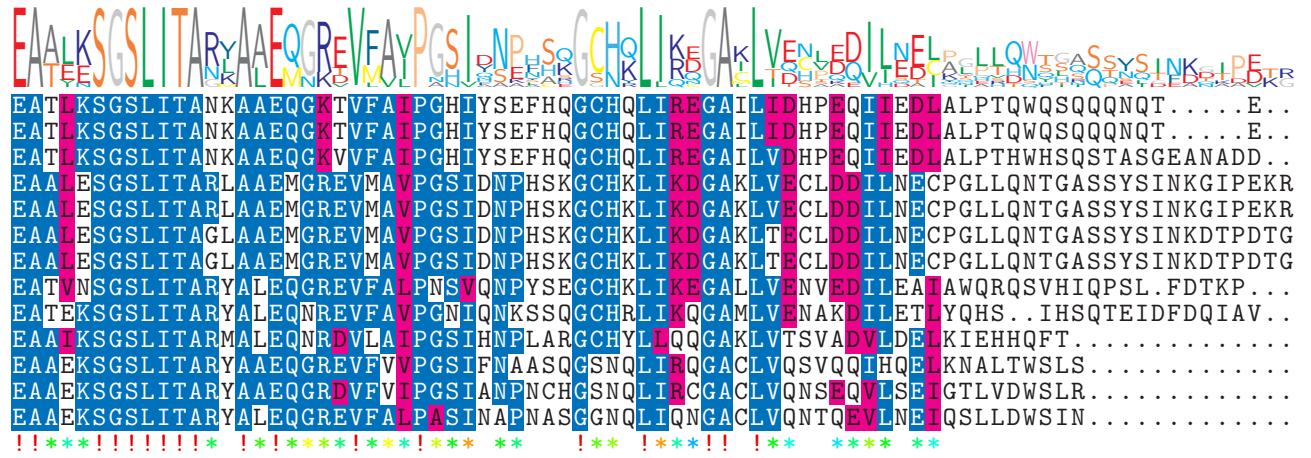
NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 WP 002224767.1  
 NTDB id 1120 NGFG RS10355 WP 020997408.1  
 NTDB id 1122 OK783 RS09595 WP 003705341.1  
 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus



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

logo

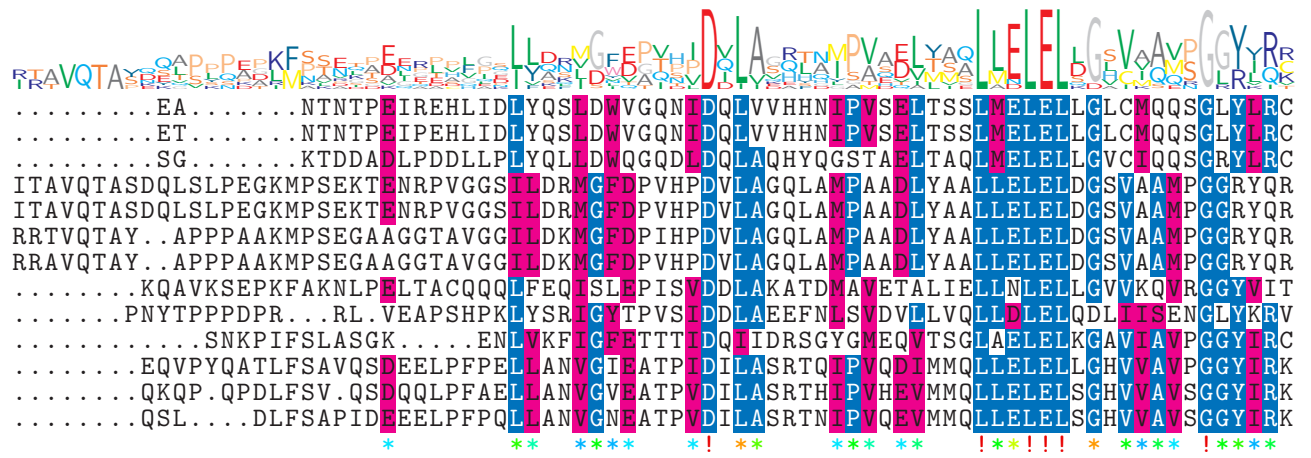
NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 WP 002224767.1  
 NTDB id 1120 NGFG RS10355 WP 020997408.1  
 NTDB id 1122 OK783 RS09595 WP 003705341.1  
 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus



310  
310  
315  
314  
314  
314  
314  
303  
304  
294  
296  
296  
298

logo

NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus



374  
374  
379  
394  
394  
392  
392  
375  
373  
357  
368  
366  
366

logo

NTDB id 1073 ABD1 RS00865 WP 015451369.1  
 NTDB id 1043 HON27 RS16615 WP 168727007.1  
 NTDB id 1021 ACIAD RS00975 WP 004930462.1  
 NTDB id 1094 KZH42 RS01320 WP 002224767.1  
 NTDB id 1089 NMB RS00600 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 61350 N175 RS00780 WP 017048702.1  
 NTDB id 1399 DSB67 RS15600 WP 010645755.1  
 consensus

IRT  
RST  
RST

RS.. 376  
 RS.. 376  
 RSPY 383  
 IRT. 397  
 IRT. 397  
 IRT. 395  
 IRT. 395  
 .... 375  
 .... 373  
 EYER 361  
 GRG. 371  
 GKG. 369  
 GRG. 369

 non conserved  
 similar  
  $\geq 50\%$  conserved