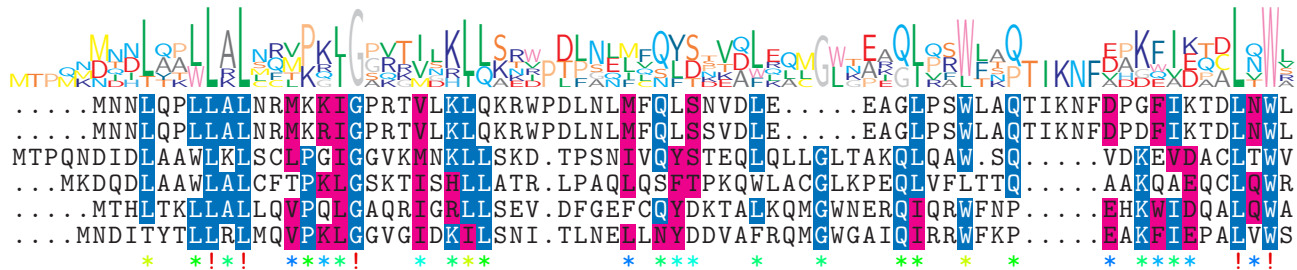


logo

NTDB id 1075103 ACJEEI RS12895 WP 010948297.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1361 HI 0985 AAC22646.1



70
70
73
71
69
70

consensus

* *!*! *!!! * *** * *** * * ** * *

logo

NTDB id 1075103 ACJEEI RS12895 WP 010948297.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1361 HI 0985 AAC22646.1



150
150
153
151
148
149

consensus

* **** * !!! !!! * !!!!!! *****!!!!!!***** ! ** ! ** *** ****!!**

logo

NTDB id 1075103 ACJEEI RS12895 WP 010948297.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1361 HI 0985 AAC22646.1



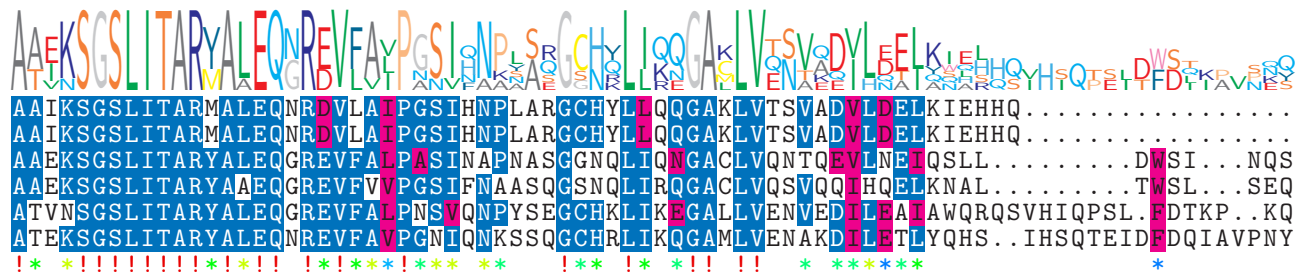
229
229
232
230
228
229

consensus

!!!!!! * * * ! !!!!!!!*!!!!!! * ! *!!!! * *!!!!!! * *!!!! !!!!!!!!!!!!!!!*!!!!!!

logo

NTDB id 1075103 ACJEEI RS12895 WP 010948297.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1361 HI 0985 AAC22646.1



292
292
300
298
305
307

consensus

!* *!!!!!!*!!!!!! !*!!!!*!!! * * !** !* *!! !! * ***** *

logo

NTDB id 1075103 ACJEEI RS12895 WP 010948297.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1361 HI 0985 AAC22646.1



361
361
369
371
375
373

consensus

**** *!* ** *!!!!!! ** ** * ** ** *!!!!!! * **** *!!!!!!

 non conserved
 similar
 $\geq 50\%$ conserved