

```
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 AAD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus
```



78
78
76
77
77
77
77

```
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus
```



145
145
156
138
138
138
138

```

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus

```



225
225
236
217
217
218
218

```
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 AAD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus
```



305
305
316
296
296
297
297

logo

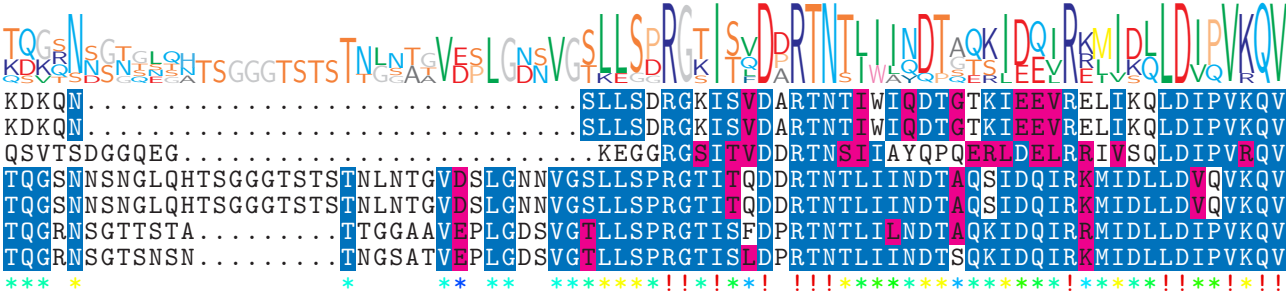
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus



385
385
396
376
376
377
377

logo

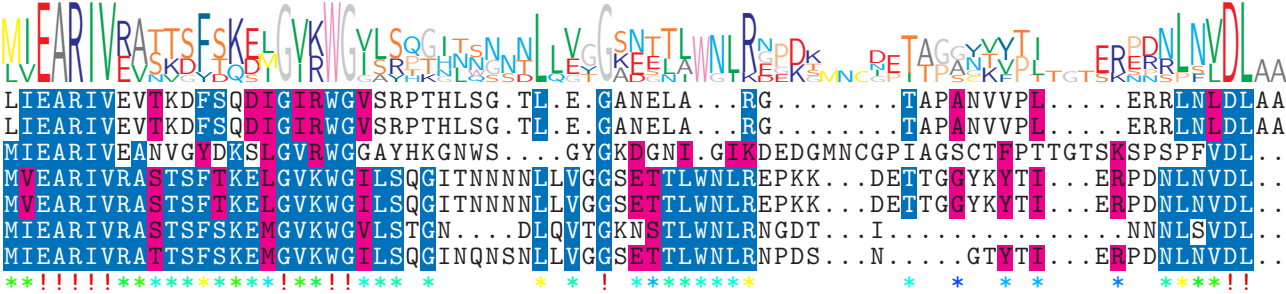
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus



434
434
450
456
456
448
448

logo

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus



495
495
523
528
528
504
515

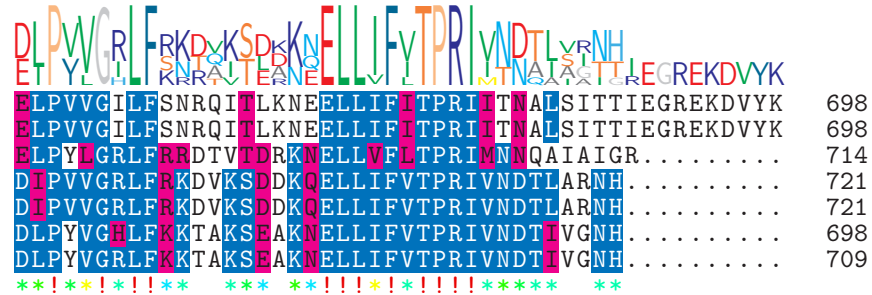
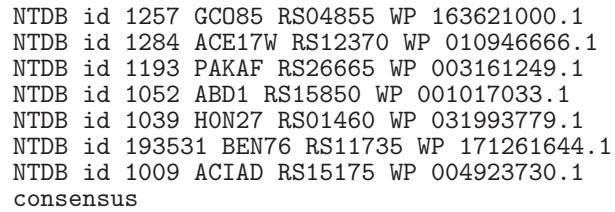
logo

NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus



571
571
595
604
604
581
592

```
NTDB id 1257 GC085 RS04855 WP 163621000.1
NTDB id 1284 ACE17W RS12370 WP 010946666.1
NTDB id 1193 PAKAF RS26665 WP 003161249.1
NTDB id 1052 ABD1 RS15850 WP 001017033.1
NTDB id 1039 HON27 RS01460 WP 031993779.1
NTDB id 193531 BEN76 RS11735 WP 171261644.1
NTDB id 1009 ACIAD RS15175 WP 004923730.1
consensus
```



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