

logo

| | | |
|--|--|----|
| NTDB id 1410 SGL RS13950 WP 010873519.1 | MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR | 0 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | ..... | 80 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAALR | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 303305 soil1367 RS11585 WP 136549248.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus | ..... | 0 |

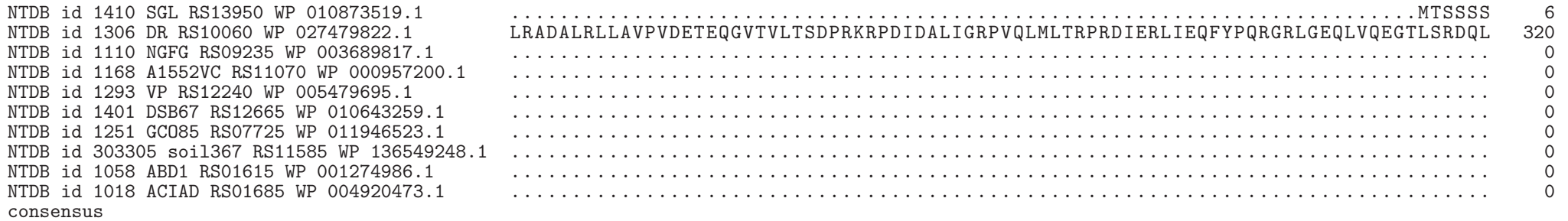
logo

| | | |
|--|---|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1 | SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGASDA | 0 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | ..... | 160 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | SIRPQTALNLQAFPPFALEGDRRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGASDA | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 303305 soil1367 RS11585 WP 136549248.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus | ..... | 0 |

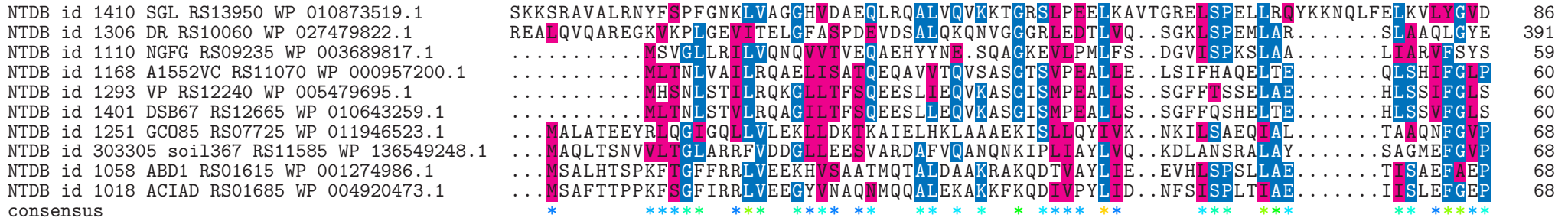
logo

| | | |
|--|--|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1 | GRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM | 0 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | ..... | 240 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | GRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVLGSM | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 303305 soil1367 RS11585 WP 136549248.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..... | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..... | 0 |
| consensus | ..... | 0 |

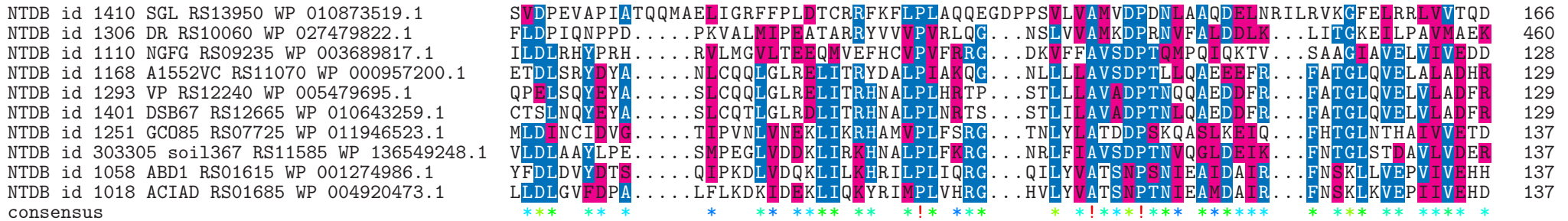
logo



logo

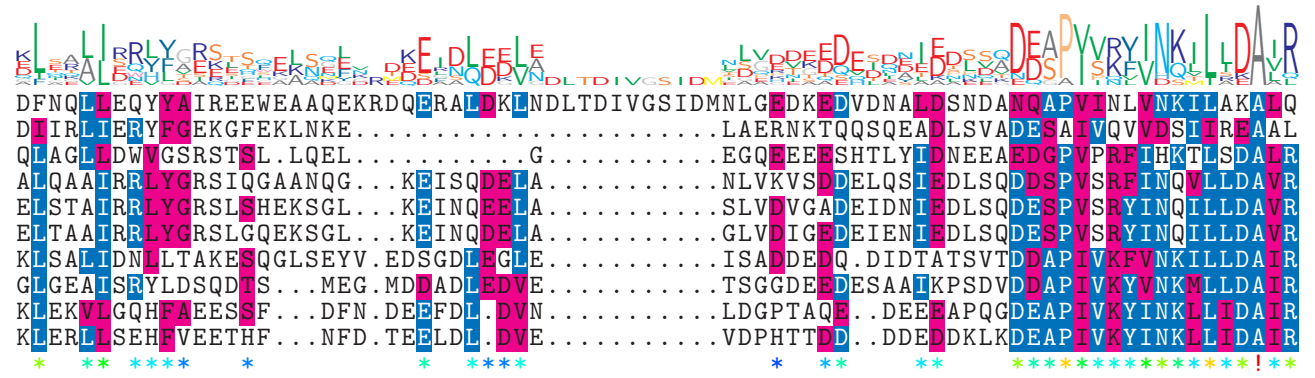


logo



logo

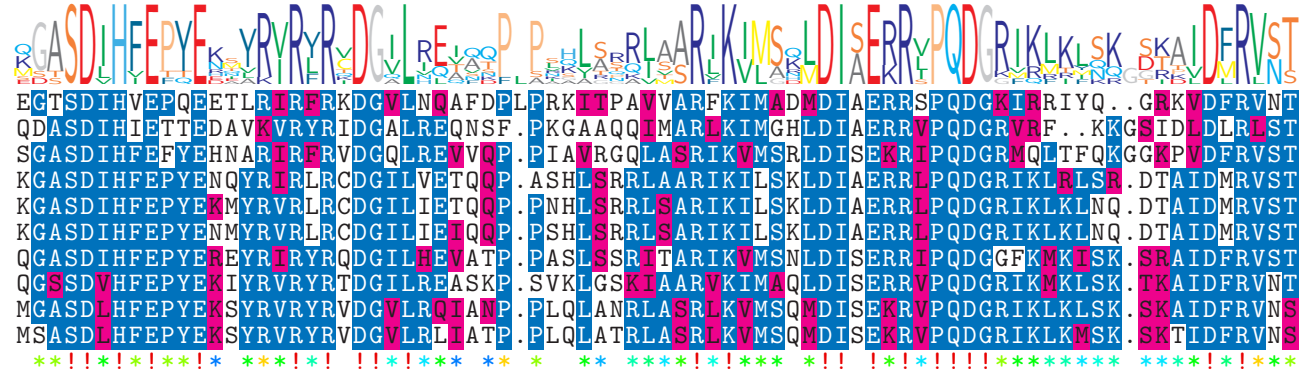
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



246
517
185
195
195
195
204
202
199
199

logo

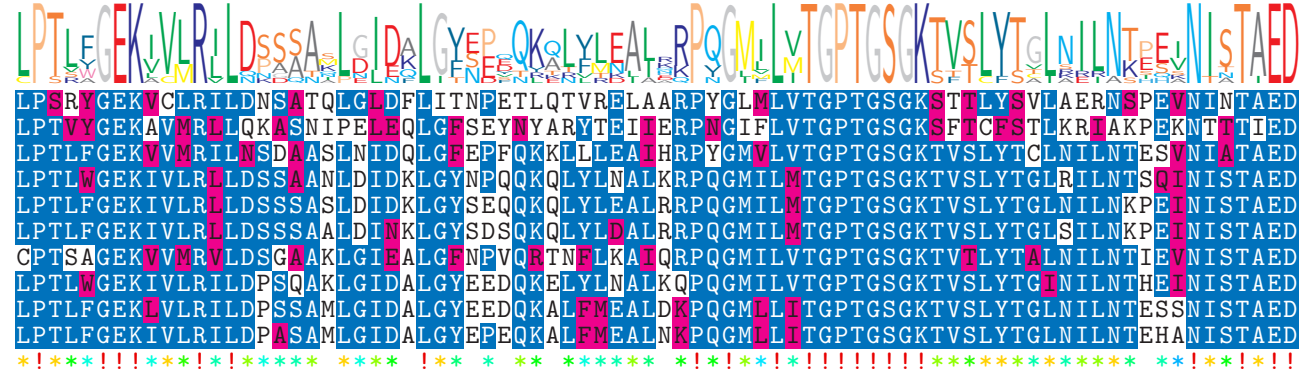
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



324
594
264
273
273
273
282
280
277
277

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



404
674
344
353
353
353
362
360
357
357

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



484
754
424
433
433
433
442
440
437
437

logo

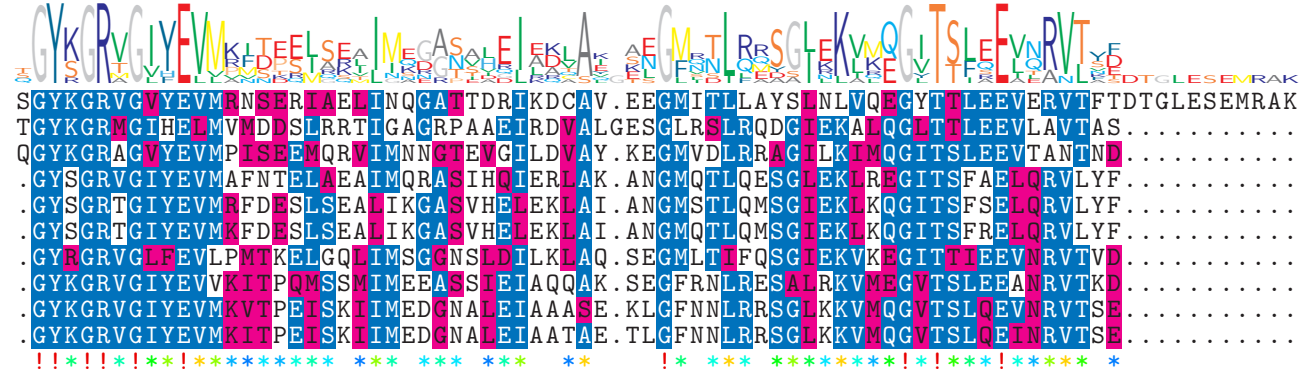
NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



563
818
490
495
494
494
507
504
503
503

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1306 DR RS10060 WP 027479822.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 303305 soil367 RS11585 WP 136549248.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



642
887
558
562
561
561
574
571
570
570

logo

| | | |
|---|--------------------------------|-----|
| NTDB id 1410 SGL RS13950 WP 010873519.1 | RKSALTCRTCAAELQQEWLDCPYCMTSRFS | 672 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | ..... | 887 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 558 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 562 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 561 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 561 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 574 |
| NTDB id 303305 soil367 RS11585 WP 136549248.1 | ..... | 571 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | ..... | 570 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | ..... | 570 |
| consensus | | |

- non conserved
- similar
- ≥ 50% conserved