

logo

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MSVLTI CDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTI EDRFGI PLVELHRVEI PPKVK
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS LAEVLVDMGLLSERRIAQTI EDRFGI PLVELHRVEI PPKVK 80
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 1110 NGFG RS09235 WP 003689817.1 ..... 0
NTDB id 1251 GCO85 RS07725 WP 011946523.1 ..... 0
NTDB id 1018 ACIAD RS01685 WP 004920473.1 ..... 0
NTDB id 88520 OCUAc17 RS17355 WP 005804145.1 ..... 0
NTDB id 1058 ABD1 RS01615 WP 001274986.1 ..... 0
consensus
```

logo

```
ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD TLSLEEVEDLTGLVVEPYQT TKS AFLYALAKHYPELGLPVPPPPSG
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLD TLSLEEVEDLTGLVVEPYQT TKS AFLYALAKHYPELGLPVPPPPSG 160
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 1110 NGFG RS09235 WP 003689817.1 ..... 0
NTDB id 1251 GCO85 RS07725 WP 011946523.1 ..... 0
NTDB id 1018 ACIAD RS01685 WP 004920473.1 ..... 0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1 ..... 0
consensus
```

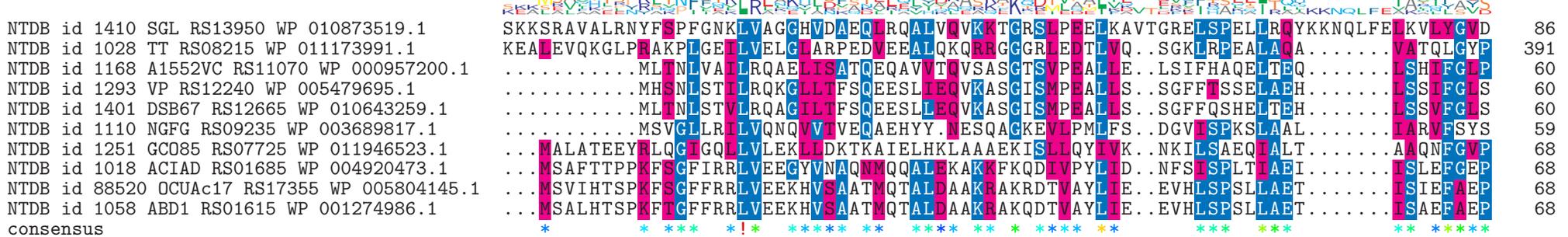
logo

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EGQKDLKLGELL LQKGWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL
NTDB id 1410 SGL RS13950 WP 010873519.1 ..... 0
NTDB id 1028 TT RS08215 WP 011173991.1 EGQKDLKLGELL LQKGWISREALEEALVEQEKTGDLLGRILVVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL 240
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 1110 NGFG RS09235 WP 003689817.1 ..... 0
NTDB id 1251 GCO85 RS07725 WP 011946523.1 ..... 0
NTDB id 1018 ACIAD RS01685 WP 004920473.1 ..... 0
NTDB id 88520 OCUAc17 RS17355 WP 005804145.1 ..... 0
NTDB id 1058 ABD1 RS01615 WP 001274986.1 ..... 0
consensus
```

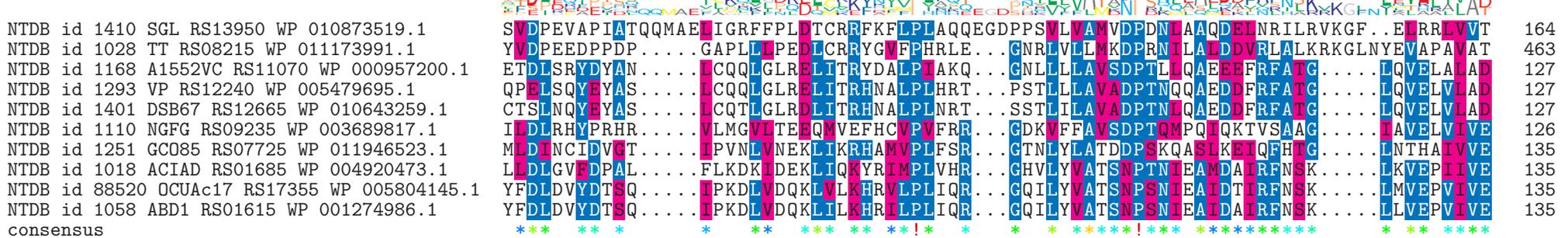
logo



logo

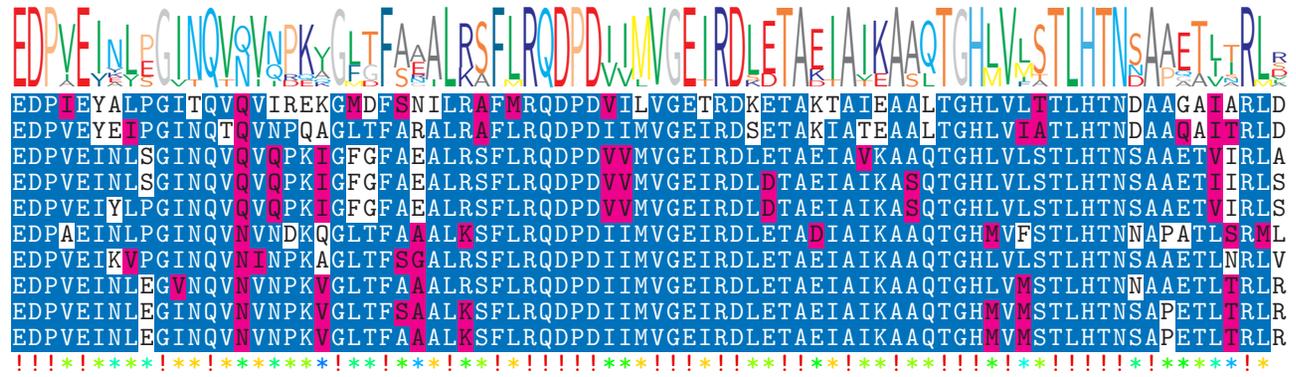


logo



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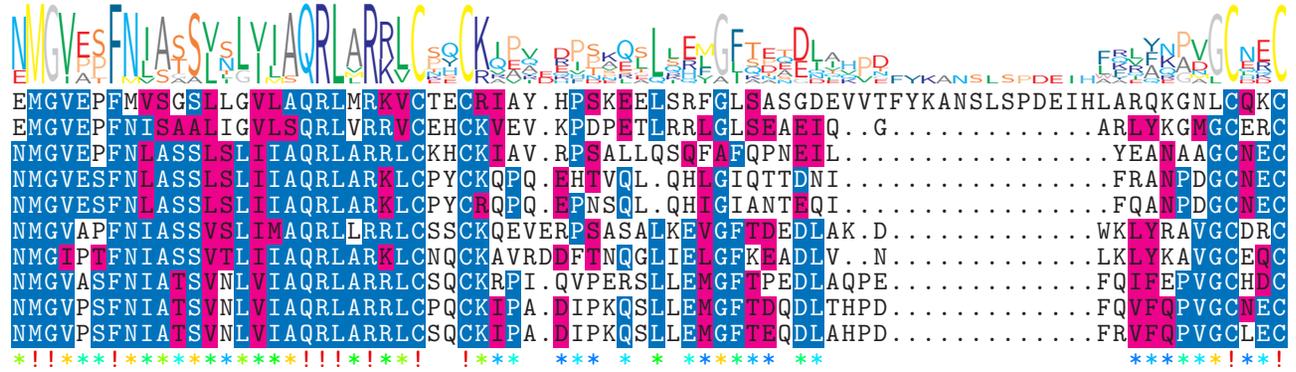
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 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 88520 OCUAc17 RS17355 WP 005804145.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



482
755
431
431
431
422
440
435
435
435

logo

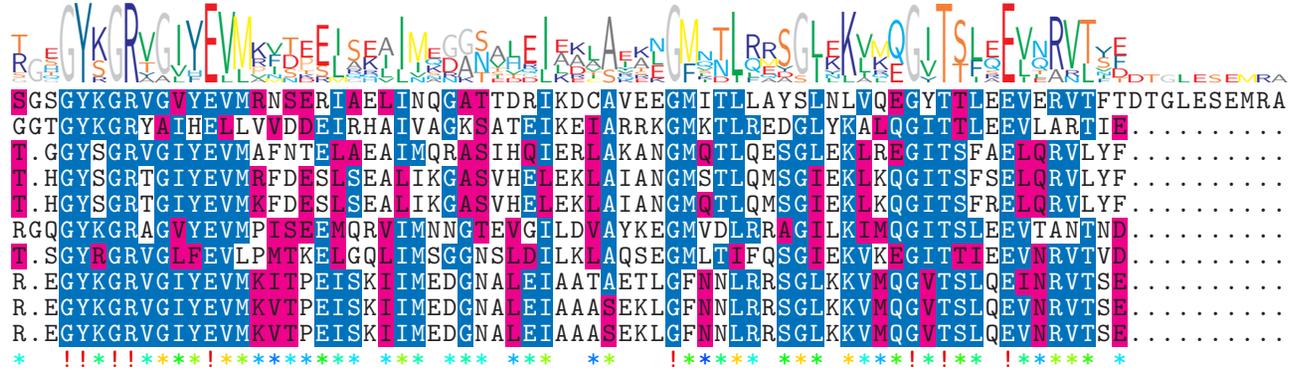
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 NTDB id 1110 NGFG RS09235 WP 003689817.1
 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 NTDB id 88520 OCUAc17 RS17355 WP 005804145.1
 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



561
819
493
492
492
488
505
501
501
501

logo

NTDB id 1410 SGL RS13950 WP 010873519.1
 NTDB id 1028 TT RS08215 WP 011173991.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1293 VP RS12240 WP 005479695.1
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 NTDB id 1251 GCO85 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
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 NTDB id 1058 ABD1 RS01615 WP 001274986.1
 consensus



641
889
562
561
561
558
574
570
570
570

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
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 1110 NGFG RS09235 WP 003689817.1	.....	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	570
NTDB id 88520 OCUAc17 RS17355 WP 005804145.1	.....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.....	570
consensus		

 non conserved
 similar
 ≥ 50% conserved