

logo

|                |                                |      |    |
|----------------|--------------------------------|------|----|
| NTDB id 1029   | TT RS02230 WP 011228203.1      | MAKK | 65 |
| NTDB id 1169   | A1552VC RS11075 WP 000648511.1 | MAKK | 68 |
| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | MAKK | 67 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | MAKK | 70 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | MAKK | 70 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | MAKK | 67 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | MAKK | 66 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | MAKK | 69 |
| NTDB id 230088 | AB987 RS05765 WP 000279218.1   | MAKK | 69 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | MAKK | 69 |
| consensus      |                                | MAKK |    |

logo

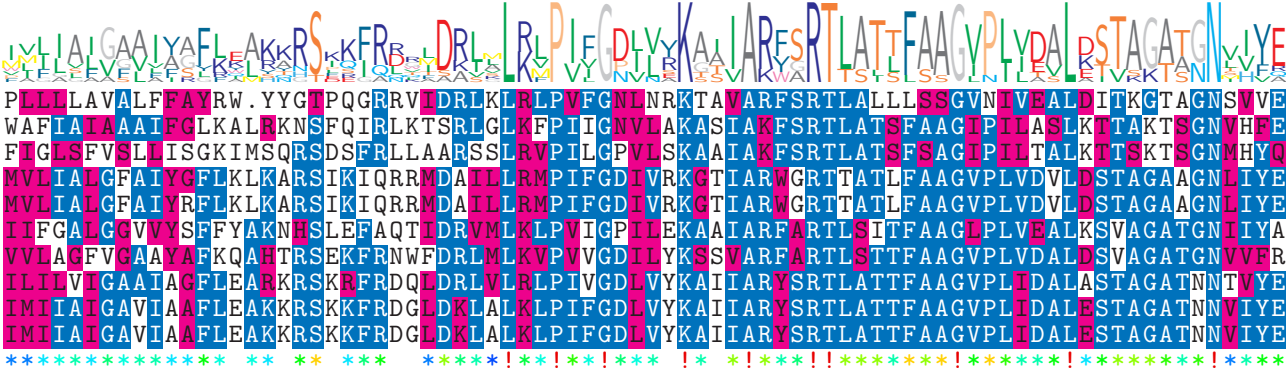
|                |                                |              |     |
|----------------|--------------------------------|--------------|-----|
| NTDB id 1029   | TT RS02230 WP 011228203.1      | DITIFTRQLATM | 144 |
| NTDB id 1169   | A1552VC RS11075 WP 000648511.1 | DITIFTRQLATM | 148 |
| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | DITIFTRQLATM | 147 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | DITIFTRQLATM | 150 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | DITIFTRQLATM | 150 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | DITIFTRQLATM | 147 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | DITIFTRQLATM | 146 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | DITIFTRQLATM | 149 |
| NTDB id 230088 | AB987 RS05765 WP 000279218.1   | DITIFTRQLATM | 149 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | DITIFTRQLATM | 149 |
| consensus      |                                | DITIFTRQLATM |     |

logo

|                |                                |               |     |
|----------------|--------------------------------|---------------|-----|
| NTDB id 1029   | TT RS02230 WP 011228203.1      | ETMLDRVATYKEK | 224 |
| NTDB id 1169   | A1552VC RS11075 WP 000648511.1 | ETMLDRVATYKEK | 228 |
| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | ETMLDRVATYKEK | 227 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | ETMLDRVATYKEK | 230 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | ETMLDRVATYKEK | 230 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | ETMLDRVATYKEK | 227 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | ETMLDRVATYKEK | 226 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | ETMLDRVATYKEK | 229 |
| NTDB id 230088 | AB987 RS05765 WP 000279218.1   | ETMLDRVATYKEK | 229 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | ETMLDRVATYKEK | 229 |
| consensus      |                                | ETMLDRVATYKEK |     |

logo

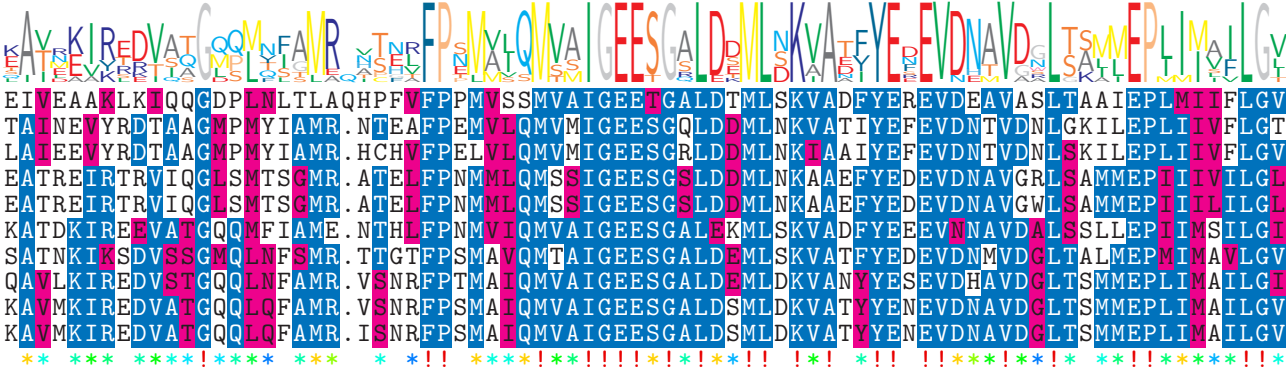
NTDB id 1029 TT RS02230 WP 011228203.1  
NTDB id 1169 A1552VC RS11075 WP 000648511.1  
NTDB id 1402 DSB67 RS12670 WP 010643257.1  
NTDB id 1112 NGFG RS09215 WP 003689811.1  
NTDB id 1113 AAA85695.1 219..1451( )  
NTDB id 1252 GC085 RS07730 WP 011213805.1  
NTDB id 1198 PSJM300 03950 AFN76868.1  
NTDB id 1016 ACIAD RS01680 WP 004920476.1  
NTDB id 230088 AB987 RS05765 WP 000279218.1  
NTDB id 1059 ABD1 RS01610 WP 000279215.1  
consensus



303  
308  
307  
310  
310  
307  
306  
309  
309  
309

logo

NTDB id 1029 TT RS02230 WP 011228203.1  
NTDB id 1169 A1552VC RS11075 WP 000648511.1  
NTDB id 1402 DSB67 RS12670 WP 010643257.1  
NTDB id 1112 NGFG RS09215 WP 003689811.1  
NTDB id 1113 AAA85695.1 219..1451( )  
NTDB id 1252 GC085 RS07730 WP 011213805.1  
NTDB id 1198 PSJM300 03950 AFN76868.1  
NTDB id 1016 ACIAD RS01680 WP 004920476.1  
NTDB id 230088 AB987 RS05765 WP 000279218.1  
NTDB id 1059 ABD1 RS01610 WP 000279215.1  
consensus

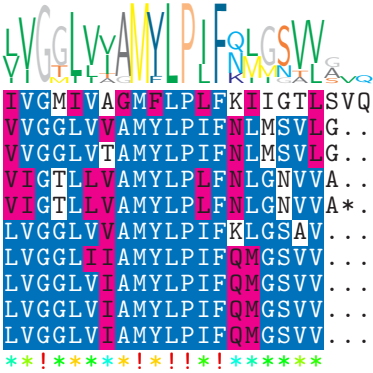


383  
387  
386  
389  
389  
386  
385  
388  
388  
388

<0

logo

NTDB id 1029 TT RS02230 WP 011228203.1  
NTDB id 1169 A1552VC RS11075 WP 000648511.1  
NTDB id 1402 DSB67 RS12670 WP 010643257.1  
NTDB id 1112 NGFG RS09215 WP 003689811.1  
NTDB id 1113 AAA85695.1 219..1451( )  
NTDB id 1252 GC085 RS07730 WP 011213805.1  
NTDB id 1198 PSJM300 03950 AFN76868.1  
NTDB id 1016 ACIAD RS01680 WP 004920476.1  
NTDB id 230088 AB987 RS05765 WP 000279218.1  
NTDB id 1059 ABD1 RS01610 WP 000279215.1  
consensus



406  
408  
407  
410  
410  
406  
405  
408  
408  
408

non conserved  
 similar  
 ≥ 50% conserved