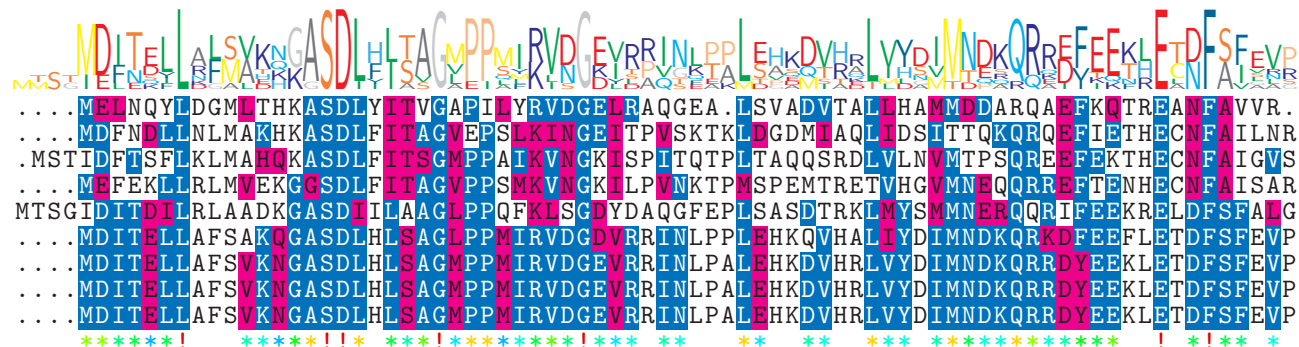


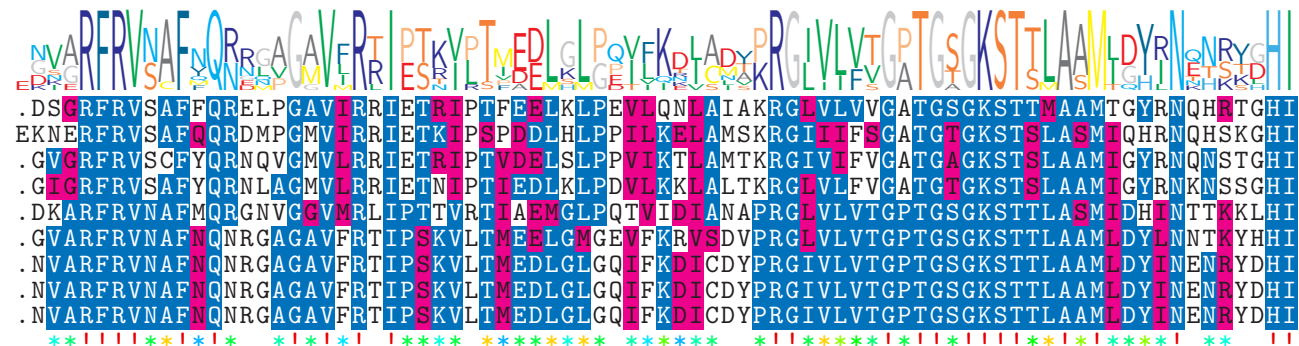
logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
NTDB id 1019 ACIAD RS04205 WP 004922051.1  
NTDB id 163855 ATY45 RS16595 WP 044757021.1  
NTDB id 1203 PSJM300 01605 AFN76401.1  
NTDB id 1307 DR RS10055 WP 010888596.1  
NTDB id 1194 PAKAF RS01995 WP 003084552.1  
NTDB id 1060 ABD1 RS04380 WP 000355489.1  
NTDB id 1040 HON27 RS13360 WP 000355489.1  
NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
consensus



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NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
consensus



logo

|                                             |                |             |          |           |              |                |                |                |     |
|---------------------------------------------|----------------|-------------|----------|-----------|--------------|----------------|----------------|----------------|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | TFDQALYQLVVD   | DK          | ISEQD    | ALHS      | ADSANDLRLMLK | .TKRGDDYGSG... | SLQNV          | ....KIDME..... | 368 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | TFDQALFDLYDHQH | ISYAD       | ALKHADSP | NNLRLQIK  | .LSEEANKPLDN | RERMSEM....    | ERKMTFDGQRRNLK | .....          | 383 |
| NTDB id 163855 ATY45 RS16595 WP 044757021.1 | TFDQSLFELYQAGE | ISYED       | ALRYADS  | QNEVRLRIK | .LSQGGDAKTL  | SQ.GMDGV....   | EISEVR.....    | 376            |     |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | TFDQALYNLYVQGE | ITYED       | ALLHADSS | NDLRLMIK  | .LGSETDGEHL  | TS.VSQGL....   | TLEMSDDDPGRSFR | .....          | 381 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | TMDAYLAGLFR    | RHLITYDK    | GLERAID  | PKEF      | ARLANDASAGL  | GASMTP.AAPPV   | PAYNSASSSSTGR  | GDFGRGAAAPAT   | 398 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1   | TLDMCLKGLVAK   | GLISREN     | AREKAKI  | PENF      | .....        | .....          | .....          | 344            |     |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | TLDQSLKGLVARG  | VISPQTARTAA | KQPESFL  | .....     | .....        | .....          | 345            |                |     |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | TLDQSLKGLVARG  | VISPQTARTAA | KQPESFL  | .....     | .....        | .....          | 345            |                |     |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | TLDQSLKGLVSRG  | VISPQTARTAA | KQPESFL  | .....     | .....        | .....          | 345            |                |     |
| consensus                                   | !?!*!          | ?!*!        | ***!*    | *!*!      | !            | *              | *              |                |     |

logo

|                                             |             |           |       |     |
|---------------------------------------------|-------------|-----------|-------|-----|
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | PAAPAAAGRSE | PGRAGGFGR | R     | 368 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....       | .....     | ..... | 383 |
| NTDB id 163855 ATY45 RS16595 WP 044757021.1 | .....       | .....     | ..... | 376 |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....       | .....     | ..... | 381 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | PAAPAAAGRSE | PGRAGGFGR | R     | 418 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1   | .....       | .....     | ..... | 344 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | .....       | .....     | ..... | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....       | .....     | ..... | 345 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....       | .....     | ..... | 345 |
| consensus                                   | .....       | .....     | ..... |     |

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved