

logo

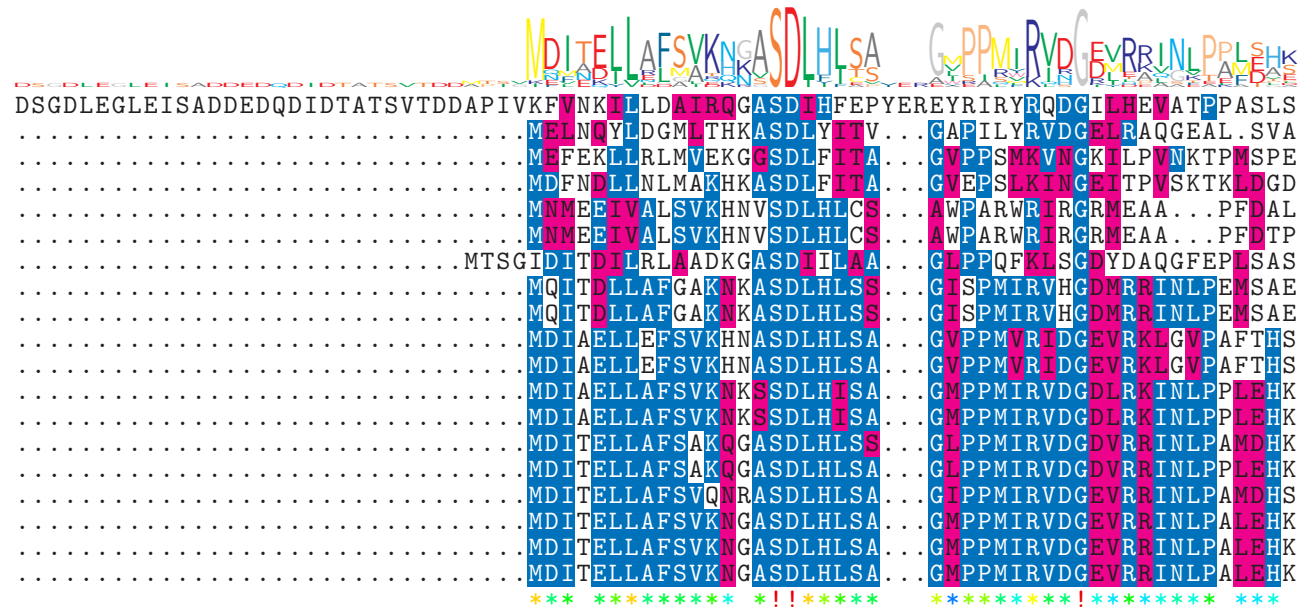
|   |  |    |
|---|--|----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAQNFQVPMLDINCIDVGTI | 80 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | .....  | 0  |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....  | 0  |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....  | 0  |
| NTDB id 47374 H7R14 RS04355 WP 001327409.1  | .....  | 0  |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | .....  | 0  |
| NTDB id 1307 DR RS10055 WP 010888596.1      | .....  | 0  |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | .....  | 0  |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | .....  | 0  |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | .....  | 0  |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | .....  | 0  |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1  | .....  | 0  |
| NTDB id 1259 GC085 RS10305 WP 010947729.1   | .....  | 0  |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | .....  | 0  |
| NTDB id 1194 PA0395 NP 249086.1             | .....  | 0  |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | .....  | 0  |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....  | 0  |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | .....  | 0  |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....  | 0  |
| consensus                                   |  |    |

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|---|---|-----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | PVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE | 160 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | .....   | 0   |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....   | 0   |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....   | 0   |
| NTDB id 47374 H7R14 RS04355 WP 001327409.1  | .....   | 0   |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | .....   | 0   |
| NTDB id 1307 DR RS10055 WP 010888596.1      | .....   | 0   |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | .....   | 0   |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | .....   | 0   |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | .....   | 0   |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | .....   | 0   |
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| NTDB id 1259 GC085 RS10305 WP 010947729.1   | .....   | 0   |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | .....   | 0   |
| NTDB id 1194 PA0395 NP 249086.1             | .....   | 0   |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | .....   | 0   |
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| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | .....   | 0   |
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KAVRDDFTNQGLIELGFKEADLVNLKLYKAVGCEQCTSGYRGRVGLFEVLPMTKELGQLIMSGGNS...LDLILKLAQSEGM 547  
 .....DKNKGRHGVEVFLNSPRIADLIRRGELHELKATMARSQEVGM 312  
 .....TPDGKRRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGM 314  
 .....THDQSRRAAVEVLINTPLLSDYIRQGETYKIKELMARSQELGM 315  
 .....D.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM 310  
 .....D.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGM 310  
 .....RADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGM 318  
 .....THDGNRVSASHEILIANPAVRNLIRENKITQINSVLQTGGASGM 314  
 .....THDGNRVSASHEILIANPAVRNLIRENKITQINSVLQTGGASGM 314  
 .....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAHGM 313  
 .....R.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAHGM 313  
 .....K.NKGGRAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM 313  
 .....K.NKGGRAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQAKGM 313  
 .....K.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGSSLGM 313  
 .....K.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGSSLGM 313  
 .....K.EGGGRVAAHEIMIGTPAIRNLIREGKVAQMYSIIQTGATHGM 313  
 .....K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGANHGM 313  
 .....K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGANHGM 313  
 .....K.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGANHGM 313

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 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1

LTIFQSGIEKVKEGITITIEEVNRVTVD..... 574  
 QTFDQALYQLVVDKISEQDALHSADSANDLRLMLKTK.RGDDY...GSGSLQNVKI.....DME..... 368  
 QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR... 381  
 QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK... 383  
 ITFQQSYQQRVKEGRL..... 326  
 ITFQQSYQHRVGEGRL..... 326  
 VTMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA 393  
 QTMDQSLQSLVRQGLIAPEVARRRAQNSESMSF..... 347  
 QTMDQSLQSLVRQGLIAPEAARRRAQNSESMSF..... 347  
 QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF..... 345  
 QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF..... 345  
 QTLDQHLTELVNKNIISKHTAHEAALNK.SLF..... 344  
 QTLDQHLTELVNKNIISKHTAHEAALNK.SLF..... 344  
 QTLDSC LKGLIAKGLISRDSAKEKAKQP.ENF..... 344  
 QTLDMCLKGLVAKGLISRAREKAKIP.ENF..... 344  
 TTLDQSLKQLLAKGIINLPTARAVAKSP.ESF..... 344  
 TTLDQSLKGLVSRGVISPQTARTAAKQP.ESFL..... 345  
 TTLDQSLKGLVARGVISPQTARTAAKQP.ESFL..... 345  
 TTLDQSLKGLVARGVISPQTARTAAKQP.ESFL..... 345

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|---|--------------------------|-----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | .....                    | 574 |
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| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....                    | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....                    | 383 |
| NTDB id 47374 H7R14 RS04355 WP 001327409.1  | .....                    | 326 |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | .....                    | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | AAPATPAAPAAGRSEPGRAGGFGR | 418 |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | .....                    | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | .....                    | 347 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | .....                    | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | .....                    | 345 |
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| NTDB id 1259 GC085 RS10305 WP 010947729.1   | .....                    | 344 |
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| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....                    | 345 |
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| consensus                                   |                          |     |

 non conserved  
 similar  
 ≥ 50% conserved