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|---------------------------------------------|-----------------------------------------------------------------------------------|----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEEKISLLQYIVKNKILSAEQIALTAAGNFQVPMLDINCIDVGTI | 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 96131 AB847 RS19275 WP 001697393.1  | .....                                                                             | 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 1060 ABD1 RS04380 WP 000355489.1    | .....                                                                             | 0  |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....                                                                             | 0  |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....                                                                             | 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 96131 AB847 RS19275 WP 001697393.1  | .....                                                                             | 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 1060 ABD1 RS04380 WP 000355489.1    | .....                                                                             | 0   |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....                                                                             | 0   |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....                                                                             | 0   |
| consensus                                   |                                                                                   |     |

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|                                             |                                           |     |
|---------------------------------------------|-------------------------------------------|-----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | DSGDLGLEISADDEDQDIDTATSVTDDAPIVKFV        | 240 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | .....MELNQYLDGMLTHKASDLYITV...GAPILYRV    | 44  |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....MEFEKLLRLMVEKGGSDLFITA...GVPPSMKVN   | 45  |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....MDFNDLLNLMMAKHKASDLFITA...GVEPSLKI   | 45  |
| NTDB id 96131 AB847 RS19275 WP 001697393.1  | .....MNMEEIVALSVKHNVSDLHLCS...AWPARWRIR   | 42  |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | .....MNMEEIVALSVKHNVSDLHLCS...AWPARWRIR   | 42  |
| NTDB id 1307 DR RS10055 WP 010888596.1      | .....MTSGIDITDILRLAADKGASDITILAA...GLPPQF | 49  |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | .....MQITDLLAFGAKNKASDLHLSS...GISPMIRVH   | 45  |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | .....MQITDLLAFGAKNKASDLHLSS...GISPMIRVH   | 45  |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | .....MDIAELLEFSVKHNASDLHLSA...GVPPMVRID   | 45  |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | .....MDIAELLEFSVKHNASDLHLSA...GVPPMVRID   | 45  |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1  | .....MDIAELLAFSVKNKSSDLHISA...GMPPMIRVD   | 45  |
| NTDB id 1259 GC085 RS10305 WP 010947729.1   | .....MDIAELLAFSVKNKSSDLHISA...GMPPMIRVD   | 45  |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | .....MDITELLAFAKQKASDLHLSS...GLPPMIRVDG   | 45  |
| NTDB id 1194 PA0395 NP 249086.1             | .....MDITELLAFAKQKASDLHLSA...GLPPMIRVDG   | 45  |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | .....MDITELLAFSVQNRASDLHLSA...GIPPMIRVDG  | 45  |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | .....MDITELLAFSVKNGASDLHLSA...GMPPMIRVDG  | 45  |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | .....MDITELLAFSVKNGASDLHLSA...GMPPMIRVDG  | 45  |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | .....MDITELLAFSVKNGASDLHLSA...GMPPMIRVDG  | 45  |
| consensus                                   | *** ***** *!***** *****!***** ***         |     |

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|---------------------------------------------|-------------------------------------------------------------|-----|
| NTDB id 1251 GC085 RS07725 WP 011946523.1   | SRITARIKVMSNLDISERRIPQDGGFKMKISKSR.AIDFRVSTCPTSAGEKVVMRVLD  | 319 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | DVTALIHAMMDARQAE..FKQTRFANFAVVRD..SGRFRVSAFFQRELPGAVIRRIET  | 114 |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | MTRETVHGVNMNEQQRRE..FTENHECNFAISARG.TGRFRVSAFYQRNLAGMVLRR   | 116 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | MIAQLIDSITTQKQRQE..FIETHECNFAILNREKNERFRVSAFQQRDMPGMVIRRIET | 117 |
| NTDB id 96131 AB847 RS19275 WP 001697393.1  | DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSFAQAQRHGISLALRL   | 113 |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | DVEELLREWLDDDQRAI..LLENGQLDFAVSLAE.NQRLRGSFAQAQRHGISLALRL   | 113 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | DTRKLMYSMMNERQQRRI..FEEKRELDDFSALGD..KARFRVNAFMQRGNVGGVM    | 120 |
| NTDB id 1086 NMV RS00245 WP 002218487.1     | EVGNMVTSMNDHQRKI..YQQNLEVDFSFEIPN.VARFRVNAFNIGRGPAAVFRTIP   | 116 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1    | EVGNMVTSMNDHQRKI..YQQNLEVDFSFEIPN.VARFRVNAFNIGRGPAAVFRTIP   | 116 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1   | DVHRLIFEIMNDAQRSE..YEEKLEVDFSFEIPN.VGRFRVNAFHQARGCSAVFRTIP  | 116 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | DVHRLIFEIMNDAQRSE..YEEKLEVDFSFEIPN.VGRFRVNAFHQARGCSAVFRTIP  | 116 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1  | DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIPN.LARFRVNAFNQSRGAAVFRTIP   | 116 |
| NTDB id 1259 GC085 RS10305 WP 010947729.1   | DVIKIIYDIMNDRQRKE..YEEFFETDFSFEIPN.LARFRVNAFNQSRGAAVFRTIP   | 116 |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP  | 116 |
| NTDB id 1194 PA0395 NP 249086.1             | QVHALIYDIMNDKQRKD..FEEFLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP  | 116 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | EVHNLIIYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNVFNQNRGAGAVFRTIP  | 116 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1    | DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP   | 116 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1   | DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP   | 116 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1   | DVHRLVYDIMNDKQRD..YEEKLETDFSFEVPG.VARFRVNAFNQNRGAGAVFRTIP   | 116 |
| consensus                                   | ** ***** **** * ***** *****!***** ** *****!***** ** ***** * |     |

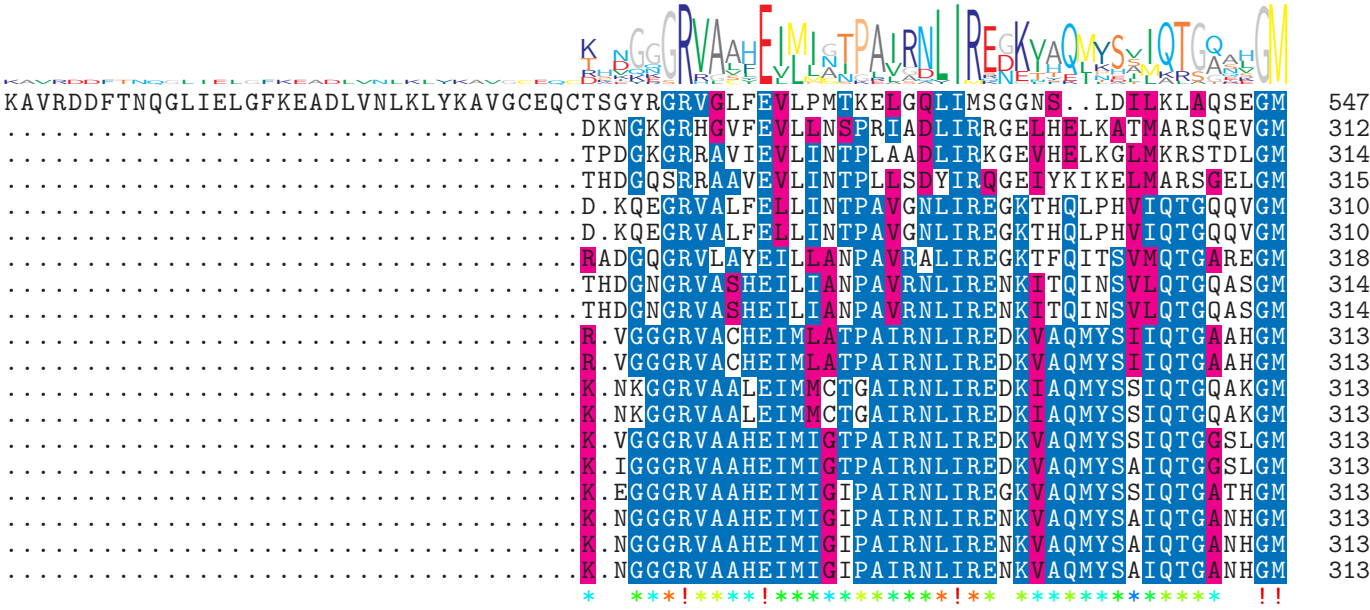
[illegible]

|      |    |       |         |         |          |              |                                  |                              |                              |             |               |            |          |               |           |         |        |        |       |     |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
|------|----|-------|---------|---------|----------|--------------|----------------------------------|------------------------------|------------------------------|-------------|---------------|------------|----------|---------------|-----------|---------|--------|--------|-------|-----|-------|-------|-------|-----|-------|------|-------|-------|-----|------|---|----|---|------|-------|-------|-----|
| NTDB | id | 1251  | GC085   | RS07725 | WP       | 011946523.1  | PDIIIMVGEIRDLETAETIAIKAAQTGHLVLS | TLHTNSAAETLNRLVNMGIPT.....FN | IASSVTLIIAQRRLAR             | KLCNQC      | 469           |            |          |               |           |         |        |        |       |     |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1177  | A1552VC | RS01165 | WP       | 000422572.1  | PDMILIGEIRSR                     | ETMEYAMTFAETGHL              | CLMATLHANNANQALERILHLVPKEQRE | QFLDLSLNLKG | VI            | AAQQLLR    | .....    | 268           |           |         |        |        |       |     |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1203  | PSJM300 | 01605   | AFN      | 76401.1      | PDVILIGEVR                       | TRSEMDHAVAFAETGHL            | CLCLATLHANNANQALDR           | IIINFFPADR  | QQVWMDLSLNLKA | IT         | IAVQQLVP | .....         | 270       |         |        |        |       |     |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1019  | ACIAD   | RS04205 | WP       | 004922051.1  | PDVILIGEIR                       | SR                           | EVMDYALAF                    | AFETGHLV    | FATLHANNANQ   | TLERIIHFFD | ADR      | HQIIFMDLSLNLK | AVISQQLIP | .....   | 271    |        |       |     |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 96131 | AB847   | RS19275 | WP       | 001697393.1  | PDVILLGEL                        | RDS                          | ETIRLALTA                    | AETGHLV     | LATLHTRGAAQ   | AV         | RLVDS    | SFPAQ         | EKDPARNQL | AGSLRAV | LS     | SQKLEV | ..... | 267 |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1448  | BW25113 | RS15320 | WP       | 001326494.1  | PDVILLGEL                        | RDS                          | ETIRLALTA                    | AETGHLV     | LATLHTRGAAQ   | AV         | RLVDS    | SFPAQ         | EKDPARNQL | AGSLRAV | LS     | SQKLEV | ..... | 267 |       |       |       |     |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1307  | DR      | RS10055 | WP       | 01088596.1   | PDVILVGEM                        | R                            | DYETIKAAV                    | TAAETGHLV   | MGTLHTNSAPES  | IDR        | IV       | DV            | FP        | EEQ     | QEQIRV | QLANN  | L     | VAV | MT    | QQLLP | ..... | 274 |       |      |       |       |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1086  | NMV     | RS00245 | WP       | 002218487.1  | PDVILVGEM                        | R                            | DP                           | PETIGLALTA  | AETGHLV       | FGTLHT     | TGA      | AKT           | V         | DRI     | DV     | FP     | AGE   | K   | EMVRS | ML    | SESL  | T   | AVISQ | NLLK | ..... | 270   |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1116  | NGFG    | RS10615 | WP       | 0023690200.1 | PDVILVGEM                        | R                            | DP                           | PETIGLALTA  | AETGHLV       | FGTLHT     | TGA      | AKT           | V         | DRI     | DV     | FP     | AGE   | K   | EMVRS | ML    | SESL  | T   | AVISQ | NLLK | ..... | 270   |     |      |   |    |   |      |       |       |     |
| NTDB | id | 1185  | GTF74   | RS11940 | WP       | 000350195.1  | PDVILVGEL                        | R                            | DQ                           | ETISLALTA   | AETGHLV       | FGTLHT     | SSA      | AKT           | T         | DRI     | DV     | FP     | GS    | DKD | MVRS  | ML    | SESL  | R   | AVI   | AQ   | KLLK  | ..... | 270 |      |   |    |   |      |       |       |     |
| NTDB | id | 1176  | A1552VC | RS01160 | WP       | 000350195.1  | PDVILVGEL                        | R                            | DQ                           | ETISLALTA   | AETGHLV       | FGTLHT     | SSA      | AKT           | T         | DRI     | DV     | FP     | GS    | DKD | MVRS  | ML    | SESL  | R   | AVI   | AQ   | KLLK  | ..... | 270 |      |   |    |   |      |       |       |     |
| NTDB | id | 1283  | ACE17W  | RS02630 | WP       | 010947729.1  | PDIIILVGEL                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | T             | K         | T       | I      | N      | R     | I   | DV    | FP    | A     | E   | E     | K    | S     | MVRS  | ML  | SESL | Q | AV | V | AQ   | SLLK  | ..... | 270 |
| NTDB | id | 1259  | GC085   | RS10305 | WP       | 010947729.1  | PDIIILVGEL                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | T             | K         | T       | I      | N      | R     | I   | DV    | FP    | A     | E   | E     | K    | S     | MVRS  | ML  | SESL | Q | AV | V | AQ   | SLLK  | ..... | 270 |
| NTDB | id | 1202  | PSJM300 | 01600   | AFN      | 76400.1      | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | AV  | S    | I | S  | Q | TLLK | ..... | 270   |     |
| NTDB | id | 1194  | PA0395  | NP      | 249086.1 |              | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | S   | V    | I | S  | Q | TLLK | ..... | 270   |     |
| NTDB | id | 1020  | ACIAD   | RS04210 | WP       | 011182164.1  | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | AV  | S    | I | S  | Q | TLLK | ..... | 270   |     |
| NTDB | id | 1060  | ABD1    | RS04380 | WP       | 000355489.1  | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | AV  | S    | I | S  | Q | TLLK | ..... | 270   |     |
| NTDB | id | 1040  | HON27   | RS13360 | WP       | 000355489.1  | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | AV  | S    | I | S  | Q | TLLK | ..... | 270   |     |
| NTDB | id | 1081  | FDQ49   | RS05335 | WP       | 006581387.1  | PDIIILVGEM                       | R                            | DLE                          | ETIRLAM     | TAAETGHLV     | FGTLHT     | NSA      | AKT           | T         | IDR     | V      | DV     | FP    | A   | E     | E     | K     | S   | MVRS  | ML   | SESL  | Q     | AV  |      |   |    |   |      |       |       |     |



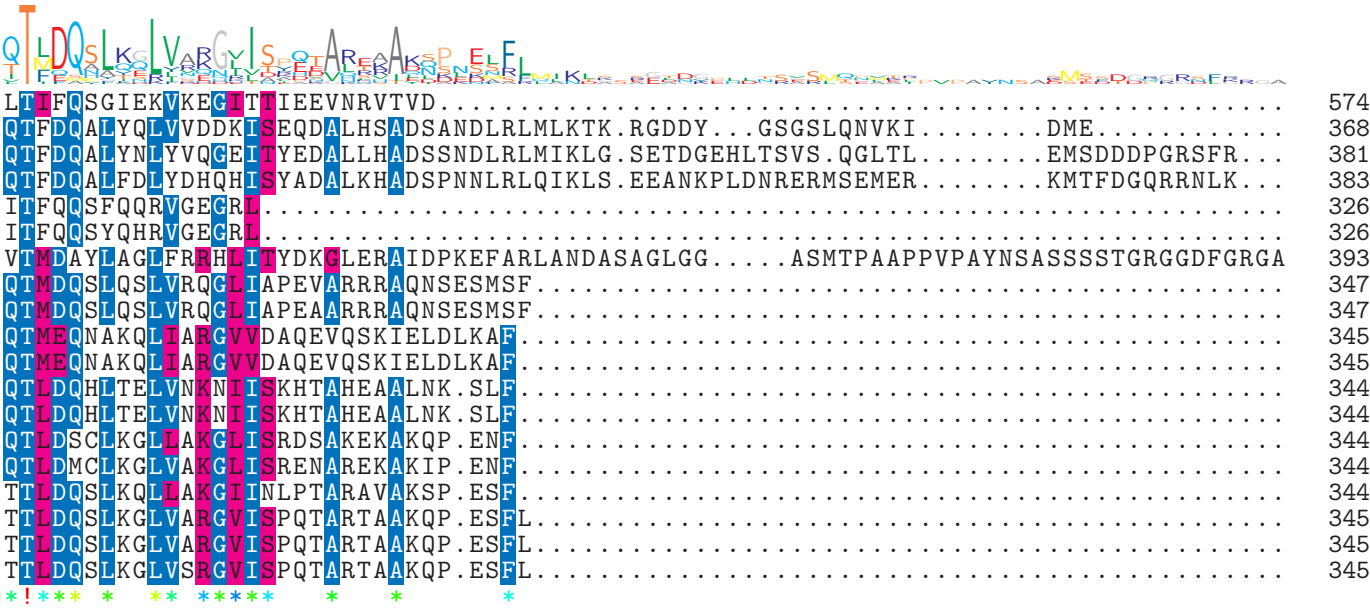
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| NTDB id   | 1251  | GC085   | RS07725 | WP         | 011946523.1 |
| NTDB id   | 1177  | A1552VC | RS01165 | WP         | 000422572.1 |
| NTDB id   | 1203  | PSJM300 | 01605   | AFN76401.1 |             |
| NTDB id   | 1019  | ACIAD   | RS04205 | WP         | 004922051.1 |
| NTDB id   | 96131 | AB847   | RS19275 | WP         | 001697393.1 |
| NTDB id   | 1448  | BW25113 | RS15320 | WP         | 001326494.1 |
| NTDB id   | 1307  | DR      | RS10055 | WP         | 010888596.1 |
| NTDB id   | 1086  | NMV     | RS00245 | WP         | 002218487.1 |
| NTDB id   | 1116  | NGFG    | RS10615 | WP         | 003690200.1 |
| NTDB id   | 1185  | GTF74   | RS11940 | WP         | 000350195.1 |
| NTDB id   | 1176  | A1552VC | RS01160 | WP         | 000350195.1 |
| NTDB id   | 1283  | ACE17W  | RS02630 | WP         | 010947729.1 |
| NTDB id   | 1259  | GC085   | RS10305 | WP         | 010947729.1 |
| NTDB id   | 1202  | PSJM300 | 01600   | AFN76400.1 |             |
| NTDB id   | 1194  | PA0395  | NP      | 249086.1   |             |
| NTDB id   | 1020  | ACIAD   | RS04210 | WP         | 011182164.1 |
| NTDB id   | 1060  | ABD1    | RS04380 | WP         | 000355489.1 |
| NTDB id   | 1040  | HON27   | RS13360 | WP         | 000355489.1 |
| NTDB id   | 1081  | FDQ49   | RS05335 | WP         | 006581387.1 |
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| NTDB id   | 1251  | GC085   | RS07725 | WP         | 011946523.1 |
| NTDB id   | 1177  | A1552VC | RS01165 | WP         | 000422572.1 |
| NTDB id   | 1203  | PSJM300 | 01605   | AFN76401.1 |             |
| NTDB id   | 1019  | ACIAD   | RS04205 | WP         | 004922051.1 |
| NTDB id   | 96131 | AB847   | RS19275 | WP         | 001697393.1 |
| NTDB id   | 1448  | BW25113 | RS15320 | WP         | 001326494.1 |
| NTDB id   | 1307  | DR      | RS10055 | WP         | 010888596.1 |
| NTDB id   | 1086  | NMV     | RS00245 | WP         | 002218487.1 |
| NTDB id   | 1116  | NGFG    | RS10615 | WP         | 003690200.1 |
| NTDB id   | 1185  | GTF74   | RS11940 | WP         | 000350195.1 |
| NTDB id   | 1176  | A1552VC | RS01160 | WP         | 000350195.1 |
| NTDB id   | 1283  | ACE17W  | RS02630 | WP         | 010947729.1 |
| NTDB id   | 1259  | GC085   | RS10305 | WP         | 010947729.1 |
| NTDB id   | 1202  | PSJM300 | 01600   | AFN76400.1 |             |
| NTDB id   | 1194  | PA0395  | NP      | 249086.1   |             |
| NTDB id   | 1020  | ACIAD   | RS04210 | WP         | 011182164.1 |
| 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 1251 GC085 RS07725 WP 011946523.1   | .....                     | 574 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | .....                     | 368 |
| NTDB id 1203 PSJM300 01605 AFN76401.1       | .....                     | 381 |
| NTDB id 1019 ACIAD RS04205 WP 004922051.1   | .....                     | 383 |
| NTDB id 96131 AB847 RS19275 WP 001697393.1  | .....                     | 326 |
| NTDB id 1448 BW25113 RS15320 WP 001326494.1 | .....                     | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1      | AAPATPAAPAAGRSEPGRAGGFGRR | 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 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1  | .....                     | 344 |
| NTDB id 1259 GC085 RS10305 WP 010947729.1   | .....                     | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1       | .....                     | 344 |
| NTDB id 1194 PA0395 NP 249086.1             | .....                     | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1   | .....                     | 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                                   |                           |     |

-  non conserved
-  similar
-  ≥ 50% conserved