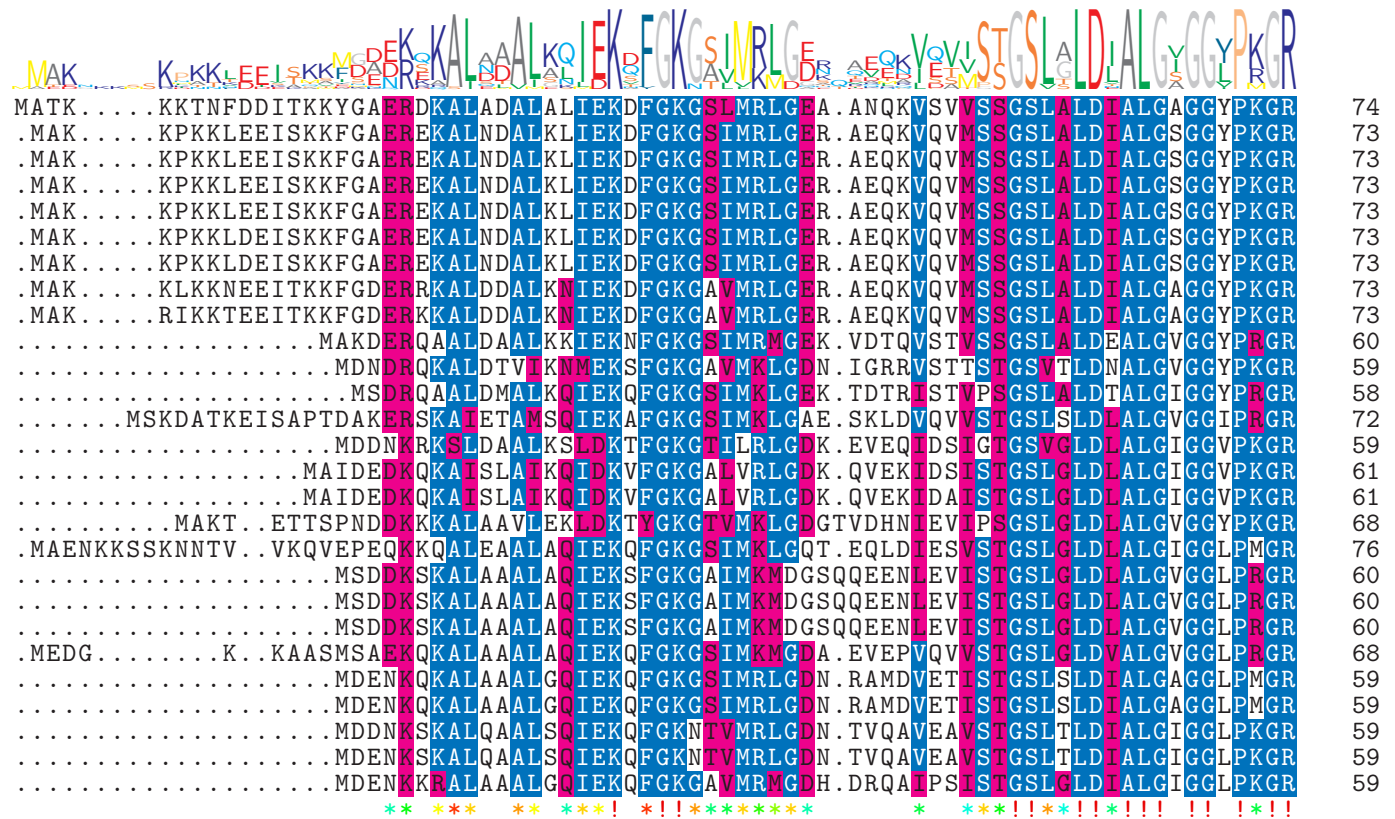


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NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 625 LCA RS02525 WP 011374196.1
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NTDB id 115 BSU 16940 NP 389576.2
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NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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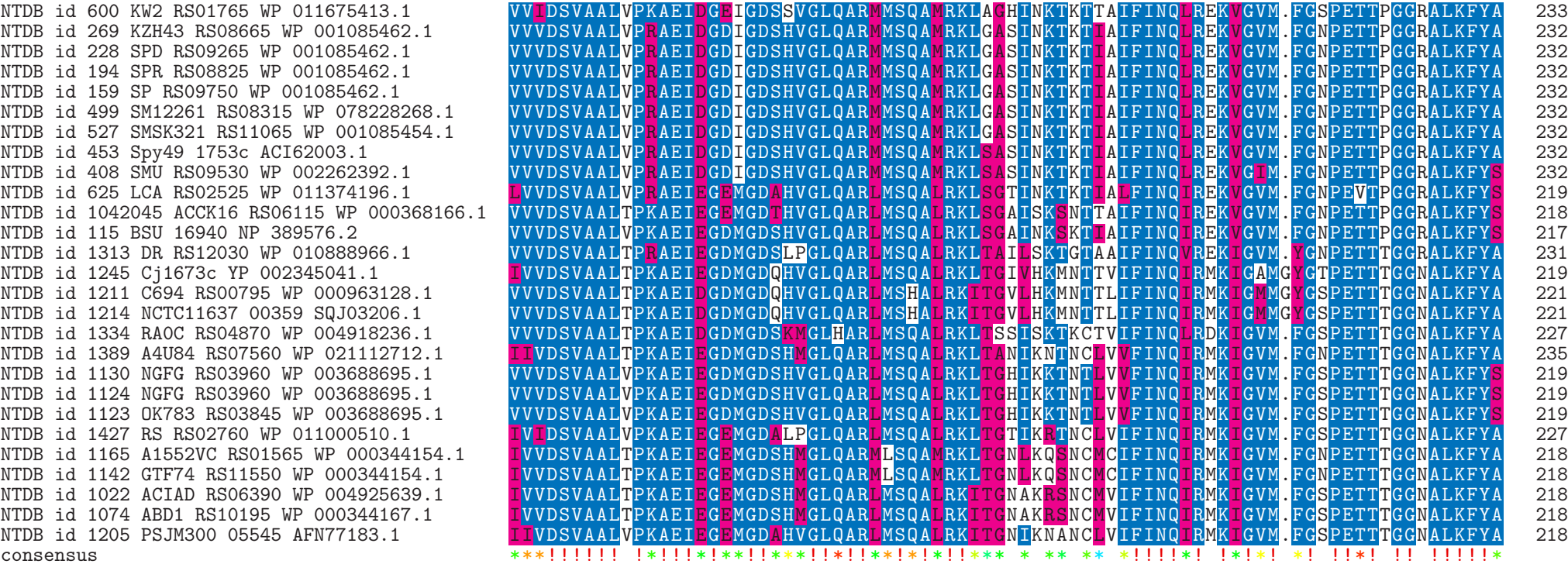
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consensus

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logo



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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJ3M300 05545 AFN77183.1

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| Sequence                                                                                      | Score |
|-----------------------------------------------------------------------------------------------|-------|
| DEKIGQGA EKAKNYLKEHQDV FDEIDHKVRAAHGLDDSEVAETEEETTASKTAKAKKKEEKAVETEEIELELED . . . . .        | 387   |
| DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE          | 385   |
| DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE          | 385   |
| DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE          | 385   |
| DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE          | 385   |
| DEKIGQGS ENAKKYLAADNPEIFDEIDHQVRVQFLIDGEEIAES . . . KKDE . . . AAQVDS . VNEEVTLDLGDELEIE      | 381   |
| DEKIGQGS ENAKKYLAADNPEVFAEIDHQVRVQFLIDGEEIAES . . . KKDE . . . VAQVDS . VNEEVTLDLGDELEIE      | 381   |
| GEKIGQGS ENAKRYLADHPQLFDEIDRKVRVKFLLEESEESAMAVASE . . . . . E . . . . . TDDLALDLNGIEIE        | 377   |
| GEKIGQGS ENAKKFLADNPEIFDDIDHKVVRVQGLIEEDNTEEKQSSKEK . . . . . ETDEK . ADKNLVLELDDTIELE        | 382   |
| SERIGQGS ENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDEQINILPDDSTEE . . . . .                      | 355   |
| GERMGQGS KENVKMYLKENPQIKEEIDRKLRKLGISDGDVEETEDA . . PKSLFDEE . . . . .                        | 347   |
| EERLGGREN AKQFLKENKDIMLMIQEIQIREHYGLDNGVQVQQAAETQEELEFEE . . . . .                            | 348   |
| DERIGQG KECTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAAPEAAEA . . . . .                             | 363   |
| DKKLGGGREN SKAFLKENPEIAD EITKAIQNSMGTIEGMI . . . . . SGSEDD . EGEE . . . . .                  | 343   |
| DKKLGGGREN AKALLKEDKALADEITLKIKESIGSNEEI . . . . . MPLPDE . PLEEME . . . . .                  | 347   |
| DKKLGGGREN AKALLKEDKALADEITLKIKESIGSNEEI . . . . . MPLPDE . PLEEME . . . . .                  | 347   |
| DTKLGGGRD TVKELIKDNPELAEELEAKIREKLQAK . . . . .                                               | 343   |
| GKIGQGKNN AVKWLKENPEIADKLEQEI RNTLASNPNS . . . . . VLKATASDSNDESD . VEEFSEEEL . . . . .       | 372   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI . . . . . TEGTQDETGDGER . . . . . PEE . . . . .       | 348   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI . . . . . TEGTQDETGDGER . . . . . PEE . . . . .       | 348   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI . . . . . TEGTQDETGDGER . . . . . PEE . . . . .       | 348   |
| GERIGGRDNCREFLRENAELAREIENKVRHGLVTPMG . . . . . AVTLA . EEEVE . . . . .                       | 352   |
| GDKIGQGKANACKYLKENPEIAKTLDDKKLREMLLNPNEM . . . . . QLIAETSSAADDVE . FGAVPEEF . . . . .        | 354   |
| GDKIGQGKANACKYLKENPEIAKTLDDKKLREMLLNPNEM . . . . . QLIAETSSAADDVE . FGAVPEEF . . . . .        | 354   |
| GNKIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASD . . . . . QTAA . HDETEEEP . D . LL . ES . . . . .     | 349   |
| GNKIGQGKNNVIRYFEENNQIAEIEIERNIREQLLTTGTN . . . . . GAVQ . I . EDEEEP . D . LL . LES . . . . . | 349   |
| GSKIGQGANAAKYYLENPEIQEIEEQIRAKLLVTSAN . . . . . TKATPVAEDLADAD . I . . . . .                  | 347   |

logo

|                                               |         |
|-----------------------------------------------|---------|
| NTDB id 600 KW2 RS01765 WP 011675413.1        | ... 387 |
| NTDB id 269 KZH43 RS08665 WP 001085462.1      | IEE 388 |
| NTDB id 228 SPD RS09265 WP 001085462.1        | IEE 388 |
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| NTDB id 159 SP RS09750 WP 001085462.1         | IEE 388 |
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| NTDB id 1074 ABD1 RS10195 WP 000344167.1      | ... 349 |
| NTDB id 1205 PSJM300 05545 AFN77183.1         | ... 347 |
| consensus                                     |         |

-  non conserved
-  similar
-  ≥ 50% conserved