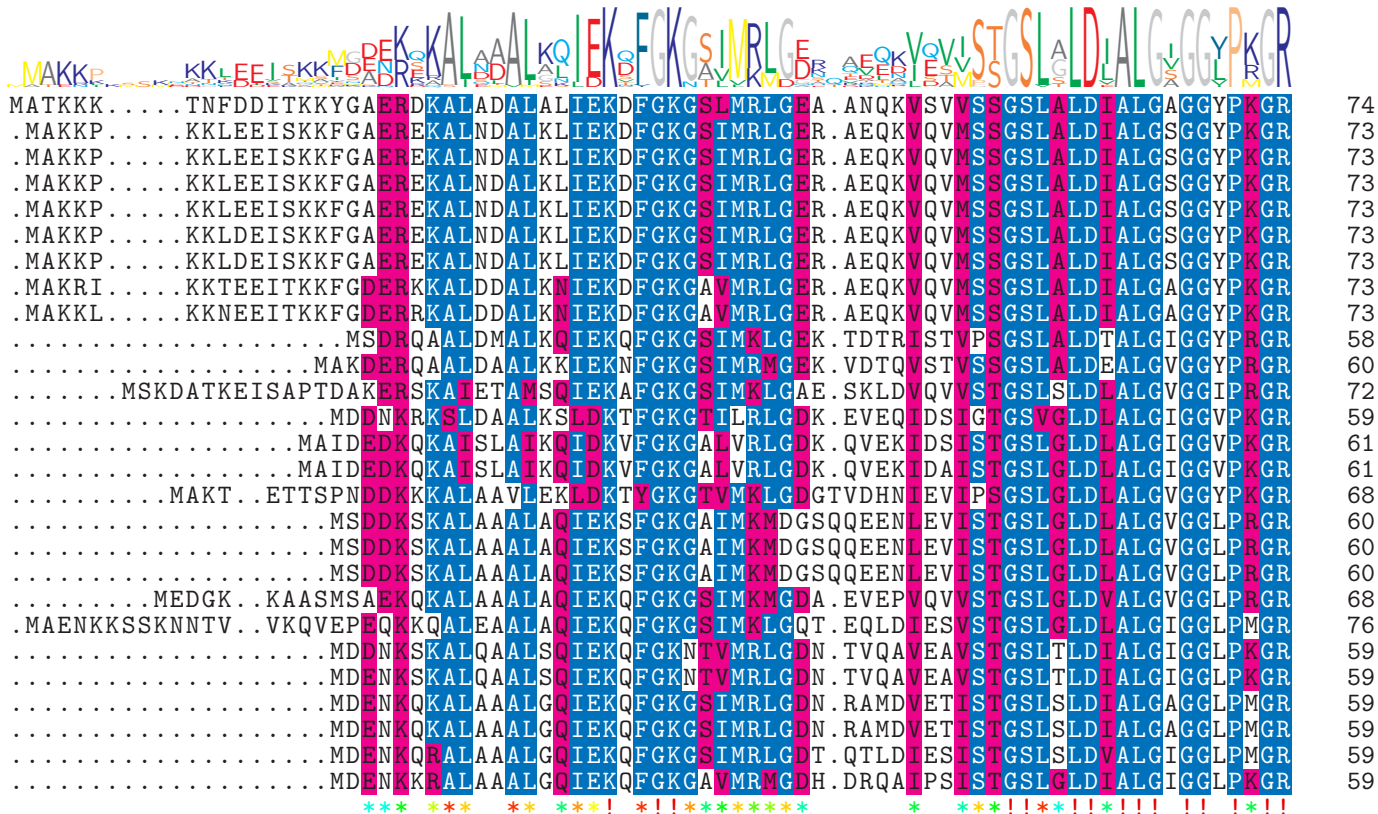


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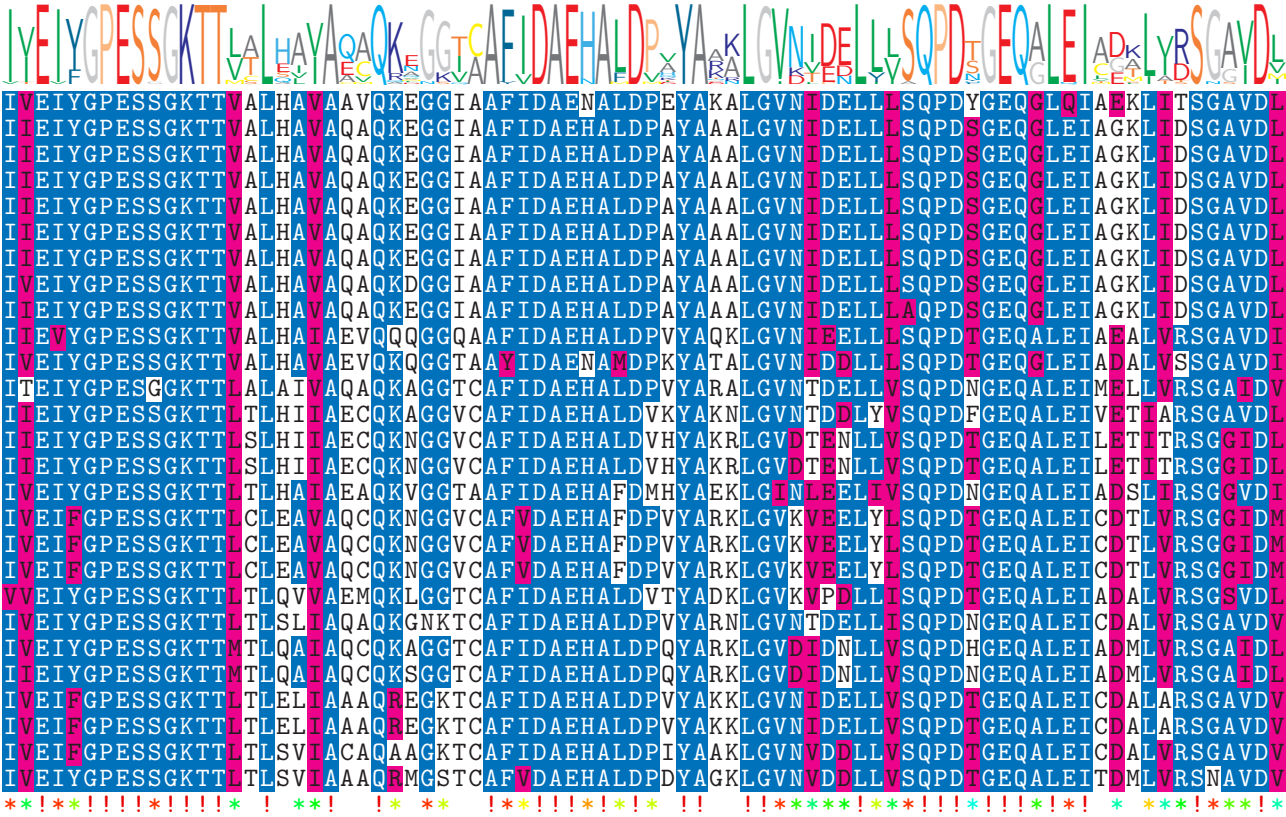
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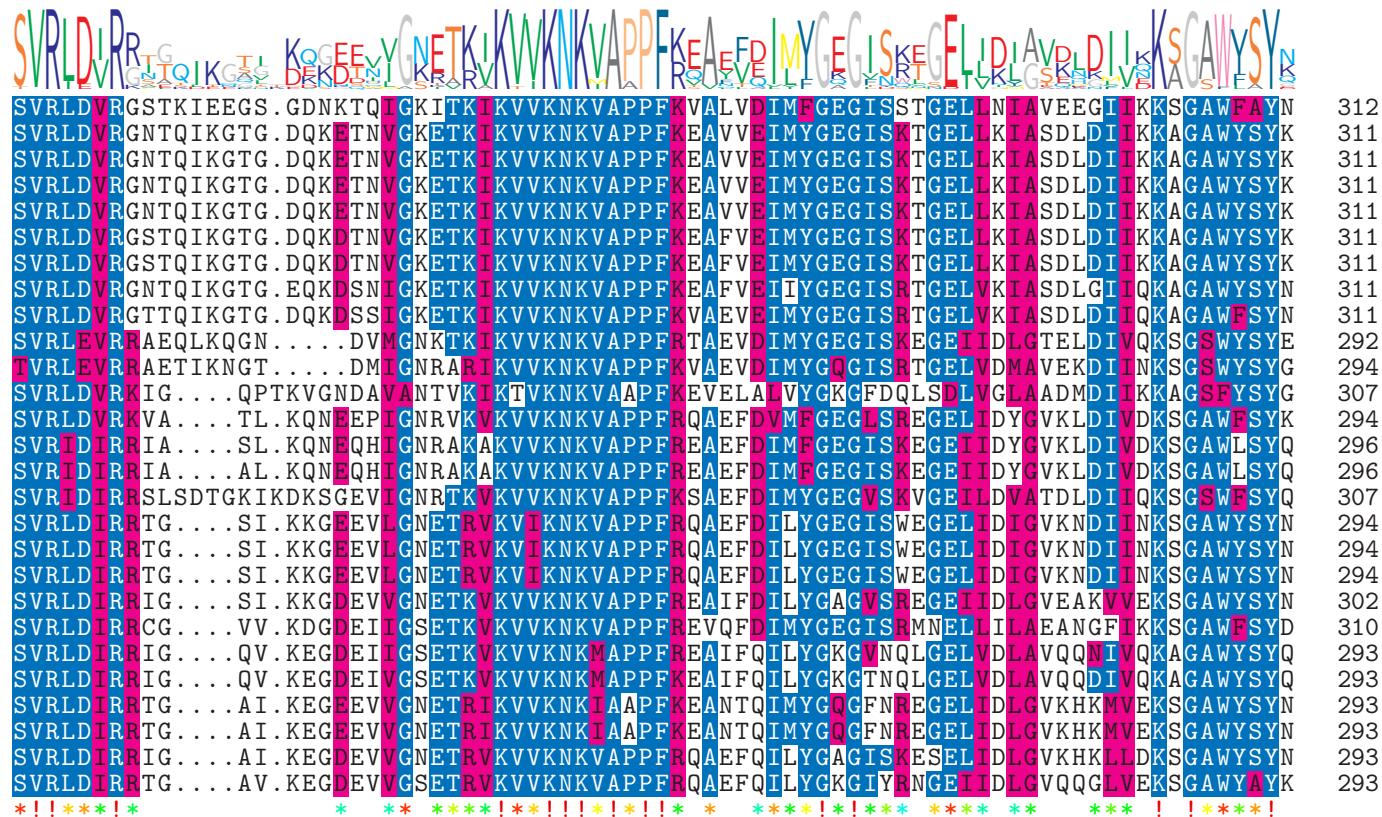
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VVVD ¹ SVAAALVPRAEIDG ¹ DIGDSHVGLQAR ¹ MSQAMRKL ¹ GASINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYA ¹	232
VVVD ¹ SVAAALVPRAEIDG ¹ DIGDSHVGLQAR ¹ MSQAMRKL ¹ GASINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYA ¹	232
VVVD ¹ SVAAALVPRAEIDG ¹ DIGDSHVGLQAR ¹ MSQAMRKL ¹ GASINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYA ¹	232
VVVD ¹ SVAAALVPRAEIDG ¹ DIGDSHVGLQAR ¹ MSQAMRKL ¹ GASINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYA ¹	232
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VVVD ¹ SVAAALVPRAEIDG ¹ DIGDSHVGLQAR ¹ MSQAMRKL ¹ SASINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYA ¹	232
VVVD ¹ SVAAALVPKAEIEGDMGDSHVGLQAR ¹ MSQALRKL ¹ SGAINK ¹ SKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNPETTP ¹ GGRALKFYS ¹	217
¹ VVVD ¹ SVAAALVPRAEIEGEMGD ¹ AHVGLQAR ¹ MSQALRKL ¹ SGTINKTKT ¹ IAIFINQ ¹ IREK ¹ VGMV ¹ FGNP ¹ EVTP ¹ GGRALKFYS ¹	219
VVVD ¹ SVAAALTPRAEIEGDMGDSL ¹ PLGLQAR ¹ MSQALRKL ¹ TAILSKTG ¹ TAAIFINQ ¹ VREK ¹ IGVMV ¹ YGNPETTT ¹ TGGRALKFYA ¹	231
VVVD ¹ SVAAALTPKAEIEGDMGDQ ¹ HVGLQAR ¹ MSQALRKL ¹ TGIVHKMNT ¹ TVIFINQ ¹ IRMK ¹ IGMVG ¹ YGPETTT ¹ TGGRALKFYA ¹	219
VVVD ¹ SVAAALTPKAEIEGDMGDQ ¹ HVGLQAR ¹ MSH ¹ ALRKITG ¹ VLHKMNT ¹ TLIFINQ ¹ IRMK ¹ IGMVG ¹ YSPETTT ¹ TGGRALKFYA ¹	221
VVVD ¹ SVAAALTPKAEIEGDMGDQ ¹ HVGLQAR ¹ MSH ¹ ALRKITG ¹ VLHKMNT ¹ TLIFINQ ¹ IRMK ¹ IGMVG ¹ YSPETTT ¹ TGGRALKFYA ¹	221
VVVD ¹ SVAAALTPKAEIEGDMGDS ¹ KMGL ¹ HAR ¹ MSQALRKL ¹ TSSISKTKCTV ¹ IFINQ ¹ IRDK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYA ¹	227
VVVD ¹ SVAAALVPKAEIEGDMGDSHVGLQAR ¹ MSQALRKL ¹ TGHIKKNT ¹ LVVFINQ ¹ IRMK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYS ¹	219
VVVD ¹ SVAAALVPKAEIEGDMGDSHVGLQAR ¹ MSQALRKL ¹ TGHIKKNT ¹ LVVFINQ ¹ IRMK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYS ¹	219
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¹ I ¹ VVD ¹ SVAAALTPKAEIEGEMGD ¹ SHMGLQAR ¹ MSQALRKL ¹ ITGNAKRSNCMVIFINQ ¹ IRMK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYA ¹	218
¹ I ¹ VVD ¹ SVAAALTPKAEIEGEMGD ¹ SHMGLQAR ¹ MSQALRKL ¹ ITGNAKRSNCMVIFINQ ¹ IRMK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYA ¹	218
¹ I ¹ VVD ¹ SVAAALTPKAEIEGEMGD ¹ SHMGLQAR ¹ MSQAMRKL ¹ TGNLKQSNCMCIFINQ ¹ IRMK ¹ IGVMV ¹ FGNPETTT ¹ TGGRALKFYA ¹	218
¹ I ¹ VVD ¹ SVAAALTPKAEIEGEMGD ¹ SHMGLQAR ¹ MSQAMRKL ¹ TGNLKQSNCMCIFINQ ¹ IRMK ¹ IGVMV ¹ FGNPETTT ¹ TGGRALKFYA ¹	218
¹ I ¹ VVD ¹ SVAAALTPKAEIEGEMGD ¹ SHVGLQAR ¹ MSQALRKL ¹ TANIKNANCLVIFINQ ¹ IRMK ¹ IGVMV ¹ FGNPETTT ¹ TGGRALKFYS ¹	218
¹ I ¹ VVD ¹ SVAAALVPKAEIEGEMGD ¹ AHVGLQAR ¹ MSQALRKL ¹ ITGNIKNANCLVIFINQ ¹ IRMK ¹ IGVMV ¹ FGSPETTT ¹ TGGRALKFYA ¹	218

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DEKIGQGSENAKKYLADNPVFAEIDHQRVVRVQFLIDGEEAAE...SKKDE...VAQVDS..VNEEVTLDLGDELEIE	381
DEKIGQGSENAKKYLADNPVFEIDHQRVVRVQFLIDGEEIAE...SKKDE...AAQVDS..VNEEVTLDLGDELEIE	381
GEKIGQGSENAKKFLADNPVFEIDHQRVVRVQGLIEDNTEEEKQSKE...ETDEK..ADKNLVLELDDTIEIE	382
GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNNGIEIE	377
EERLGQGRENAKQFLKENKDIMLMIQEQUIREHYGLDNNGVVQQQAETQEEL.EFE.E.....	348
SERIGQGRENAKNYLADHEDVEDEVRLKVRVRAAYGTSVPPEEDLPTTEDE.QI.NILPDDST.....EE.....	355
DERIGQGKEKTIAYIAERPMEQEIHDRVMAAIRAGNAGEAPALAPAPAPE..A.AEA.....	363
DKKLGGGRENSKAFLENPEIADEITKAIQNSMGTGEMISGSEDDEGEE.....	343
DKKLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME.....	347
DKKLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME.....	347
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GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ.....DETDERPEE.....	348
GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ.....DETDERPEE.....	348
GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQ.....DETDERPEE.....	348
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GTKIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES..D...VEEFSEE..EL.....	372
GNKIGQGGKNNVIRYLEENPQISTEIAVIREQLLTKASDQTAAHDETEEPD..LLES.....	349
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GSKIGQGGKANAAKYILEENPEIAGIEIQQIRAKLLVTSANTKATPVAEDLADA..DI.....	347

logo

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consensus	

-  non conserved
-  similar
-  ≥ 50% conserved