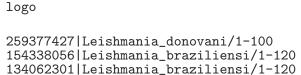
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11022579|Leishmania_major/1-100



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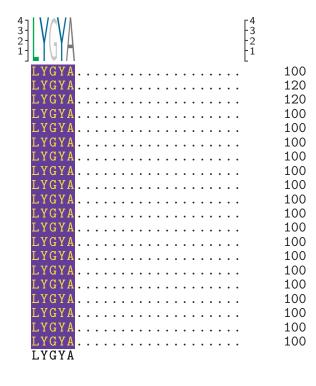
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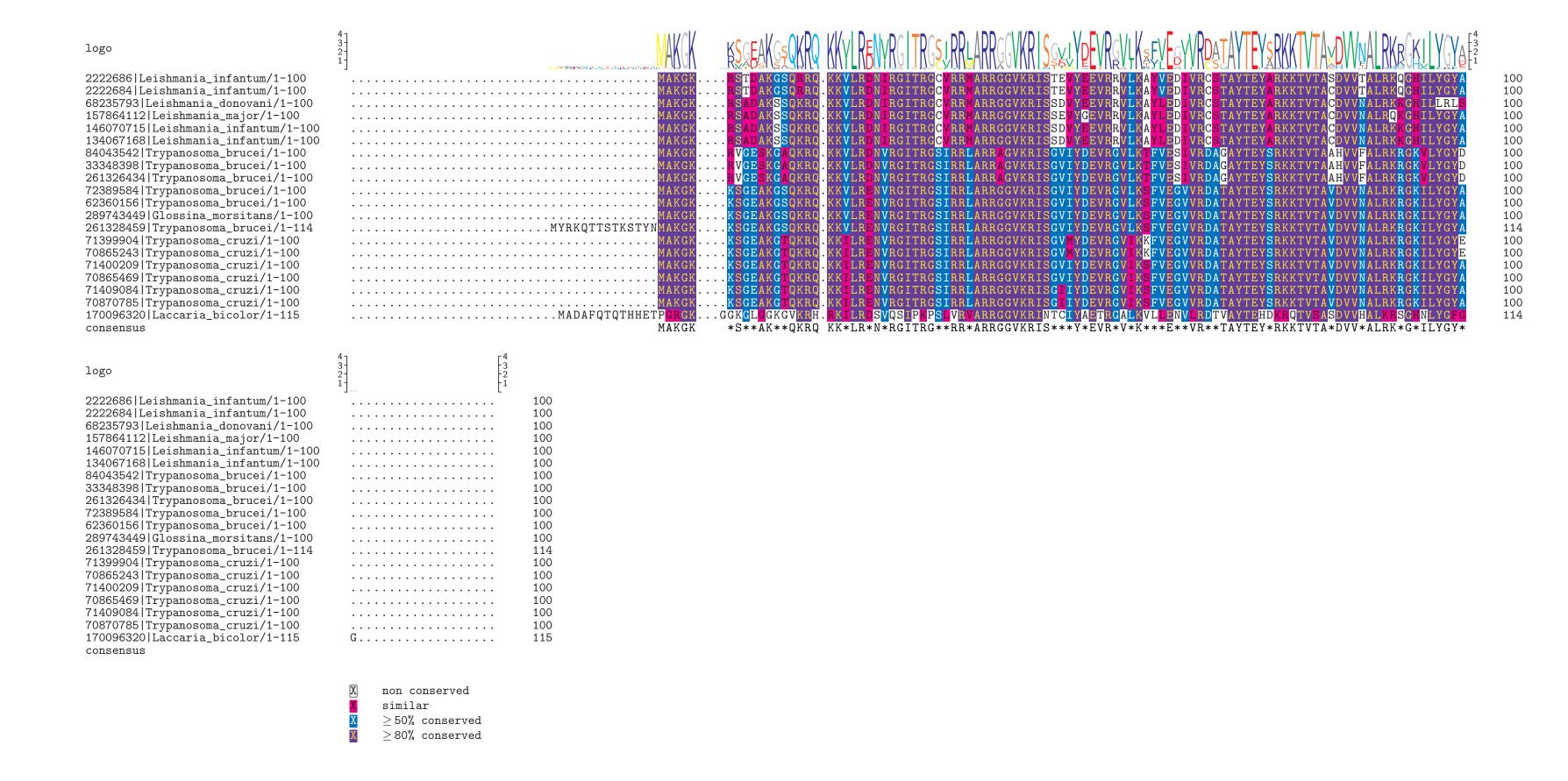
logo

consensus

259377427|Leishmania_donovani/1-100 154338056|Leishmania_braziliensi/1-120 134062301|Leishmania_braziliensi/1-120 154344583|Leishmania_braziliensi/1-100 134065570|Leishmania_braziliensi/1-100 154331404|Leishmania_braziliensi/1-100 134058838|Leishmania_braziliensi/1-100 154331402|Leishmania_braziliensi/1-100 134058837|Leishmania_braziliensi/1-100 154334406|Leishmania_braziliensi/1-100 134060471|Leishmania_braziliensi/1-100 5738233|Leishmania_tarentolae/1-100 146100782|Leishmania_infantum/1-100 134073313|Leishmania_infantum/1-100 146081771|Leishmania_infantum/1-100 68235791|Leishmania_donovani/1-100 134068431|Leishmania_infantum/1-100 157866720 | Leishmania_major/1-100 71745884|Leishmania_major/1-100 11022579|Leishmania_major/1-100 consensus



- non conserved
- similar
- ≥50% conserved >80% conserved

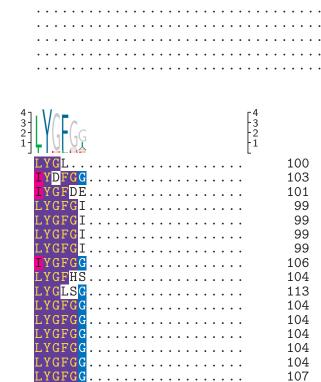




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logo

302833151|Volvox_carteri/1-100 222631869|Oryza_sativa/1-103 156547988 | Nasonia_vitripennis/1-101 159107432|Giardia_lamblia/1-99 6006741|Giardia_intestinalis/1-99 253746255|Giardia_intestinalis/1-99 308158292|Giardia_lamblia/1-99 190702301|Glyptapanteles_flavico/1-106 281204874|Polysphondylium_pallid/1-104 291385835|Oryctolagus_cuniculus/1-113 51317326|Sterkiella_nova/1-104 51317327|Stylonychia_lemnae/1-104 21779951|Sterkiella_histriomusco/1-104 21779954|Pleurotricha_lanceolata/1-104 21779960|Stylonychia_mytilus/1-104 20141289 | Moneuplotes_crassus/1-107 21779945 | Euplotes_aediculatus / 1-107 15430617 | Paramecium_caudatum/1-102 145479773|Paramecium_tetraurelia/1-102 124392981 Paramecium_tetraurelia/1-102 consensus



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non conserved

similar $\geq 50\%$ cons

LYGFG*

 \geq 50% conserved \geq 80% conserved

TKPAIRRLARRGGVKRIS<mark>SLI</mark>Y<mark>EETRN</mark>VL

TKPAIRRLARRGGVKRISSL<mark>V</mark>YEETRAVLKG TKPAIRRLARRGGVKRISSLVYEETRAVLKG TKPAIRRLARRGGVKRISS<mark>FLYDDS</mark>RNVLKS

GKG*GK***KRH*** ***** GITKPAIRRLARRGGVKRIS***Y***R VL* FLE*V*RD**TYTEH**RKTVT**DVVYALKRQGRT

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<mark>RS</mark>FLENV<mark>IRDSV</mark>TYTEHA<mark>K</mark>RKTVTA<mark>L</mark>DVVYALKRQGF

<mark>RS</mark>FLENVIRDS<mark>V</mark>TYTEHA<mark>K</mark>RKTVT<mark>AL</mark>DVVYALKRQGI

LE<mark>NVIRDSV</mark>TYTEH<mark>AK</mark>RKTVT<mark>AL</mark>DVVYALKRQG

FLE<mark>S</mark>VIRDS<mark>V</mark>TYTEHAKRKTVTALDVVYALKRQGK FLENVIRDSVTYTEHAKRKTVTALDVVYALKRQGK FLENVIRD<mark>AI</mark>TYTEHARRKTVT<mark>VM</mark>DVVY**S**LKRQGR

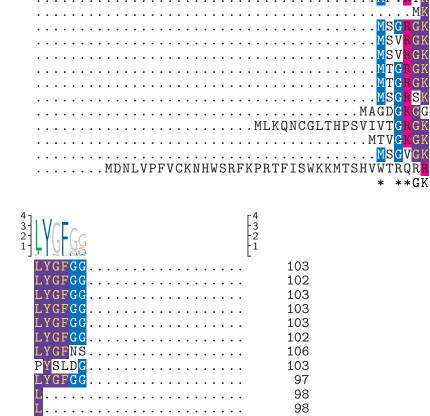


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logo

consensus

51317342|Tetrahymena_pyriformis/1-103 352679|Tetrahymena_pyriformis/1-102 118366755|Tetrahymena_thermophil/1-103 59799578|Tetrahymena_pyriformis/1-103 89298360|Tetrahymena_thermophila/1-103 223273|Tetrahymena_sp./1-102 281211368|Polysphondylium_pallid/1-106 294900087|Perkinsus_marinus/1-103 194779418|Drosophila_ananassae/1-97 297677375|Pongo_abelii/1-98 4504319|Homo_sapiens/1-98 55627896 | Pan_troglodytes/1-98 290994346|Naegleria_gruberi/1-103 284093411|Naegleria_gruberi/1-103 291407310|Oryctolagus_cuniculus/1-103 190702440|Glyptapanteles_indiens/1-106 193664731 | Acyrthosiphon_pisum/1-117 162606014|Guillardia_theta/1-104 292615682|Danio_rerio/1-94 194672961|Bos_taurus/1-132



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non conserved

YGFGY......

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TKPAIRRLARRGGVKRI

ITKPAIRRLARRGGVKRIS<mark>SF</mark>IY<mark>I</mark>

KVGAKRH.RKVLKDYIYGITKPAIRRLARRGGVKRISFPIYEE<mark>I</mark>RNVLRQFLEHVIRDSVAYTEHANRRTVTAMDVVYALKK KGG<mark>S</mark>KPH.RKVLRDNIHGITKPAIRRLARRGGVKRISGLIHEETRGVLKVFLESVITAAVANTEHAGRRTVTALDVVFALER RWKVRKV..SQVCGYIQ.VYKPAIRRLARRGGVKRISGLIYEETRGVLKVFLENVIRDAVTYTEHAKRKTVTAMDVVYALKR

*GK**GK G*K*H ******* GITKPAIRRLARRGGVKRIS**IY***R VLK*FLENV**DAVTYTEHA*RKTVTAMDVVY*LKRQGRT

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'LENV<mark>V</mark>RDAVTYTEHA<mark>R</mark>RKTVTAMDVVY<mark>A</mark>LKRQG 'LENV<mark>VR</mark>DAVTYTEHA<mark>R</mark>RKTVTAMDVVY<mark>A</mark>LKRQG

LK<mark>V</mark>FL<mark>T</mark>NV<mark>IR</mark>DAVTYTEHA<mark>K</mark>RKTVTA<mark>I</mark>DVVY<mark>A</mark>LKRQGF

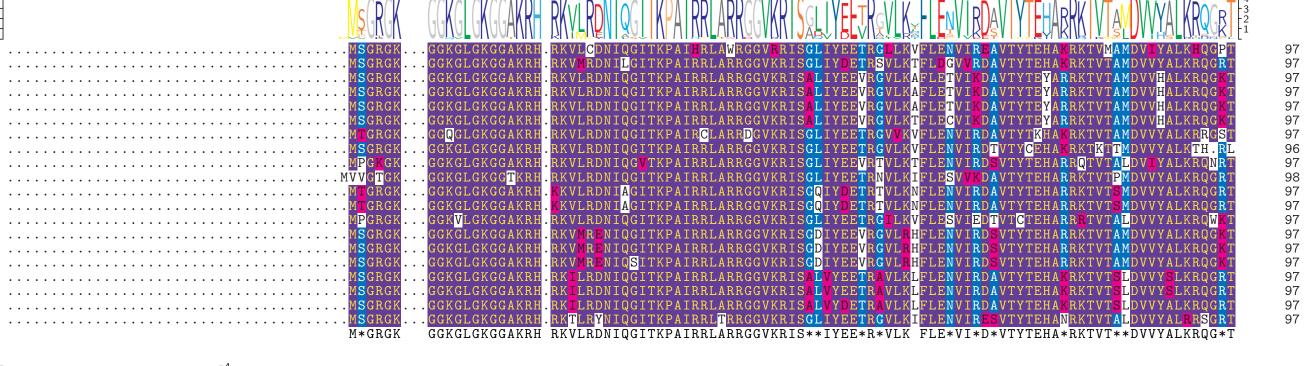
.K<mark>V</mark>FLENVIRDAVTYTEHA<mark>K</mark>WKTVTAT

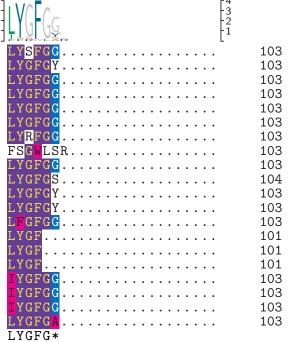
logo

291397168|Oryctolagus_cuniculus/1-103 300120449|Blastocystis_hominis/1-103 66361758 | Cryptosporidium_parvum/1-103 67624013 | Cryptosporidium_hominis/1-103 54659467 | Cryptosporidium_hominis/1-103 209882272 | Cryptosporidium_muris/1-103 156552551 Nasonia_vitripennis/1-103 115741214|Strongylocentrotus_pur/1-103 159480384 | Chlamydomonas_reinhard/1-103 160331031|Hemiselmis_andersenii/1-104 290977395|Naegleria_gruberi/1-103 284084992|Naegleria_gruberi/1-103 294879367 | Perkinsus_marinus/1-103 123431577 | Trichomonas_vaginalis/1-101 1360628|Trichomonas_vaginalis/1-101 123469493|Trichomonas_vaginalis/1-101 19112358|Schizosaccharomyces_pom/1-103 122103|Schizosaccharomyces_pombe/1-103 213401635|Schizosaccharomyces_ja/1-103 170105463|Laccaria_bicolor/1-103 consensus

logo

291397168|Oryctolagus_cuniculus/1-103 300120449|Blastocystis_hominis/1-103 66361758 | Cryptosporidium_parvum/1-103 67624013 | Cryptosporidium_hominis/1-103 54659467 | Cryptosporidium_hominis/1-103 209882272 | Cryptosporidium_muris/1-103 156552551 Nasonia_vitripennis/1-103 115741214|Strongylocentrotus_pur/1-103 159480384 | Chlamydomonas_reinhard/1-103 160331031|Hemiselmis_andersenii/1-104 290977395|Naegleria_gruberi/1-103 284084992|Naegleria_gruberi/1-103 294879367|Perkinsus_marinus/1-103 123431577|Trichomonas_vaginalis/1-101 1360628|Trichomonas_vaginalis/1-101 123469493 | Trichomonas_vaginalis/1-101 19112358|Schizosaccharomyces_pom/1-103 122103|Schizosaccharomyces_pombe/1-103 213401635|Schizosaccharomyces_ja/1-103 170105463|Laccaria_bicolor/1-103 consensus

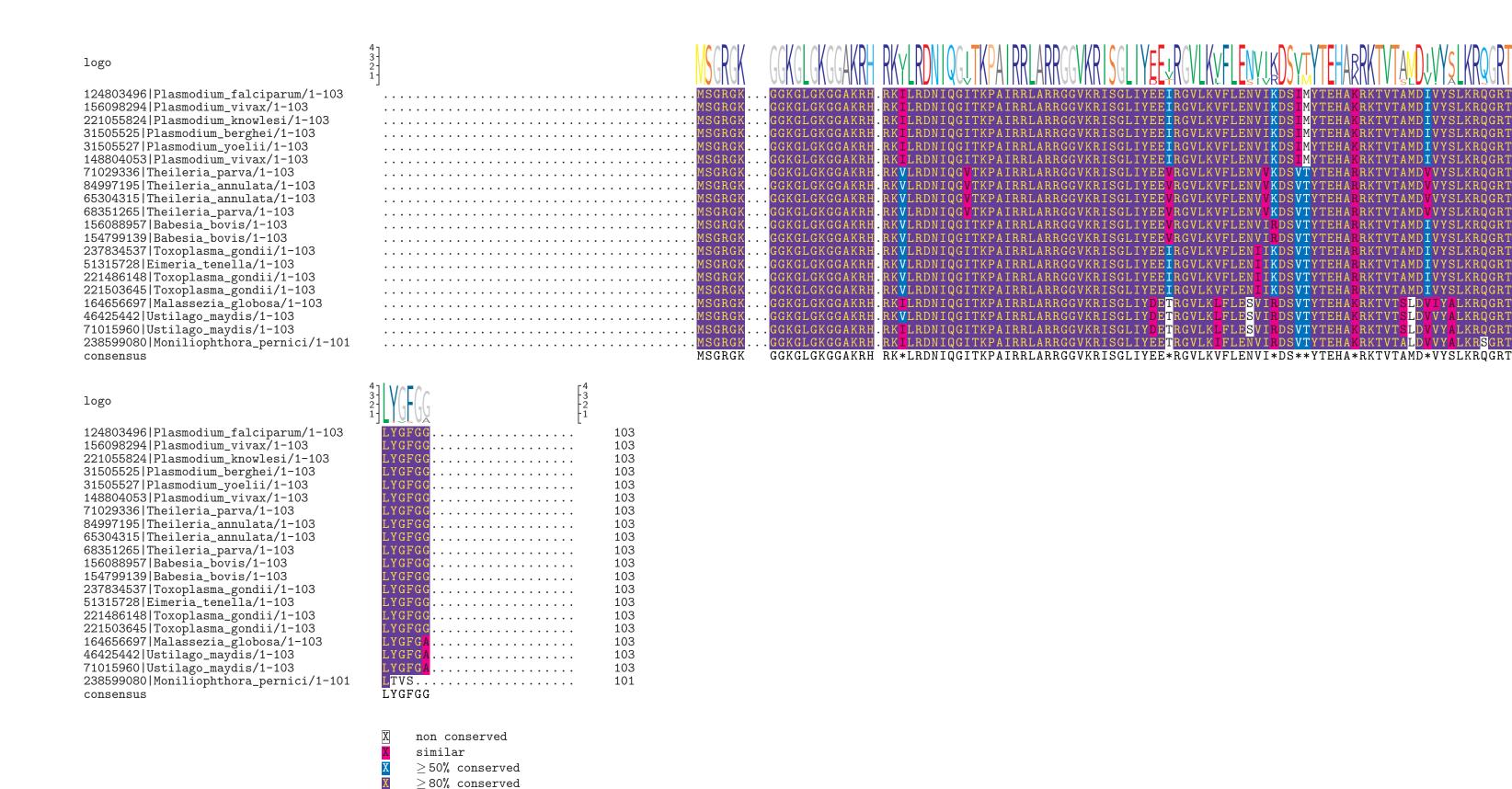




non conserved

similar

≥50% conserved ≥80% conserved

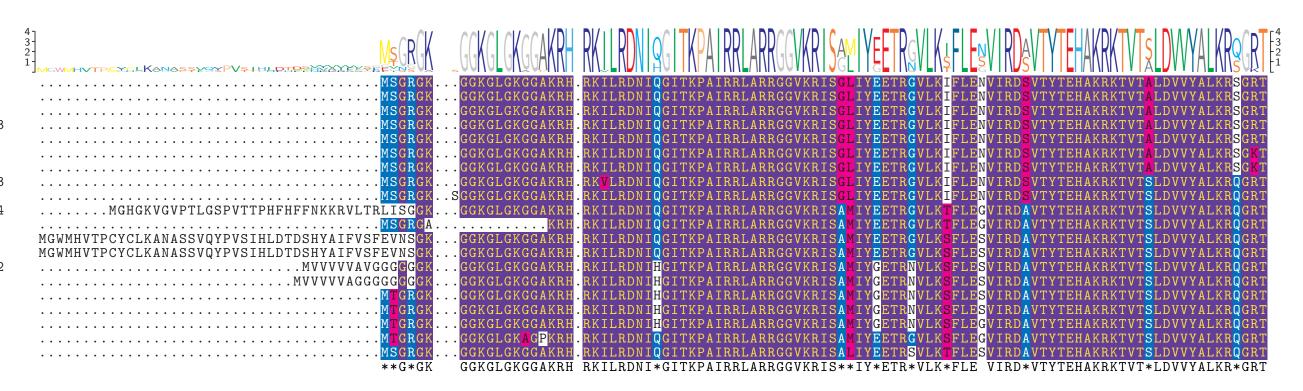




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logo

169849973 | Coprinopsis_cinerea/1-103 170104900|Laccaria_bicolor/1-103 242215563|Postia_placenta/1-103 51317328|Phanerochaete_chrysospo/1-103 51317329 | Agaricus_bisporus / 1-103 194332771 | Xenopus_(Silurana) / 1-103 302687218|Schizophyllum_commune/1-103 134109925 | Cryptococcus_neoforman/1-103 309297845|Puccinia_graminis/1-104 255941512|Penicillium_chrysogenu/1-134 67516905|Aspergillus_nidulans/1-93 146322992|Aspergillus_fumigatus/1-142 159129776 | Aspergillus_fumigatus/1-142 302664161|Trichophyton_verrucosu/1-112 302502078 Arthroderma_benhamiae/1-113 296812193 | Arthroderma_otae/1-103 311340222|Arthroderma_gypseum/1-103 311345859 Arthroderma_gypseum/1-103 58257417 | Magnaporthe_grisea/1-103 51315725 | Arxula_adeninivorans/1-103 consensus



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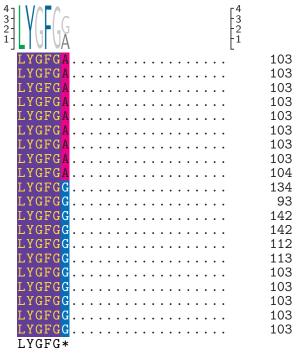
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non conserved similar

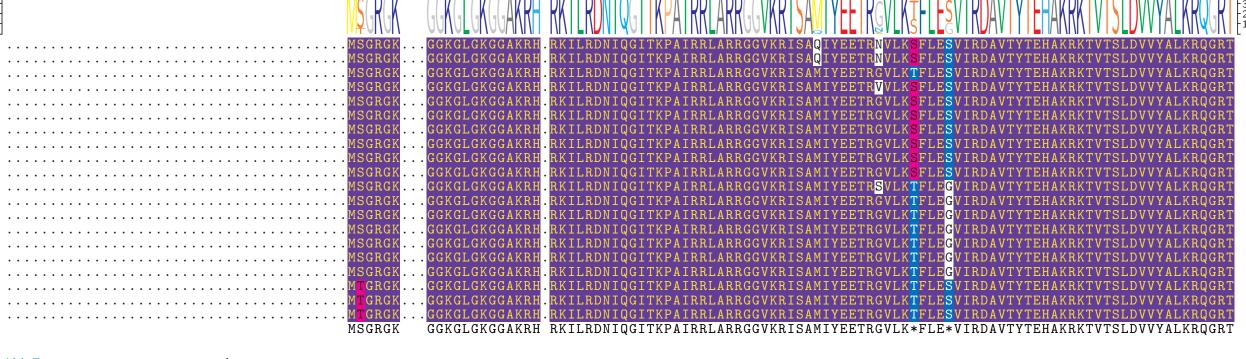
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logo

50548501|Yarrowia_lipolytica/1-103 49647587|Yarrowia_lipolytica/1-103 255933175|Penicillium_chrysogenu/1-103 258565241|Uncinocarpus_reesii/1-103 67523941|Aspergillus_nidulans/1-103 169774419|Aspergillus_oryzae/1-103 212537025|Penicillium_marneffei/1-103 238497043|Aspergillus_flavus/1-103 122094 | Emericella_nidulans/1-103 83769540|Aspergillus_oryzae/1-103 258563390|Uncinocarpus_reesii/1-103 169763210 | Aspergillus_oryzae/1-103 212531987 | Penicillium_marneffei/1-103 238489089|Aspergillus_flavus/1-103 122092|Emericella_nidulans/1-103 51315720|Aspergillus_oryzae/1-103 259488986 | Aspergillus_nidulans/1-103 169623333|Phaeosphaeria_nodorum/1-103 189192066 | Pyrenophora_tritici-re/1-103 311327290|Pyrenophora_teres/1-103 consensus



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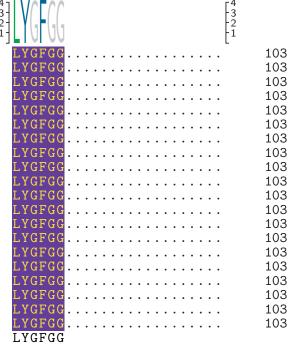
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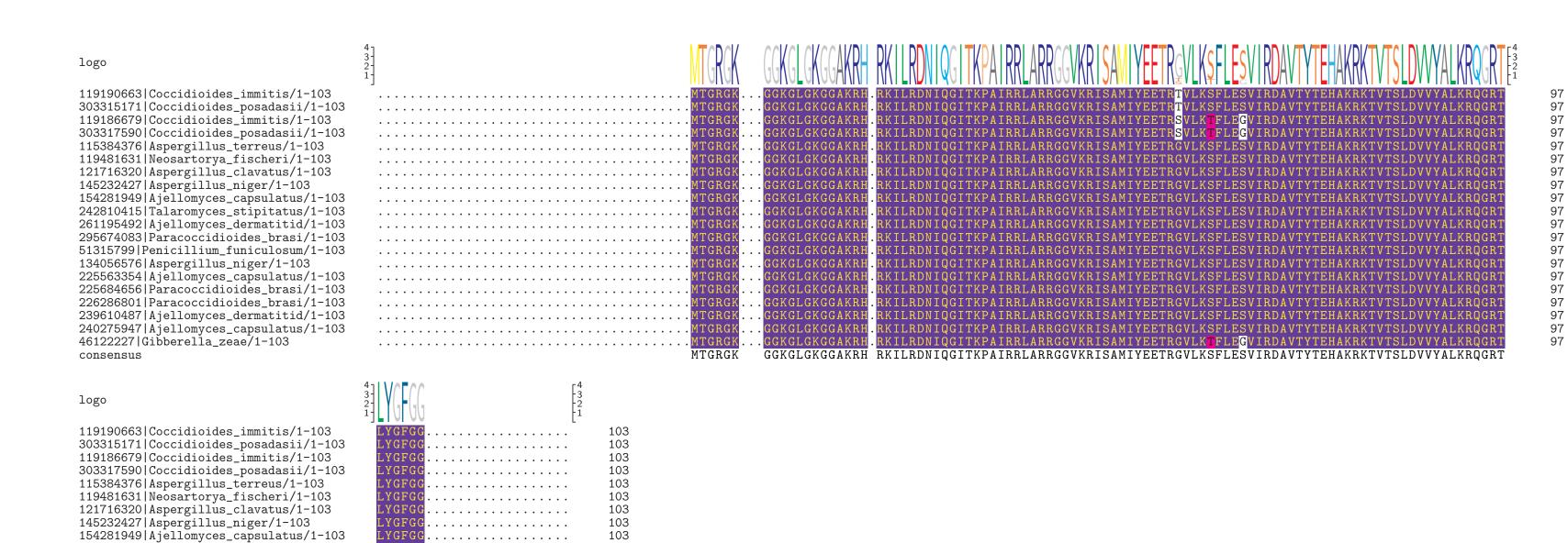
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non conserved

similar

≥50% conserved \geq 80% conserved



non conserved similar $\geq 50\%$ conserved $\geq 80\%$ conserved

LYGFGG

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242810415|Talaromyces_stipitatus/1-103

261195492|Ajellomyces_dermatitid/1-103

295674083|Paracoccidioides_brasi/1-103

51315799 | Penicillium_funiculosum/1-103

225563354|Ajellomyces_capsulatus/1-103

225684656|Paracoccidioides_brasi/1-103

226286801|Paracoccidioides_brasi/1-103

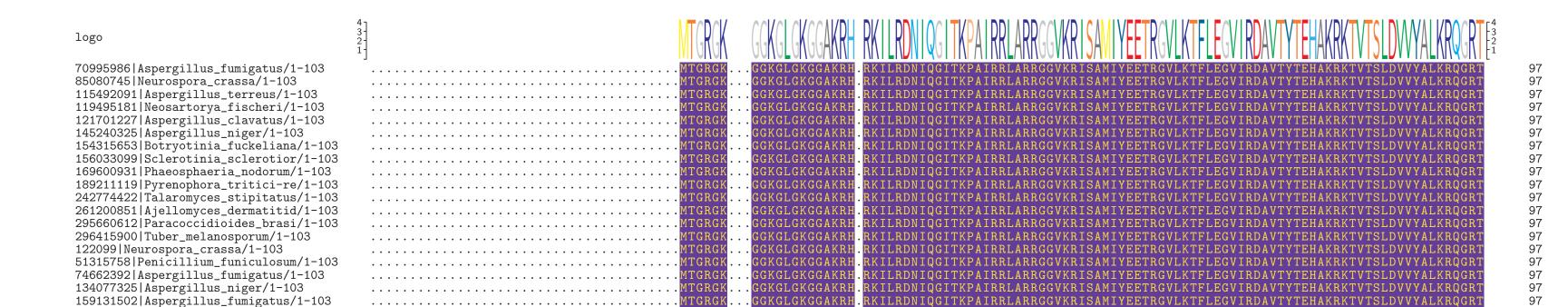
239610487 | Ajellomyces_dermatitid/1-103

240275947 | Ajellomyces_capsulatus/1-103

134056576 | Aspergillus_niger/1-103

46122227|Gibberella_zeae/1-103

consensus



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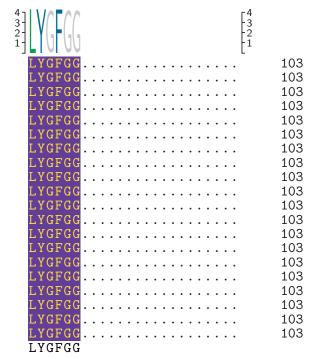
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logo

consensus

70995986 | Aspergillus_fumigatus/1-103 85080745|Neurospora_crassa/1-103 115492091 | Aspergillus_terreus/1-103 119495181 | Neosartorya_fischeri/1-103 121701227 | Aspergillus_clavatus/1-103 145240325|Aspergillus_niger/1-103 154315653|Botryotinia_fuckeliana/1-103 156033099|Sclerotinia_sclerotior/1-103 169600931 | Phaeosphaeria_nodorum/1-103 189211119 | Pyrenophora_tritici-re/1-103 242774422|Talaromyces_stipitatus/1-103 261200851|Ajellomyces_dermatitid/1-103 295660612 Paracoccidioides_brasi/1-103 296415900|Tuber_melanosporum/1-103 122099|Neurospora_crassa/1-103 51315758 | Penicillium_funiculosum/1-103 74662392|Aspergillus_fumigatus/1-103 134077325|Aspergillus_niger/1-103 159131502|Aspergillus_fumigatus/1-103 225681900|Paracoccidioides_brasi/1-103 consensus

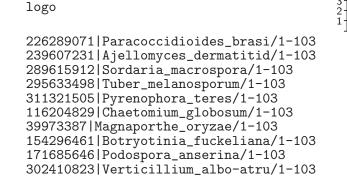
225681900 | Paracoccidioides_brasi/1-103



non conserved

similar

≥50% conserved \geq 80% conserved

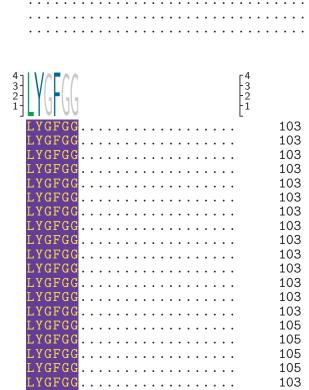


240278755 | Ajellomyces_capsulatus/1-103 310789503 Glomerella_graminicola/1-103 50400217 | Mortierella_alpina/1-103 68484793 | Candida_albicans/1-105 241948695 | Candida_dubliniensis/1-105 255721919 | Candida_tropicalis/1-105 238879110 | Candida_albicans/1-105 51701472|Eremothecium_gossypii/1-103 50309471 | Kluyveromyces_lactis/1-103 consensus

225560317|Ajellomyces_capsulatus/1-103

logo

226289071|Paracoccidioides_brasi/1-103 239607231|Ajellomyces_dermatitid/1-103 289615912|Sordaria_macrospora/1-103 295633498|Tuber_melanosporum/1-103 311321505|Pyrenophora_teres/1-103 116204829 | Chaetomium_globosum/1-103 39973387 | Magnaporthe_oryzae/1-103 154296461 | Botryotinia_fuckeliana/1-103 171685646 | Podospora_anserina/1-103 302410823|Verticillium_albo-atru/1-103 225560317|Ajellomyces_capsulatus/1-103 240278755|Ajellomyces_capsulatus/1-103 310789503|Glomerella_graminicola/1-103 50400217 | Mortierella_alpina/1-103 68484793 | Candida_albicans/1-105 241948695 | Candida_dubliniensis/1-105 255721919|Candida_tropicalis/1-105 238879110 | Candida_albicans/1-105 51701472|Eremothecium_gossypii/1-103 50309471|Kluyveromyces_lactis/1-103 consensus



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non conserved

LYGFGG

similar

≥50% conserved \geq 80% conserved

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KGLGKGGAK

KGLGKGGAKI

KGLGKGGAKR

CILRDNIQGITKPAIRRLARRGGVKRIS

CILRDNIQGITKPAIRRLARRGGVKRIS

(ILRDNIQGITKPAI<mark>L</mark>RLARRGGVKRIS

KILRDNIQGITKPAIRRLARRGGVKRISAMIYEE<mark>T</mark>RGVLK<mark>T</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF KILRDNIQGITKPAIRRLARRGGVKRISAMIYEETRGVLKTFLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF KILRDNIQGITKPAIRRLARRGGVKRISAMIYEETRGVLK<mark>T</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF

KILRDNIQGITKPAIRRLARRGGVKRISA<mark>M</mark>IYEE<mark>T</mark>RGVLK<mark>T</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF

KILRDNIQGITKPAIRRLARRGGVKRISAMIYEE**T**RGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQ<mark>D</mark>R KILRDNIQGITKPAIRRLARRGGVKRISAMIYEETRGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGR KILRDNIQGITKPAIRRLARRGGVKRISAMIYEE<mark>T</mark>RGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGR

ILRDNIQGITKPAIRRLARRGGVKRISA**M**IYEE**T**RGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQG

KILRDNIQGITKPAIRRLARRGGVKRISA<mark>M</mark>IYEE<mark>T</mark>R<mark>G</mark>VLK<mark>S</mark>FLE<mark>G</mark>VIRDAVTYTEHAKRKTVTSLD<mark>VVYAL</mark>KRQG

KILRDNIQGITKPAIRRLARRGGVKRISAMIYEE<mark>TRG</mark>VLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF KILRDNIQGITKPAIRRLARRGGVKRISAMIYEETRGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF KILRDNIQGITKPAIRRLARRGGVKRISAMIYEETRGVLK<mark>S</mark>FLEGVIRDAVTYTEHAKRKTVTSLDVVYALKRQGF

ILRDNIQGITKPAIRRLARRGGVKRIS<mark>GL</mark>IYEE**T**RSVLK<mark>V</mark>FLE<mark>N</mark>VIRDAVTYTEHAKRKTVTSLDVVYALKRQG

GGKGLGKGGAKRH RKILRDNIQGITKPAIRRLARRGGVKRISA*IYEE*R*VLK*FLE*VIRDAVTYTEHAKRKTVTSLDVVYALKRQGRT

LENVIRDAVTYTEHAKRKTVTSLDVVYALKRQG

RDAVTYTEHAKRKTVTSLDVVYALKRQ

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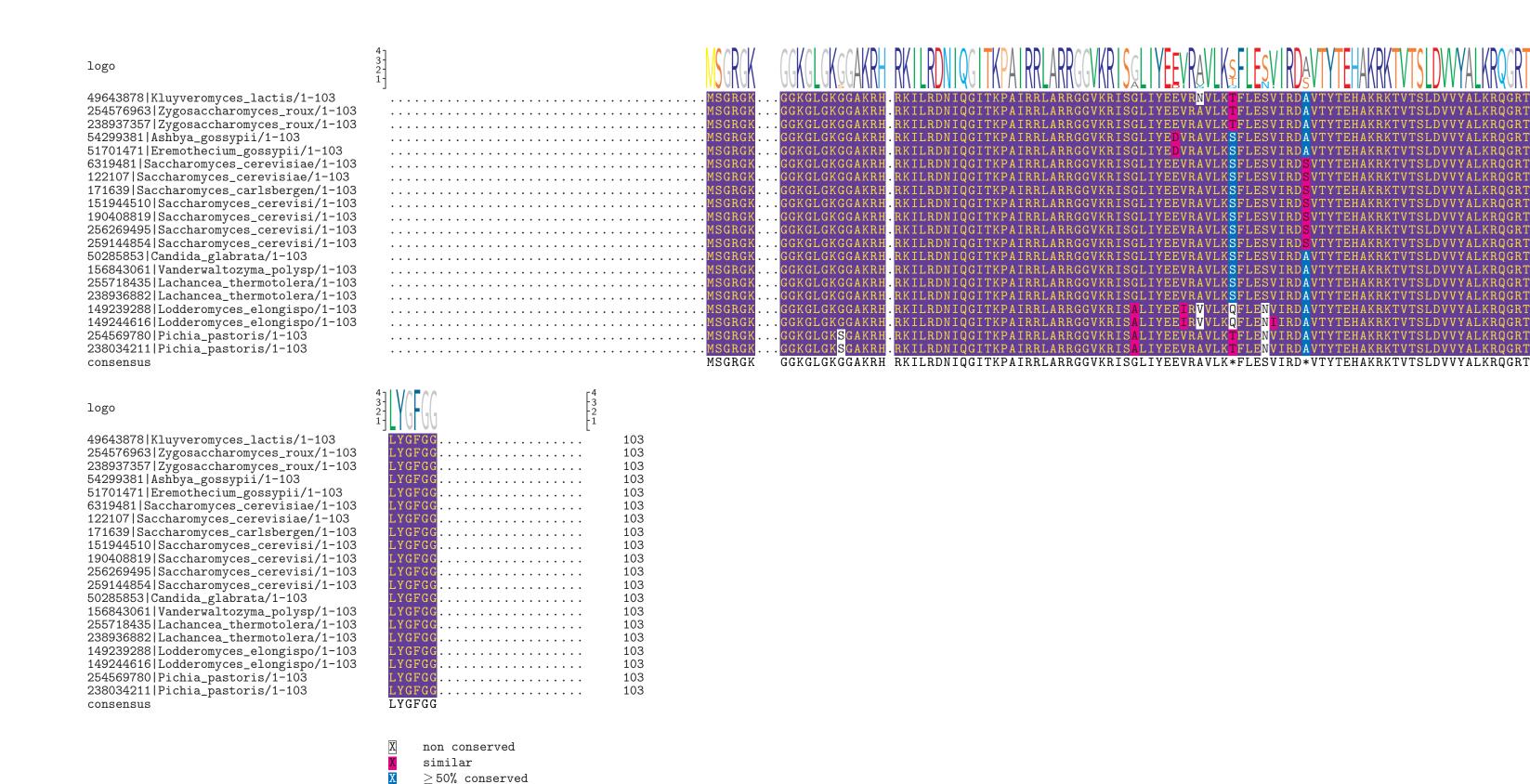
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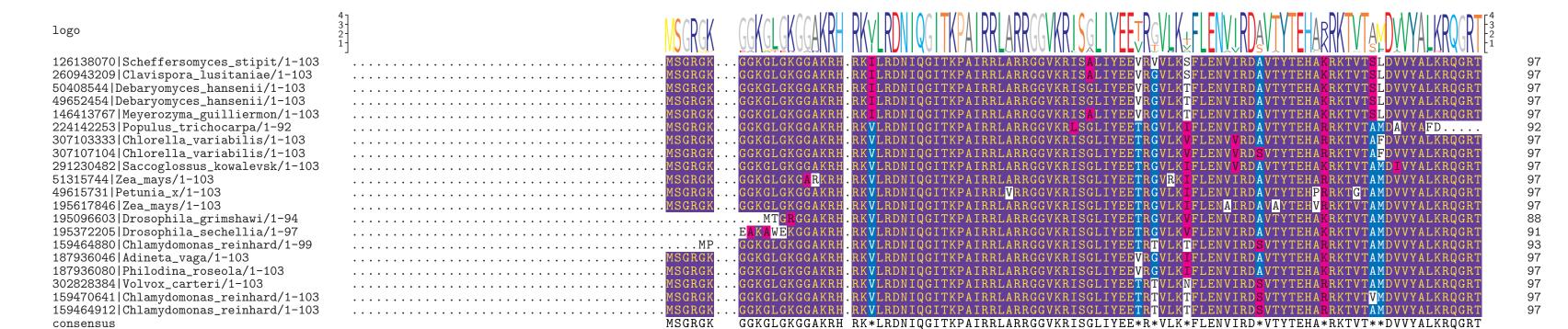
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99 97

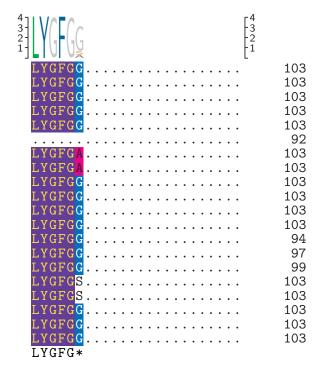


 \geq 80% conserved



logo

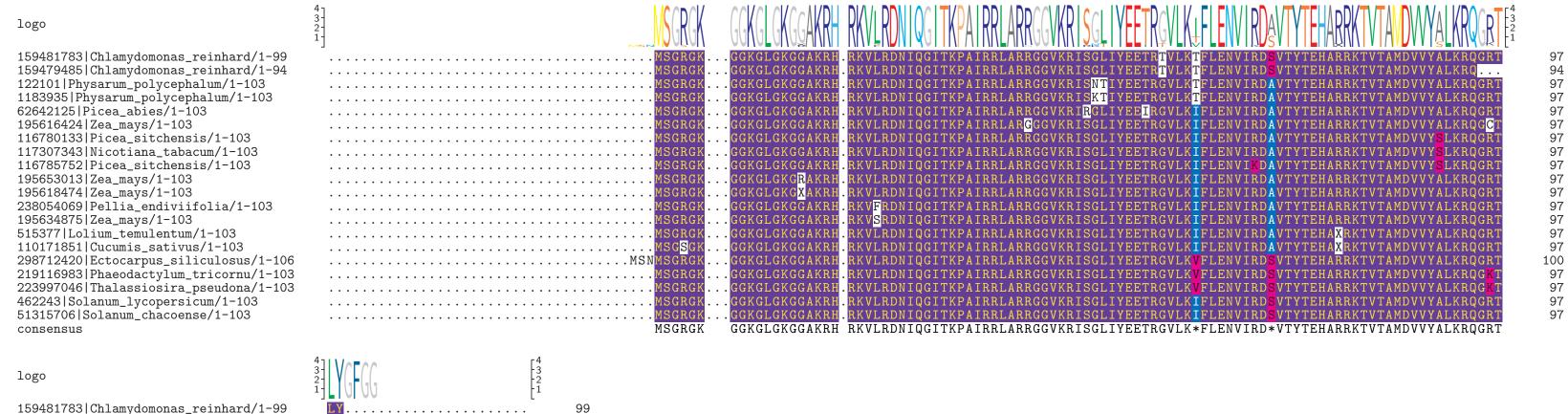
126138070|Scheffersomyces_stipit/1-103 260943209 | Clavispora_lusitaniae/1-103 50408544 | Debaryomyces_hansenii/1-103 49652454 | Debaryomyces_hansenii/1-103 146413767|Meyerozyma_guilliermon/1-103 224142253 | Populus_trichocarpa/1-92 307103333|Chlorella_variabilis/1-103 307107104|Chlorella_variabilis/1-103 291230482|Saccoglossus_kowalevsk/1-103 51315744|Zea_mays/1-103 49615731 | Petunia_x/1-103 195617846 | Zea_mays/1-103 195096603|Drosophila_grimshawi/1-94 195372205|Drosophila_sechellia/1-97 159464880 | Chlamydomonas_reinhard/1-99 187936046 | Adineta_vaga/1-103 187936080|Philodina_roseola/1-103 302828384|Volvox_carteri/1-103 159470641 | Chlamydomonas_reinhard/1-103 159464912|Chlamydomonas_reinhard/1-103 consensus



non conserved

similar

 \geq 50% conserved \geq 80% conserved



LY..... 159479485 | Chlamydomonas_reinhard/1-94 122101|Physarum_polycephalum/1-103 1183935 | Physarum_polycephalum/1-103 103 103 103 116780133 | Picea_sitchensis/1-103 103 117307343|Nicotiana_tabacum/1-103 103 116785752|Picea_sitchensis/1-103 103 103 103 238054069|Pellia_endiviifolia/1-103 103 103 103 103 298712420|Ectocarpus_siliculosus/1-106 106 219116983|Phaeodactylum_tricornu/1-103 103 223997046|Thalassiosira_pseudona/1-103 103 462243|Solanum_lycopersicum/1-103 103 51315706|Solanum_chacoense/1-103 103 LYGFGG

62642125|Picea_abies/1-103

195616424|Zea_mays/1-103

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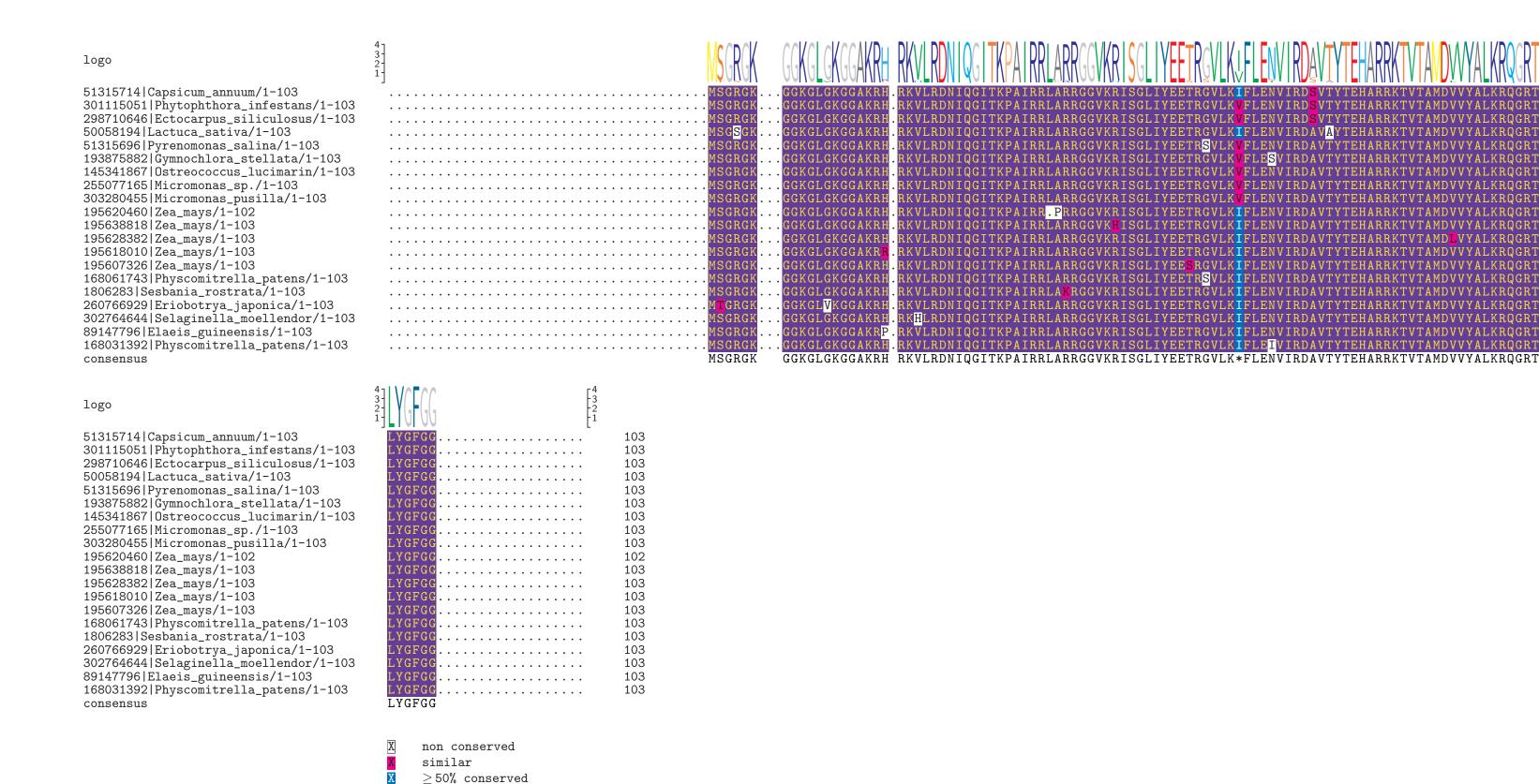
195634875 Zea_mays/1-103

consensus

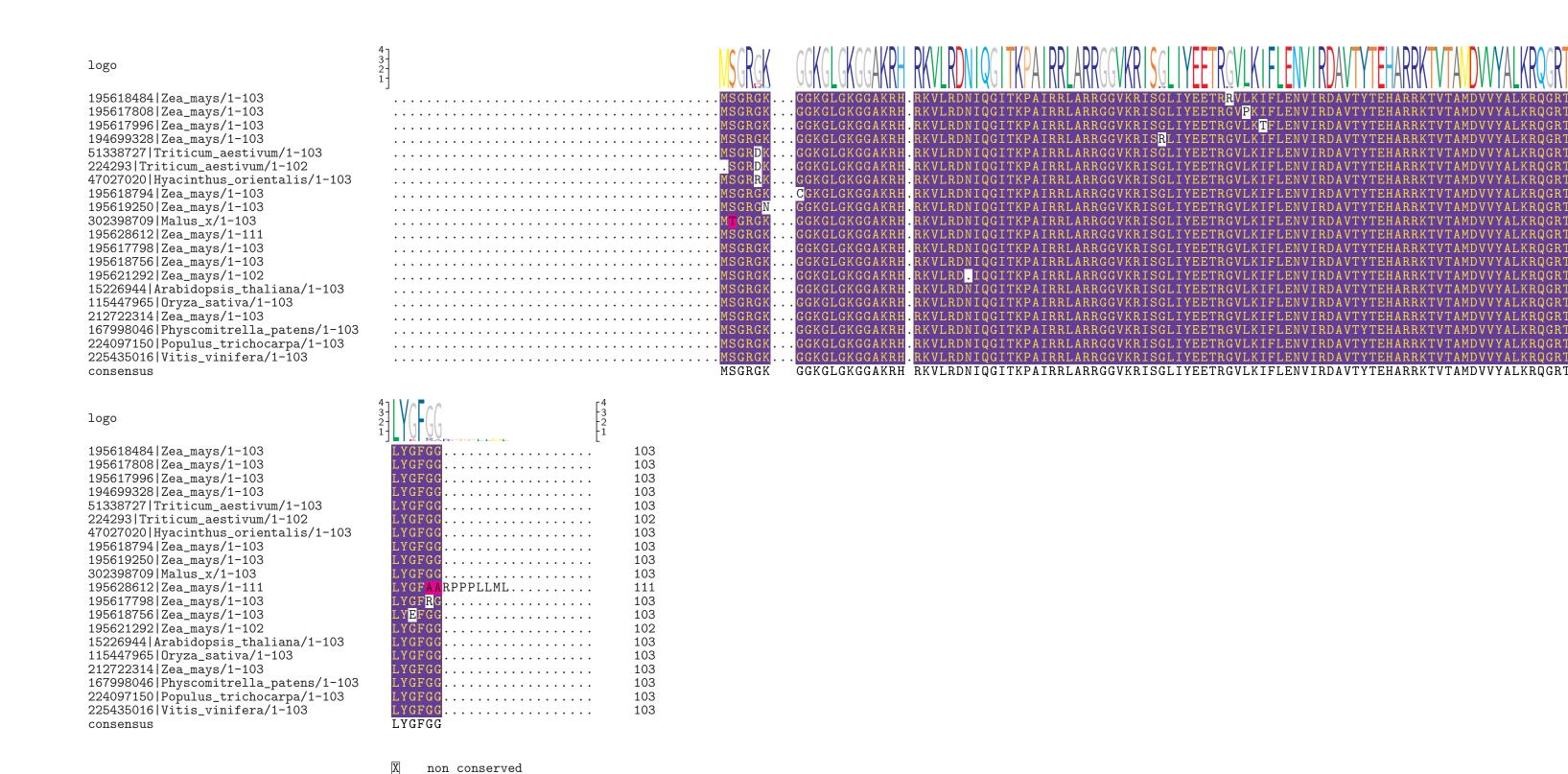
515377 | Lolium_temulentum/1-103

110171851|Cucumis_sativus/1-103

non conserved similar ≥50% conserved ≥80% conserved

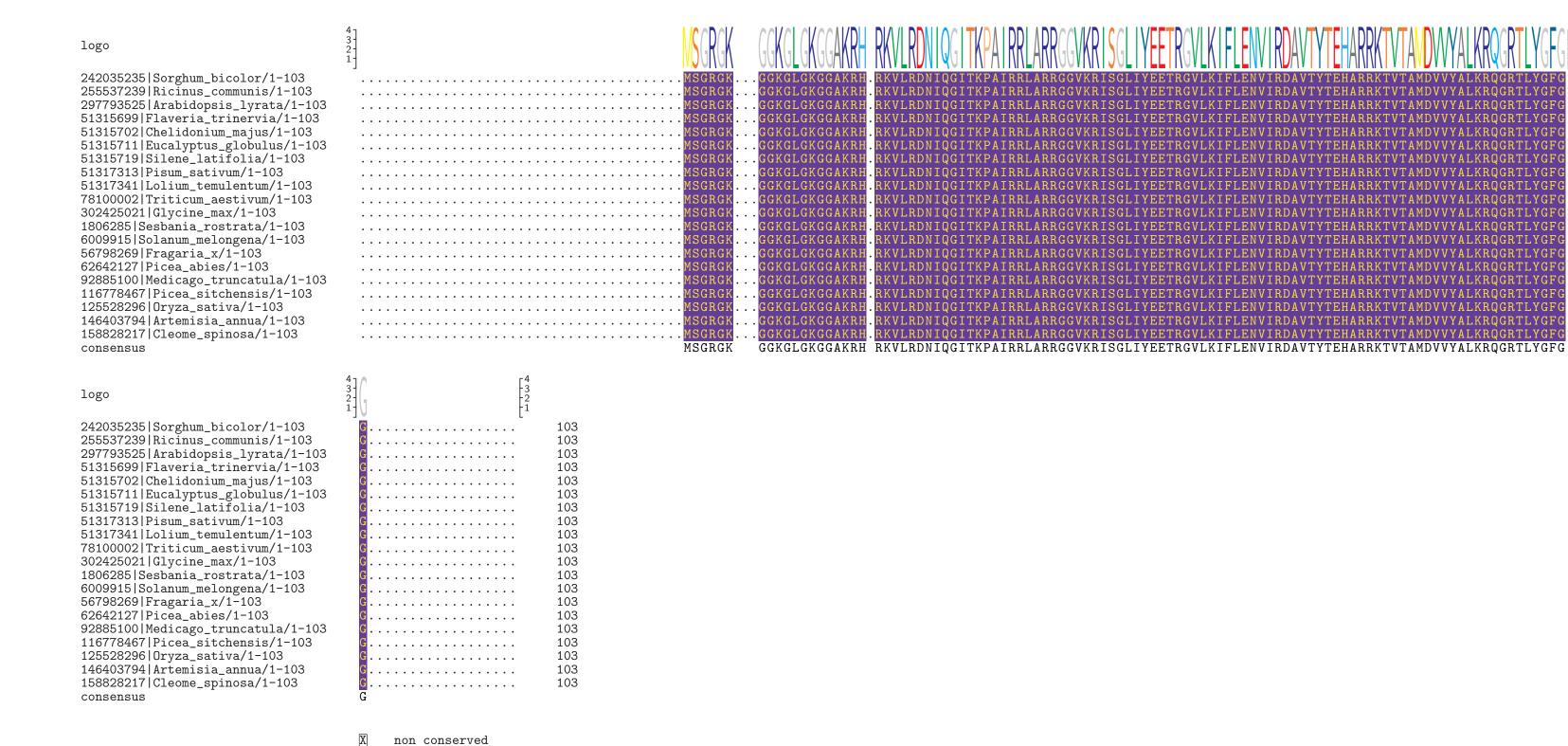


≥80% conserved



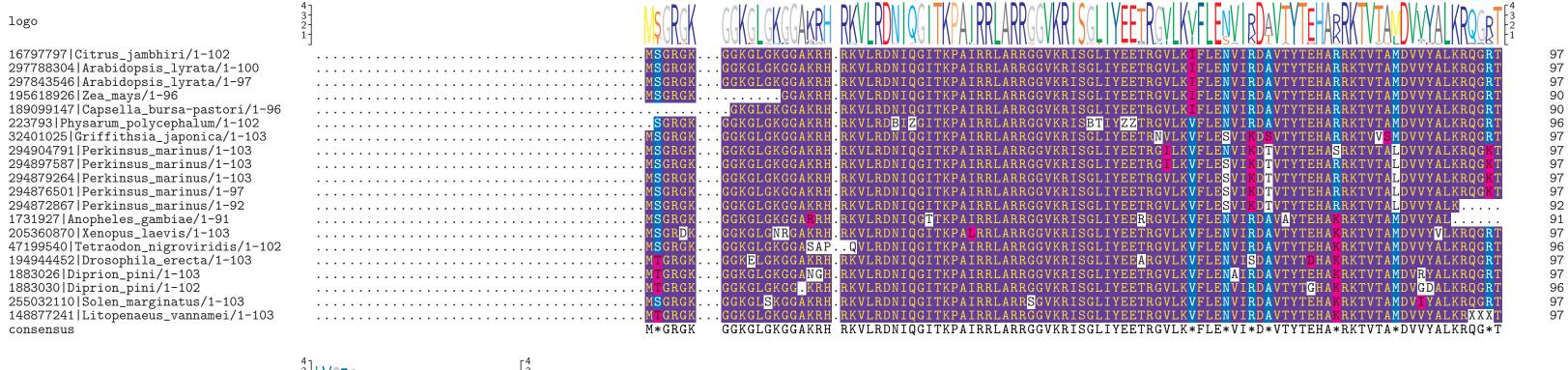
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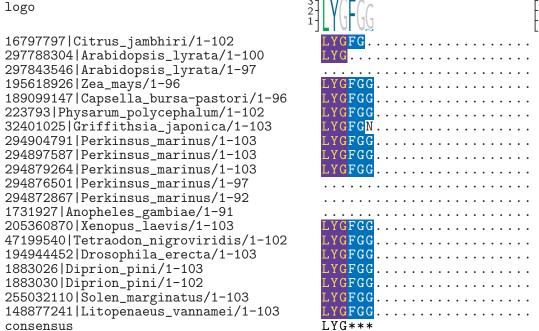
≥50% conserved ≥80% conserved



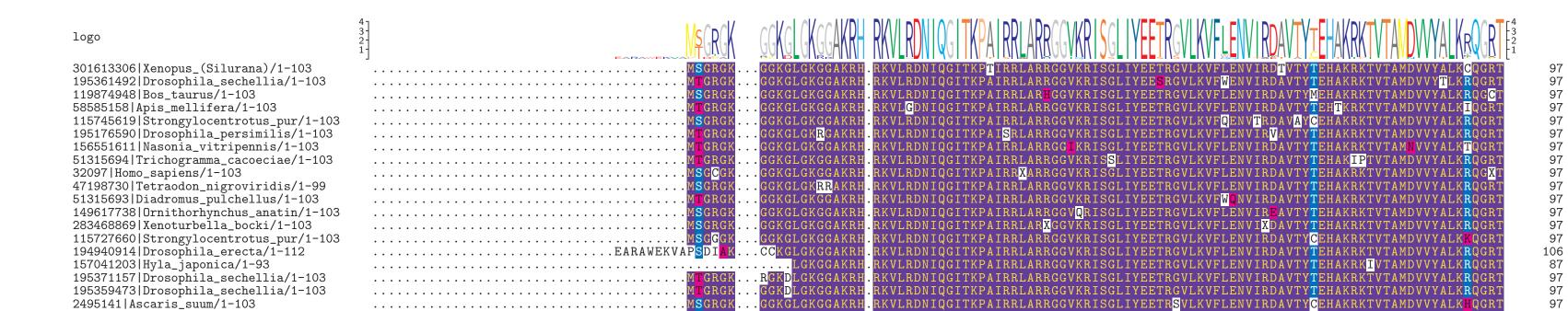
similar

≥ 50% conserved
≥ 80% conserved





non conserved similar $\geq 50\%$ conserved $\geq 80\%$ conserved



97

KVLRDNIQGITKPAIRRLARRGGVKRISGLIYEETR<mark>S</mark>VLKVFLENVIRDAVTY<mark>C</mark>EHAKRKTVTAMDVVYALK**H**QGR

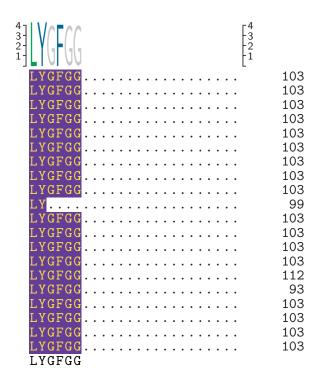
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logo

consensus

301613306|Xenopus_(Silurana)/1-103 195361492|Drosophila_sechellia/1-103 119874948|Bos_taurus/1-103 58585158 | Apis_mellifera/1-103 115745619|Strongylocentrotus_pur/1-103 195176590|Drosophila_persimilis/1-103 156551611|Nasonia_vitripennis/1-103 51315694|Trichogramma_cacoeciae/1-103 32097 | Homo_sapiens/1-103 47198730|Tetraodon_nigroviridis/1-99 51315693|Diadromus_pulchellus/1-103 149617738 Ornithorhynchus_anatin/1-103 283468869 | Xenoturbella_bocki/1-103 115727660|Strongylocentrotus_pur/1-103 194940914|Drosophila_erecta/1-112 157041203|Hyla_japonica/1-93 195371157|Drosophila_sechellia/1-103 195359473|Drosophila_sechellia/1-103 2495141|Ascaris_suum/1-103 1177238|Ascaris_lumbricoides/1-103 consensus

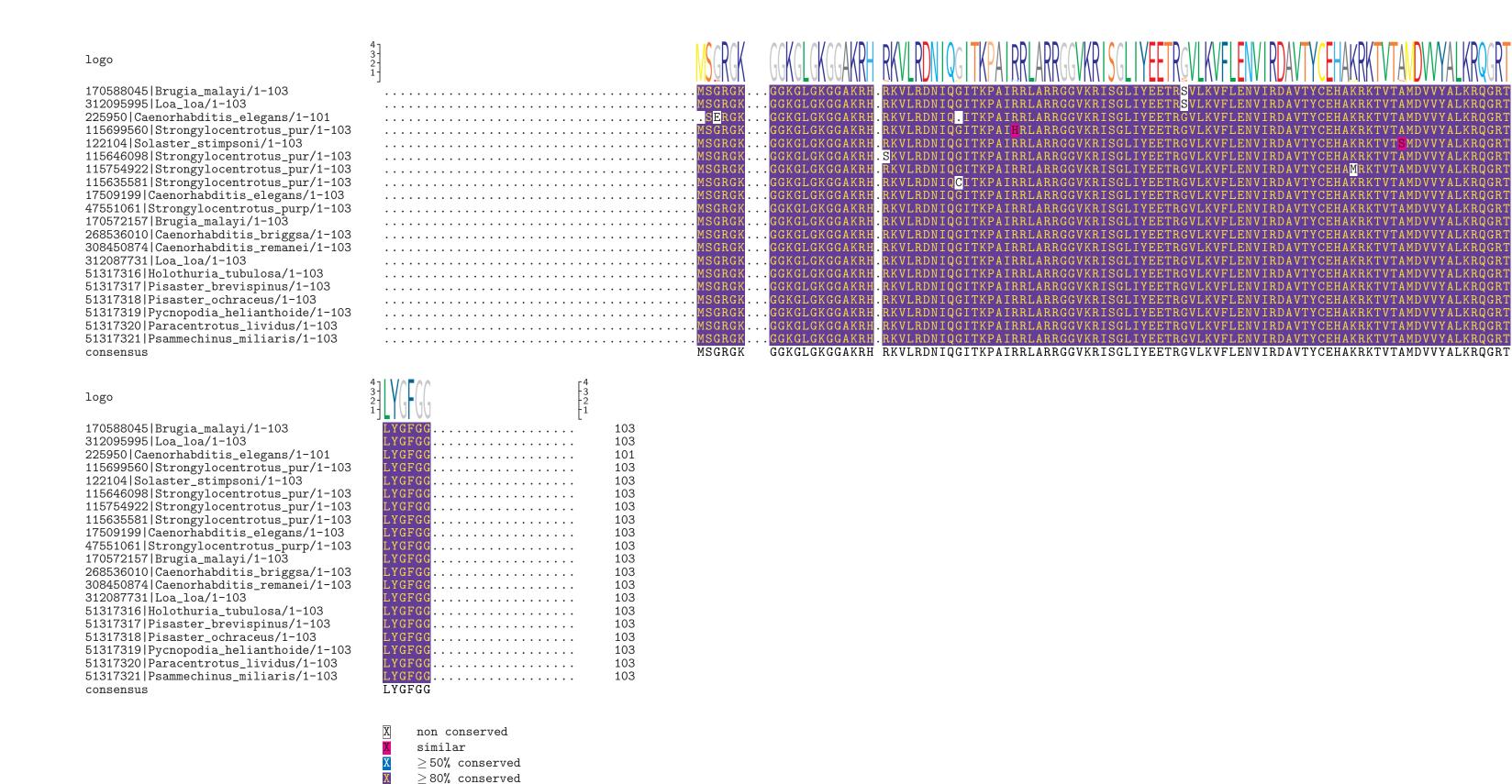
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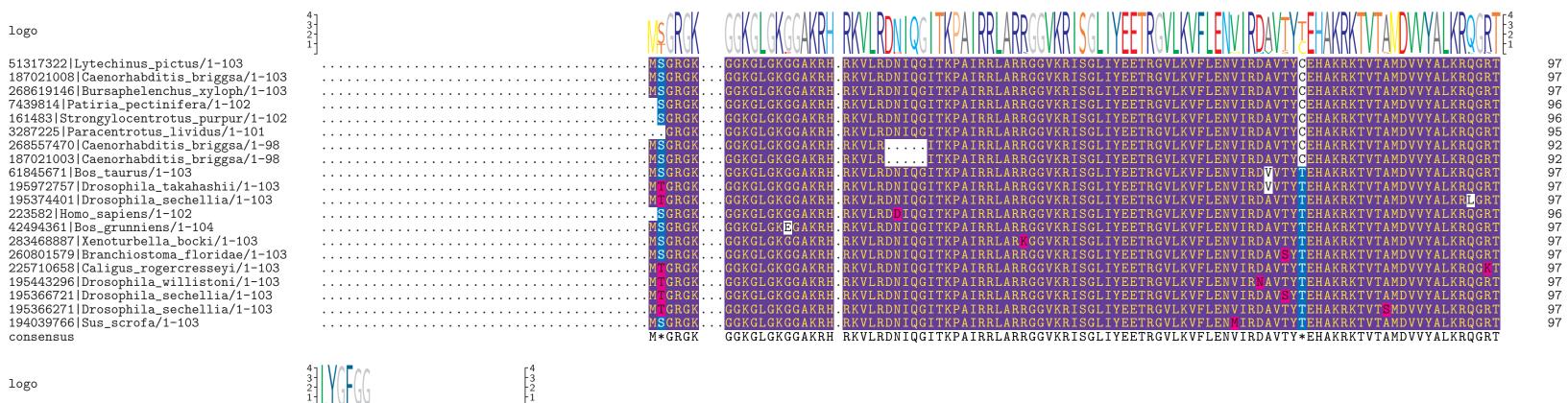


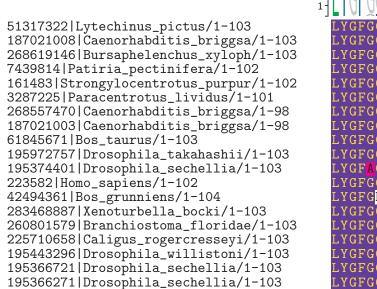
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similar >50% co

≥50% conserved
≥80% conserved

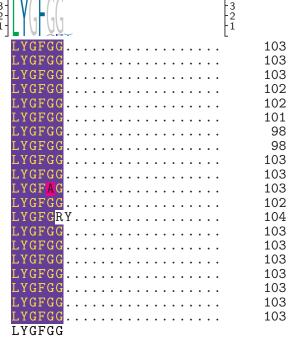




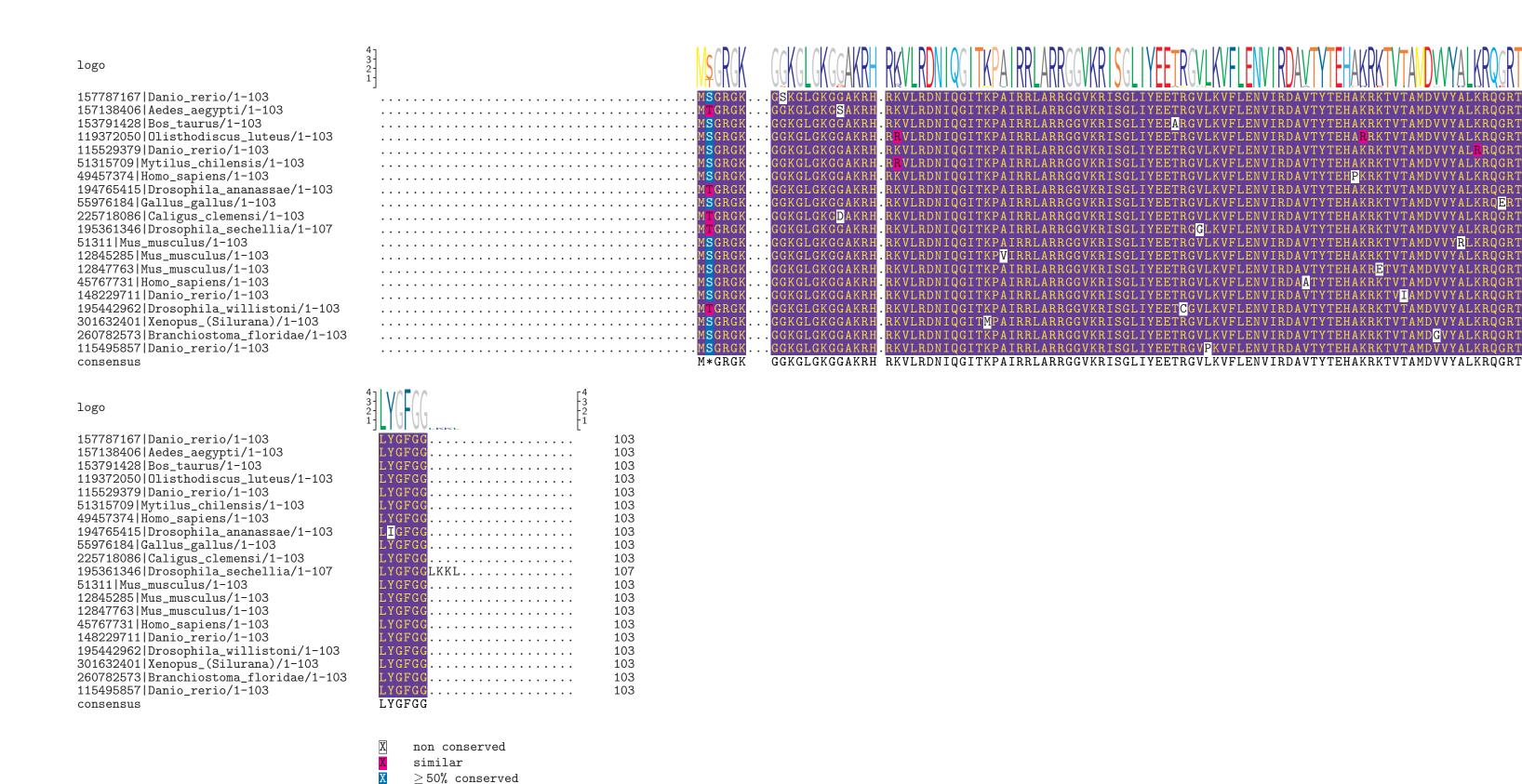


194039766|Sus_scrofa/1-103

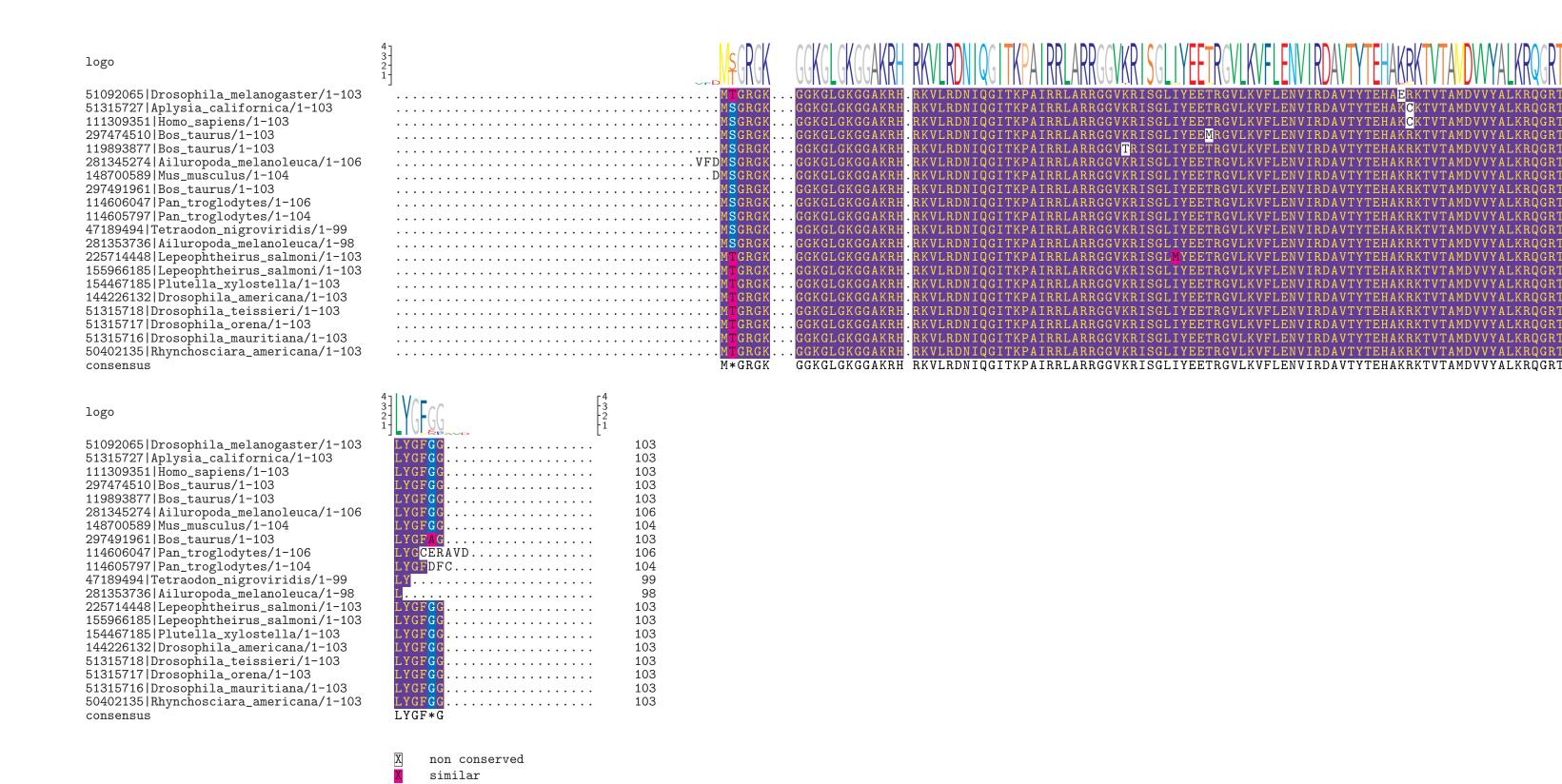
consensus



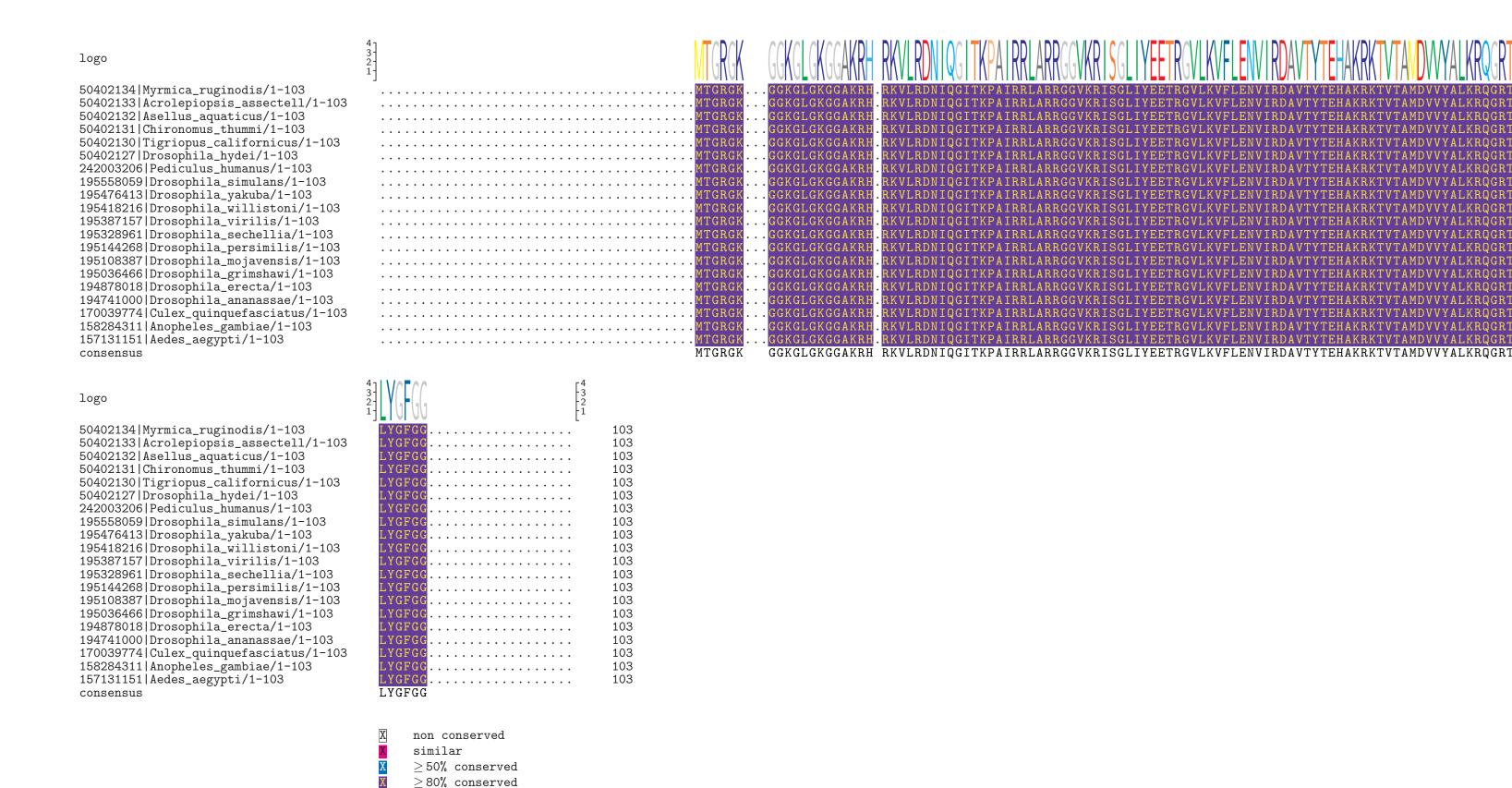
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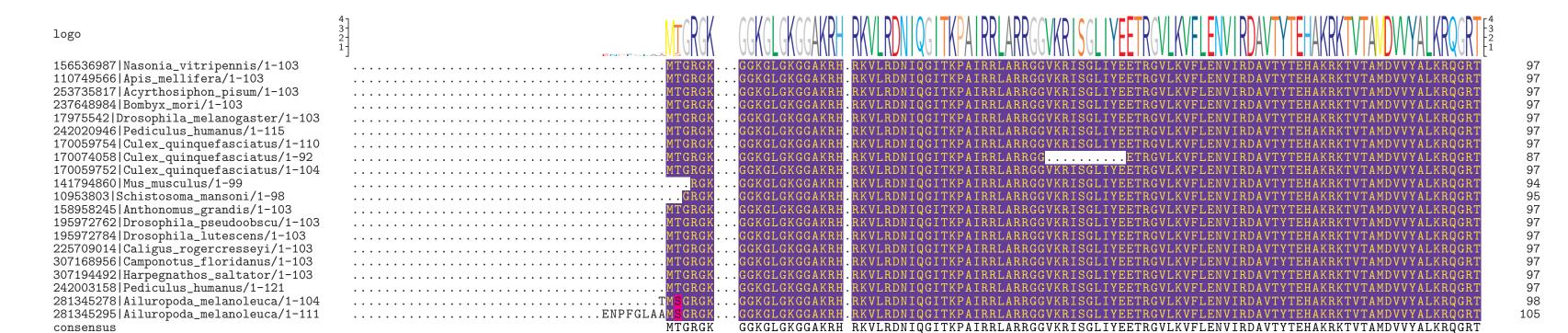


≥80% conserved



 \geq 50% conserved \geq 80% conserved

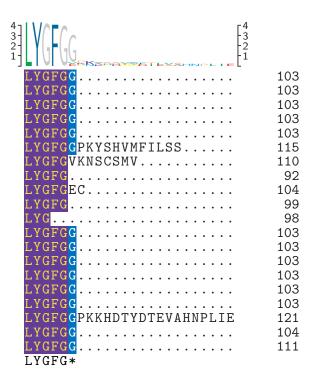




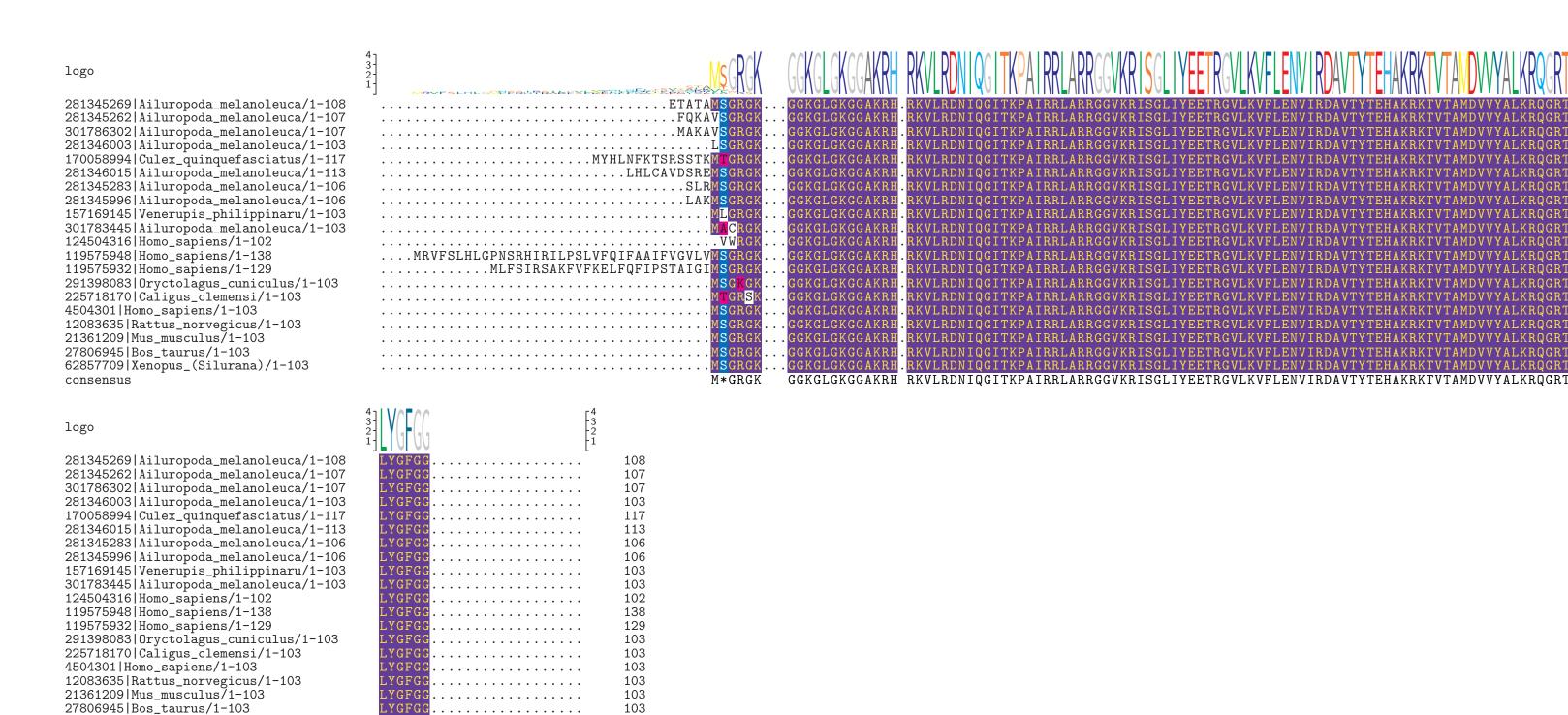
logo

consensus

156536987|Nasonia_vitripennis/1-103 110749566 | Apis_mellifera/1-103 253735817 Acyrthosiphon_pisum/1-103 237648984 | Bombyx_mori/1-103 17975542|Drosophila_melanogaster/1-103 242020946 | Pediculus_humanus/1-115 170059754 | Culex_quinquefasciatus/1-110 170074058|Culex_quinquefasciatus/1-92 170059752|Culex_quinquefasciatus/1-104 141794860|Mus_musculus/1-99 10953803|Schistosoma_mansoni/1-98 158958245 | Anthonomus_grandis/1-103 195972762 Drosophila_pseudoobscu/1-103 195972784|Drosophila_lutescens/1-103 225709014|Caligus_rogercresseyi/1-103 307168956 | Camponotus_floridanus/1-103 307194492|Harpegnathos_saltator/1-103 242003158 | Pediculus_humanus/1-121 281345278 | Ailuropoda_melanoleuca/1-104 281345295 | Ailuropoda_melanoleuca/1-111



non conserved similar



101

107

97

132 123

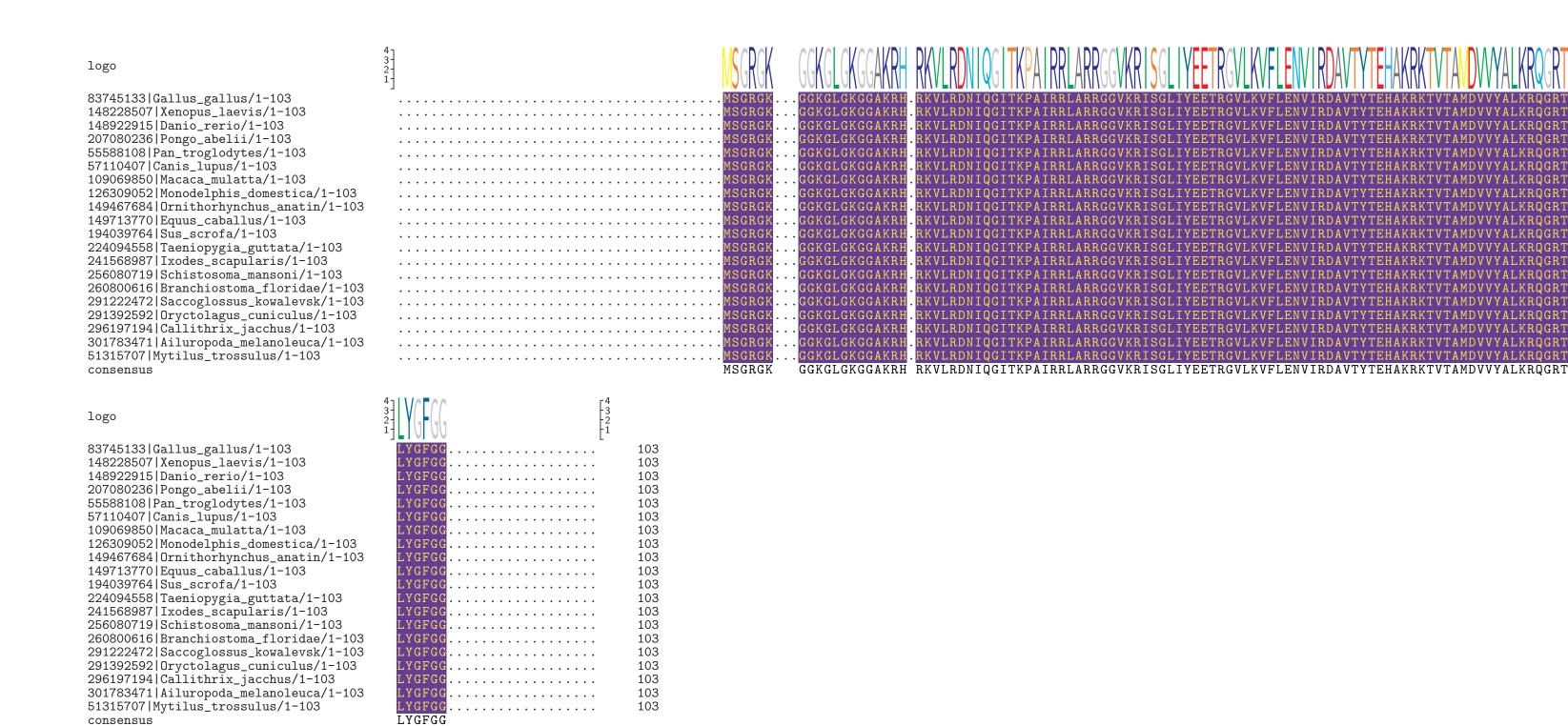
similar ≥50% conserved \geq 80% conserved

non conserved

62857709|Xenopus_(Silurana)/1-103

consensus

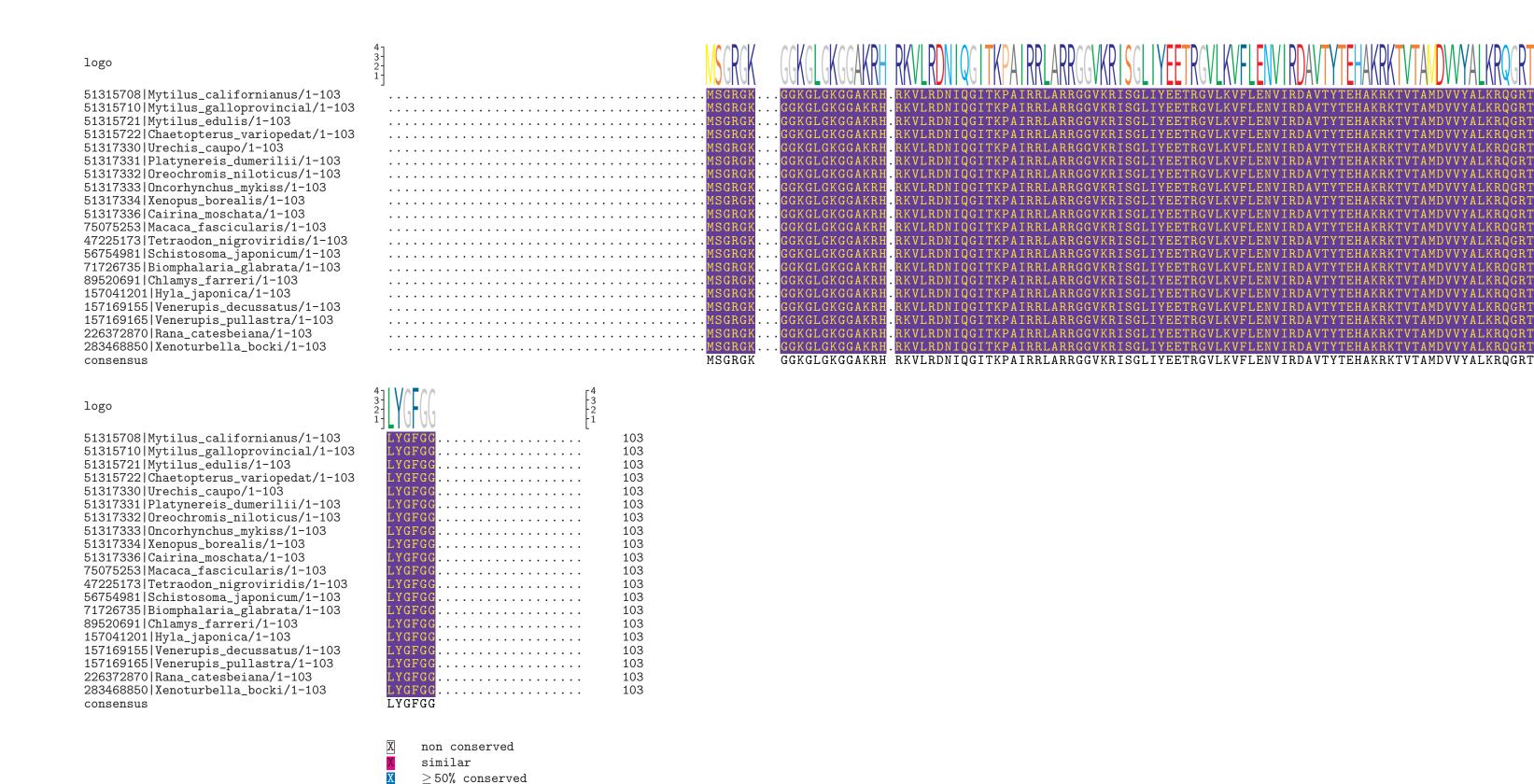
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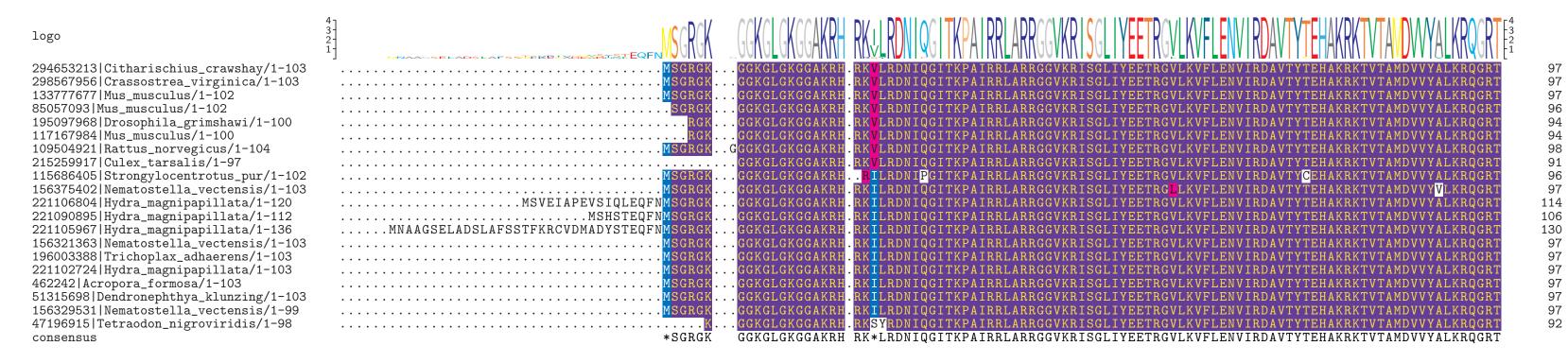
non conserved

 \geq 50% conserved \geq 80% conserved

similar



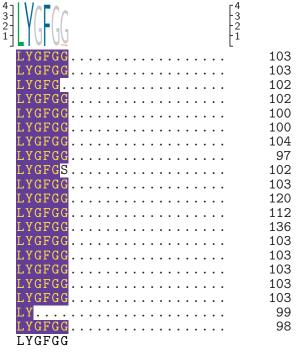
 \geq 80% conserved



logo

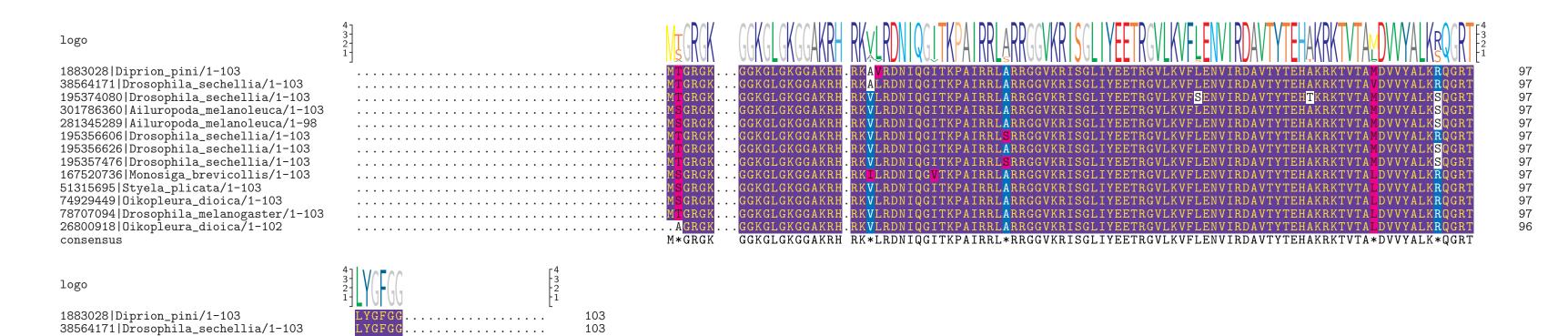
consensus

294653213 | Citharischius_crawshay / 1-103 298567956 Crassostrea_virginica/1-103 133777677 | Mus_musculus/1-102 85057093|Mus_musculus/1-102 195097968|Drosophila_grimshawi/1-100 117167984 | Mus_musculus/1-100 109504921 | Rattus_norvegicus/1-104 215259917|Culex_tarsalis/1-97 115686405|Strongylocentrotus_pur/1-102 156375402|Nematostella_vectensis/1-103 221106804|Hydra_magnipapillata/1-120 221090895|Hydra_magnipapillata/1-112 221105967 | Hydra_magnipapillata/1-136 156321363 | Nematostella_vectensis/1-103 196003388|Trichoplax_adhaerens/1-103 221102724|Hydra_magnipapillata/1-103 462242|Acropora_formosa/1-103 51315698 | Dendronephthya_klunzing/1-103 156329531 | Nematostella_vectensis/1-99 47196915|Tetraodon_nigroviridis/1-98



 $forum{X}{X}$ non conserved similar $forum{X}{X}$ $\geq 50\%$ conserved

 \geq 80% conserved



103 103 103 103 103 103 103 103 102

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103

98

non conserved similar \geq 50% conserved

 \geq 80% conserved

195374080|Drosophila_sechellia/1-103

301786360|Ailuropoda_melanoleuca/1-103

281345289|Ailuropoda_melanoleuca/1-98

195356606 Drosophila_sechellia/1-103

195356626|Drosophila_sechellia/1-103

195357476|Drosophila_sechellia/1-103

167520736 | Monosiga_brevicollis/1-103

78707094|Drosophila_melanogaster/1-103

51315695|Styela_plicata/1-103

consensus

74929449|Oikopleura_dioica/1-103

26800918|Oikopleura_dioica/1-102