

[] DUF 3608

█ Completely conserved

█ Identical

█ Similar

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Mosquito AGAP00 YNDVTMRYVD-PADVALLSVEITFKDQTIQRSEMMKLRKLTNTCTVILNKKIESCGECIR
Drosophila DEPD YSKVVMRYVK-PADVALLSIEITFKDQTIQRSEMMKLRKLTNTCTVILNKKIDYNDNQIR
Louise DEPD YADVMTMRYVN-PESVALLSIEITFKDQTIQRSEMMKLRKLTNTCTVILNKKIEFCGGSIR
Nusaa DEPD YQDVTMRYVD-PKDVTLLELVEITFKDQTIQRSEMMKLRKLTNTCTCATITQKVEFAG--IR
StiPrp DEPD YKSVVTMRYV-PGDVALLELVEITFKDQTIQRSEMMKLRKLTNTCTCATITQKRLSAG--IR
Tunicate DEPD YQSVVTMRYV-PADVALLSIEITFKDQTIQRSEMMKLRKLTNTCTCATITQKVEFAG--IR
Ascaris DEPD YKQVVTMRYV-KKQVALNIEITFKKRTMRSRSMNAYRSCLLNTCATIQKELMLG--IF
Ustilago IML1 RAKAIIIVKVT-KDDFTIEELVEITFKDQTVGRAMMVAVQNLSDTCTVTCGQKVTLAG-IR
Saccharomyces I RSKIVIKLKPKNKFLDQAVVEFNIKDCLLNRGDMVLSKSLVDTCTVMDQKRLAFLD-SIR
Phytophthora_hp FRSVTVRVD-QRDVCSVVEISFKDQFLSRADINAFKVMGLGQCVIVGRTVECLG--IR
Albugo_VMAP FKVYVRFVFP-KDQVSAVVEISLKDQFISERSLMTRKRLTGKPPVSGNVRVVGRTKMQ
consensus y-dv-ervv--p-dvali-veitfkdqti-ksdmrkrk-ll-tevyl-kkley-g--ir

Mosquito AGAP00 CQVYEMNSQGERVACGVINEDKVVFRRENTSMVILFLQMSSEMDFDITGDLYFEKAVNG
Drosophila DEPD CQVYEMNSQGERVAVAGVITEDTKIVFRRENTSMVILFLQMSSEMDFDITGDLYFEKAVNG
Louise DEPD CQVYEMNSQGERVACGVIAEDTKIVFRRENTSMVILFLQMSSEMDFDITGDLYFEKAVNG
Nusaa DEPD AQAGELMVKNEKVMCGTISEEDRVVFRRENTSMVILFLQMSSEMDFDITGDLYFEKAVNG
StiPrp DEPD AQVQELMVRNERVSCGAIITNDRVAVFRSATAMVILFLQMSSEMDFDITGDLYFEKAVNG
Tunicate DEPD AQVSELNRMKMKVRCGTITDRMFLRETSKVVTFVQMSSEMDFDITGDLYFEKAVNG
Ascaris DEPD YTVVDLWKKQKVMKQVSEDEEIVFRSEEMMLVYQMSSEMDFDITGDLYFEKAVNG
Ustilago IML1 ATIGRIFIKKKVTSQVTSASTKAIFRSEAKTNLFIQLSRMMEVDEDQEIYKALQO
Saccharomyces I GTIKGIYNGKIVSOTIGECTRIIFRSEAKLIFLQITQDRMMEVFEETGQLFQKVMNS
Phytophthora_hp SQVDAILADHTQLSCGVIGDANKIVVRSRSLFVWQMSSEMDFDITGDLYFEKAVNG
Albugo_VMAP VMDVHASEEQQAVSGVISEHTKLSLSEKTRVWMLQISPELMDLANSYMTLEILVN-
consensus -qv-amsa--erv-cg-itetkvvfrs--tsavylifqmssemwdfd--gdlyfekavng

Mosquito AGAP00 FLADLYKRWKLGSEHREVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Drosophila DEPD FLTELFRKMKKLSCHREVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Louise DEPD FLADLFRKMKKNGCYHEVTIVLFSRTFFSAQDLKFPITNRECLQIDYR-----
Nusaa DEPD FLADLFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
StiPrp DEPD FLTDLFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Tunicate DEPD FLKALFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Ascaris DEPD FPFELFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Ustilago IML1 FPFELFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Saccharomyces I FPFELFRKMKKNGCYHEVTIVLFSRTFFAKSLDFPPEHNDCLQIDYR-----
Phytophthora_hp LLLVLIENKSESSVSESVTIAPRSRFTDANQFPDDPFRAPFSDPRQGGPQGGAPG
Albugo_VMAP VVHVLQKMERKRVSESLTILFARSYFENKKEGENSEAEGMECTSASERKAASSMP
consensus fl-dif-kwr-----hevtivlfsrtfy-a--ld-fp--mrd-i--d-r-----

Mosquito AGAP00 -----GRFYDFTRVAIQNERCDQWSTTLVQLKMLFTGQADVFLKTR
Drosophila DEPD -----GRFYDFTRVAIQNERCDQWSTTLVQLKMLFTGQADVFLKTR
Louise DEPD -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Nusaa DEPD -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
StiPrp DEPD -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Tunicate DEPD -----NQLYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Ascaris DEPD -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Ustilago IML1 -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Saccharomyces I -----GRFYDFTRVAVQNERKDEWSTTLVQLKMLFTGQADVFLKTR
Phytophthora_hp IKMANGYPTIENVDPVSGRYEDFTKVVVNHFTGPDWMLVLLKKEFASYEMKRNKPT
Albugo_VMAP ICVDE-----ENRYQDFTKVVIFDSTITVQVPLLVKLEKELNDFRVCGNRSP
consensus -----grfy-dfyrvvvqner-ddw-vl--lkrif--y--vl-----

Mosquito AGAP00 RAD-----LPAQVRIFFPATMSTAAQGFLEVLNIA
Drosophila DEPD RE-----NMIFFPATMSTAAQGFLEVLNIA
Louise DEPD RE-----GIEFFPATMSTAAQGFLEVLNIA
Nusaa DEPD EG-----FPQDSSSTAQGFLEVLNIA
StiPrp DEPD ES-----GQIFPATMSTAAQGFLEVLNIA
Tunicate DEPD -----CFXGINSSTAQGFLEVLNIA
Ascaris DEPD KEF-----PDYGVFLAQNSTAVDQNFLOILNIA
Ustilago IML1 PISGPAASHE-----LEADLIRDRVHAGRISSESTGKLEVLNIA
Saccharomyces I DEGDKYIENRDLSSRTGQIVKMTAFCSIFVDRKLT-----YVAGQFSPVTKRMSISLTPA
Phytophthora_hp EFSAAKTEICRCPKATSTHTGKTSKUTMDYITXMTLPSGVFSAKQDNILEAVN
Albugo_VMAP KFMNDETSSTIS-----QSQNETADGVFANAGKLEVLNIA
consensus -----ip-g-nta-egNfLe-Nia

Mosquito AGAP00 LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Drosophila DEPD LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Louise DEPD LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Nusaa DEPD FNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
StiPrp DEPD LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Tunicate DEPD LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Ascaris DEPD MNSFDSTYTDARFETSQQCIITVTPGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Ustilago IML1 LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Saccharomyces I TNLTDVFPKQLDRITTTVMYIIPSGGLFDVDTLLNIXQRIDNGVGSBLVCGEQP
Phytophthora_hp LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
Albugo_VMAP LNVFKNITLDRSFDRTGQLSVVITPVGQVFPVDRILTNIXQRIDNGVGSBLVCGEQP
consensus lnvfdkhyldr-fdrtgqlsvvitpg-gvfvdr-l--itqrmidsagvdlvclgeqP

Mosquito AGAP00 LSAVPLKFMN-----KDT-LTS--IDD-----
Drosophila DEPD LSAVPLKFMN-----KDTLTS--ADD-----
Louise DEPD LSAVPLKFMN-----KDS-INA--VDD-----
Nusaa DEPD LSAVPLKFMN-----KTDVHQV-RGD-----
StiPrp DEPD LSAVPLKFMN-----KTDVHQV-RGD-----
Tunicate DEPD LSAVPLKFMN-----KTDVHQV-RGD-----
Ascaris DEPD LSAVPLKFMN-----KTDVHQV-RGD-----
Ustilago IML1 LSAVPLKFMN-----KTDVHQV-RGD-----
Saccharomyces I LSAVPLKFMN-----KTDVHQV-RGD-----
Phytophthora_hp LSAVPLKFMN-----KTDVHQV-RGD-----
Albugo_VMAP LSAVPLKFMN-----KTDVHQV-RGD-----
consensus LSAVPLKFMN-----KTDVHQV-RGD-----
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