

Fig. 1

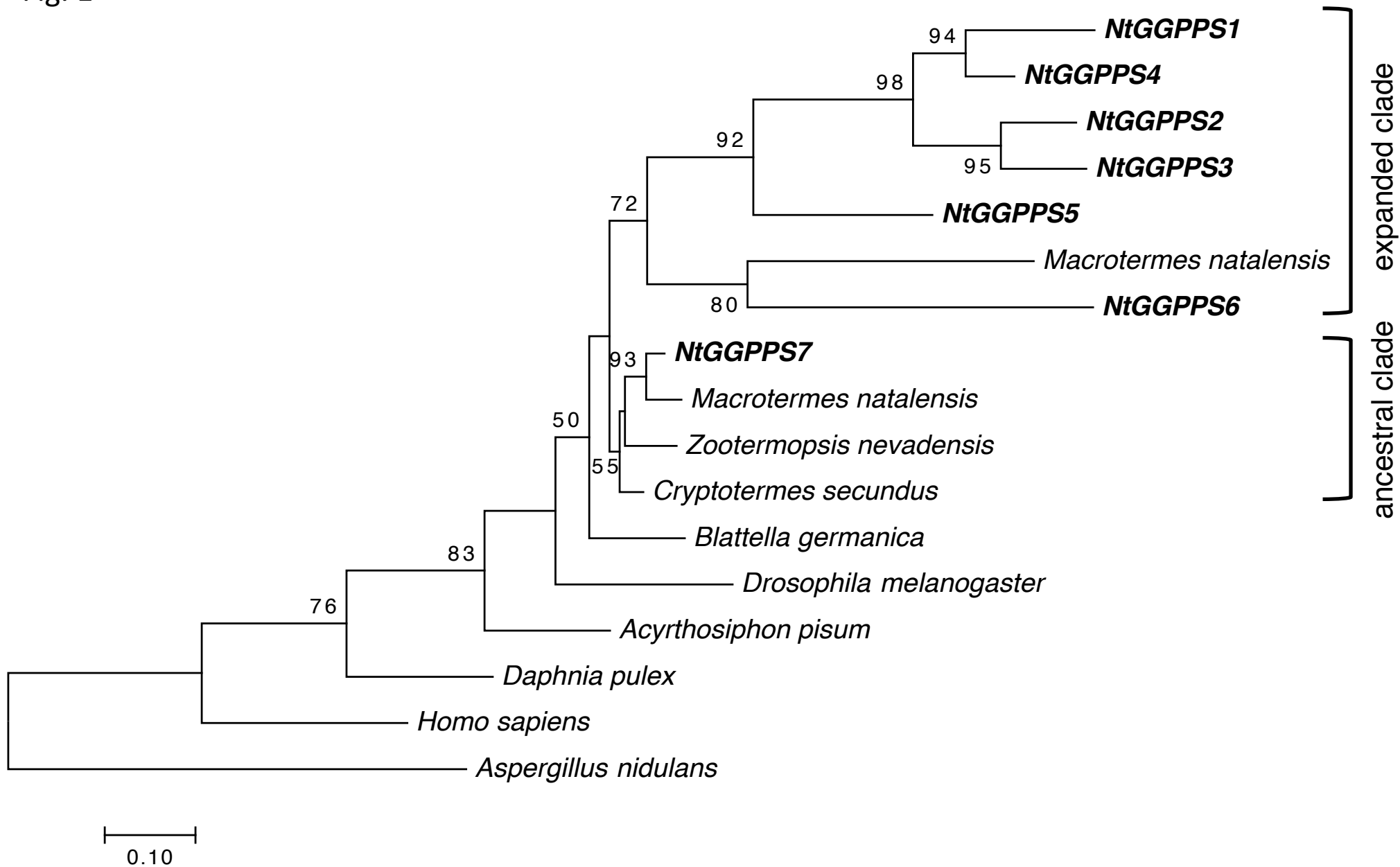


Fig. 2

NtGGPPS1-B MEEHVKGNGVPCLTMGDREQEELQIPGKQHLVKLASAYNYWLKVPADKLT
 NtGGPPS2-B MDEHVKGNGVPCLTLLGEREHEEKLQPPFAHITQEPGMOILTRVSSAYNYWLKVPADKLI
 NtGGPPS3-B MDEHVKGNGVPCLTLLGEREHEEKLQPPFAHITQVPGKQILSRIPHAYNYWLKVPADKLI
 NtGGPPS4 MEEHVKGNGVPCLTMGDREQEELQIPGKQHLVKLASAYNYWLKVPADKLT
 NtGGPPS5 MEGPEKNGVPCITVGDGEQDENLQPPFTHILQVPGKQFAPKLCFAFNWYWLKVPADKLN
 NtGGPPS6 MEVSEANGVSFSETGDSSEQDEKLLQPPFTHILKASCVGIRAKFIQGFNYWLKVPADKLI
 NtGGPPS7 MEGLNGSGVPSYKTDGKREQDEKLLQPPFTYILQVPGKQIRAKLAHAENYWLKVPADKLI

NtGGPPS1-B VKDIEHAFHYSLLLIDDIQDNSVLRGIPVAHSIYGV PSTTNASIYLLMLKGVKRALSLNH
 NtGGPPS2-B LKDIGYIIHHS CVLIDDIQDNTLLRRGIPVAHSIYGVASTLNTAIYLLLKGLKRAQILNN
 NtGGPPS3-B LKEIDYIIHHSGLIFNDIQDNSILRRGIPVAHSKYGV PSTINAVIYLLLKGLMKVQSLNH
 NtGGPPS4 LKIDHTFHYSLLILIDDIQDNSILRRGMPVAHSIYGVASTLNAAIYFLLKGLKRAQSLNH
 NtGGPPS5 VRDIVEMLRATLLIDDIQDNSVLRGISAHAHTIYGVPRTFNAANYVHFLGLYRVQSLNH
 NtGGPPS6 LQEVFEIYHVGGLVFDDIQDNSFMRRGVPTAHRVYGLASTISAALYVYFLALQKVRFRNH
 NtGGPPS7 VGDIVQMLHNSLLIDDIQDNSILRRGIPVAHSIYGVASTLNAANYVIFIALERVLSLNH

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NtGGPPS1-B PDAIALCIEQLLDMYYGQGLEIYWRNNTCPSEEEYKQLIQRKLASLL-FRVRMLQVLSD
 NtGGPPS2-B PDAIALCIEHLLDMYYGGLDLCWRDNTCPSEEEYKQMIQKKAAVWL-FKIGLLQLLSD
 NtGGPPS3-B PDAIAVCTEHLLEMYYGQGLEICWRDNYTCPSEEEYKQMIKRAKAGFWL-FKIGLLQLLSD
 NtGGPPS4 PDAITVCTEQQLLDMYYGQGLEIYWRDNYTCPSEEEYKQMIQRKLASLL-FRVRMLQVLSD
 NtGGPPS5 PKAIALCTEHLIDMYHGQGMEIYWRDNYTCPSEEEYKQMIQKKAAVWL-FKIGLLQLLSD
 NtGGPPS6 PEMVKLYIEMNVESWRGQALDVYWRDNYTCPSEEEYMEMITRKTAGGFKEGVQIVQLFSE
 NtGGPPS7 PEATTVYTEQLLELHRGQGMEIYWRDNYTCPSEEEYQEMTKRKTGGIFMLAIRMLQVLSD

NtGGPPS1-B NKTDFTKLNRI MQLYWQIRDDYCNLCMQOYTNERGYCDDISEGKFSFPIIHAILNNPDDQ
 NtGGPPS2-B NKIDFTKLN SILAMYIQIRDDYCNLCLOOYTDERGYCEDITEGKLSFPIIHAIRRHPPDDQ
 NtGGPPS3-B NKIDFTKLN SILAMYVQIREDDYCNLCLOOYADEKGYCEDISAGKFSFPIIHAIMSHPHDQ
 NtGGPPS4 NKTDFTKLN SILTMYQVIRDDYCNLCLOOYTNERGYCDDISEGKFSFPIIHAITNHPDDQ
 NtGGPPS5 NKADFTKLSGILGLYQISNDYRNLQWQEDKCYCEDLITEGKFSFPIIHAITCHPDDR
 NtGGPPS6 NKADFTKVAELLGQYFQIRDDYCNLCLOOYSENKSYCEDLITEGKFSFPIIHAINSRPDDN
 NtGGPPS7 NKADFTKLTGILGLYFQIRDDYCNLCLOOYSENKSYCEDLITEGKFSFPIIHAIKSRPDDN

NtGGPPS1-B QVINILRQRTQDVKLKKHCMTLLEKFGSFSFTRHTLEELDAEAREAEIAKHGGNPVLENL
 NtGGPPS2-B QVIHILRQRTDVELKKYCF TLLEKFGSFSYTRHTLKELEDAEAREAEVAKLGGNPVLENL
 NtGGPPS3-B QVIHILRQRTDVELKKYCF TLLEKFGSFSYTRHTLKELEDAEAREAEVAKLGGNPVLENL
 NtGGPPS4 QVINILRQRTQKVELKKYCF TLLEKFGSFSFTRHTLEELDAEAREAEVAKLGGNPVLENL
 NtGGPPS5 QVICILRQRTDVELKKYCV TLLEKSGSLSYTRHTLEELDAEAREAEVAKHGGNPVLEDL
 NtGGPPS6 QVLSILRQRTDVELKKYCL TLLENFGSLRYTRHTLEKIDAELEAEIAKHGGNPVLEDM
 NtGGPPS7 QVMHILRQRTDVEVKKYCI TLLEKFGSFSHTRHTLEELDAEAREAEVSKLGGNPVLEDL

NtGGPPS1-B NEMLDWKKNRDDKNPEQ
 NtGGPPS2-B NELLDWKKDEDDKNPEQ
 NtGGPPS3-B NELLDWKKDEDDKNPEQ
 NtGGPPS4 NEMLDWKKDRDDKNPEQ
 NtGGPPS5 DKMLEWKRCTDENKPVL
 NtGGPPS6 DQMLNWKNGTSGKHTEE
 NtGGPPS7 NELLSWKRNSDDKNPEQ

Fig. 3

