

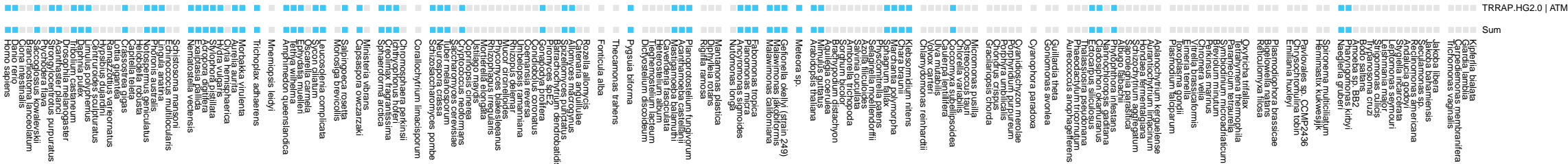


**TRRAP.HG1.0, PRKDC**  
(0 similar OGs)

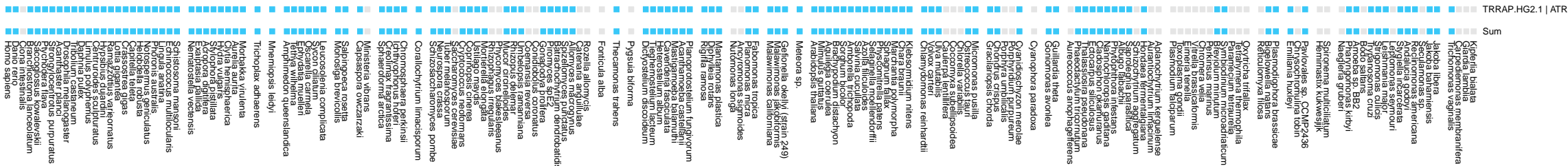




**TRRAP.HG2.0, ATM**  
**(0 similar OGs)**



**TRRAP.HG2.1, ATR**  
**(0 similar OGs)**



TRRAP.HG3.0, TRRAP  
(0 similar OGs)

TRRAP.HG3.0   TRRAP	
	Sum
	Klebsiella blakelyi
	Gardiera lamella
	Capredemoras membranifera
	Itchonomas vaginalis
	Jakoba libera
	Itchonomas sp.
	Secilomonas sp.
	Reichomonas americana
	Syngelia incarcerata
	Leptomonas seymouri
	Itchonomas sp.
	Strigomonas ciliis
	Itchonomas cruzi
	Amoeba sp. BB2
	Neogelia gubleri
	Pharyngomonas kribbii
	Stromonema multicaulem
	Perimonas sp.
	Perimonas sp. CCMP236
	Perimonas sp. CCMP106m
	Emiliana huxleyi
	Plasmodiophora brassicae
	Bigelowella natans
	Reichomonas litorea
	Oxytricha inflexa
	Leptomonas thermophila
	Symbiodinium microadriaticum
	Bevilacqua minutum
	Itchonomas sp.
	Ottomonas vella
	Ytrichia brassicaeformis
	Itchomonas gubleri
	Plasmodium talpae
	Apicomplexum kerquelinense
	Apicomplexum infectum
	Itchomonas sp.
	Schizocytium agglutatum
	Spizeliella parvifolia
	Phytophthora infestans
	Neorhizoglyphus patula
	Edwardsia alliculosa
	Phaeosiphonia pseudonana
	Phaeosiphonia pseudonana
	Aureococcus anophagefferens
	Guillardia theta
	Goniomonas avonlea
	Cyanophora paradoxa
	Oxandacyzon menaiae
	Popillia umbellalis
	Oxandus crispus
	Gracilicystis obsoleta
	Micromonas pusilla
	Itchomonas sp.
	Chlorella variabilis
	Coccomyxa stipellipsoidea
	Uva mutabilis
	Valoniopsis
	Chlamydomonas reinhardtii
	Klebsiella nitens
	Itchomonas sp.
	Marchantia polymorpha
	Shagaroniella
	Shagaroniella
	Seagullia molleioriffii
	Seagullia molleioriffii
	Amphibia trichopoda
	Sorbus bicolor
	Sorbus bicolor
	Aquilella cerulea
	Mimulus guttatus
	Arachnopsis italiana
	Meteora sp.
	Geleoniella okeilyi (strain 249)
	Malawimonas jakubovskis
	Malawimonas talioniana
	Paltonomas tropica
	Paltonomas tropica
	Ancrymonas sigmoides
	Nutomonas longa
	Mantamonas plastica
	Ripiphila rotans
	Ripiphila ramosa
	Planorhynchium longiporum
	Planorhynchium longiporum
	Masigamoeba batemuthi
	Cavenderia fasciculata
	Legionella pneumophila
	Legionella pneumophila
	Dicystostellum discoideum
	Pygmaia biliforma
	Thecamonas trahens
	Fonitcula alba
	Rozella allomyces
	Rozella allomyces
	Itchomonas sp.
	Spizeliopsis pulchellus
	Itchomonas sp.
	Itchomonas sp.
	Georhynchus pollera
	Georhynchus pollera
	Coriobolus coronatus
	Coriobolus coronatus
	Umbelopis ranamiana
	Umbelopis ranamiana
	Itchomonas sp.
	Phycomyces blakesleeanus
	Phycomyces blakesleeanus
	Ustilago maydis
	Coprinopsis cretacea
	Coprinopsis cretacea
	Itchomonas sp.
	Saccharomyces cerevisiae
	Itchomonas sp.
	Schizosaccharomyces pombe
	Corallorhynchium imaculatum
	Chlamydomonas reinhardtii
	Chlamydomonas reinhardtii
	Cremonax fragrantissima
	Spheerodroma arctica
	Ministeria vibrans
	Capaspora owczarzaki
	Salpingoeca rosetta
	Monosiga brevicolis
	Leucosolenia complicata
	Solenastrea
	Epiphylla muelleri
	Fertya wilhelma
	Amphimedon queenslandica
	Mnemiopsis leidyi
	Trichoplax adhaerens
	Morpekia viridula
	Aurelia aurita
	Cyrtia tenuisphaerica
	Syngonium
	Syngonium
	Actinoptera digitata
	Actinoptera digitata
	Nematostella vectensis
	Schistosoma mansoni
	Edriococcus multicaulis
	Itchomonas sp.
	Notospermus geniculatus
	Helicella robusta
	Crasostrea gigas
	Lotia gigantea
	Hyphalus jagleri
	Hyphalus jagleri
	Centruroides sculpturatus
	Centruroides sculpturatus
	Daphnia pulex
	Itchomonas sp.
	Phyllonoma castaneum
	Phyllonoma castaneum
	Acanthaster planci
	Strongylocentrotus purpuratus
	Strongylocentrotus purpuratus
	Saccoglossus kowalevskii
	Branchiostoma lanceolatum
	Branchiostoma lanceolatum
	Danio rerio
	Homo sapiens