## **Outsider Distribution Across Genomes** hamoeba\_polyphaga\_mim Acidilobus\_saccharovorans s\_macrogynus\_ATCC\_38 opheles\_gambiae\_str\_PE Aquifex\_aeolicus\_VF5 Arabidopsis\_thaliana Archaeon\_Loki\_Lokiarch subtilis\_str\_168\_chromos 0.10 0.05 0.00 nella\_henselae\_str\_Houst Belgica\_antarctica orhabditis\_Elegans\_Bristo Capsaspora\_owczarzaki Ciona\_intestinalis Cryptococcus\_Neoformans ptosporidium\_parvum\_low Culex\_pipiens 0.10 0.05 0.00 tyostelium\_discoideum\_A ephalitozoon\_cuniculi\_GB Genlisea\_aurea Drosophila\_simulans htamoeba\_histolytica\_HM\_ tr\_K\_12\_substr\_MG1655\_ Cyanidioschyzon\_merolae \_oxysporum\_lycopersici\_4 0.10 0.05 0.00 Megavirus\_chiliensis anosarcina\_barkeri\_str\_Fu Gregarina\_niphandrodes Haloquadratum\_walsbyi hmania\_donovani\_BPK28 Leishmania\_mexicana thanobacterium\_sp\_SWAN Micromonas\_sp\_RCC299 0.10 0.05 0.00 Monosiga\_brevicollis Naegleria\_fowleri Nema\_parisii\_ERTm1\_V3 bacterium\_tuberculosis\_H Mycoplasma\_gallisepticum ycoplasma\_genitalium\_G3 Oikopleura\_dioica Ordospora\_colligata 0.10 0.05 0.00 orococcus\_marinus\_CCM Ostreococcus\_tauri Prunus\_persica\_Lowell Pandoravirus\_salinus lasmodium\_falciparum\_3D baculum\_aerophilum\_str\_ kettsia\_prowazekii\_Madrid Rozella\_allomycis\_CSF55 0.10 0.05 0.00 osaccharomyces\_pombe\_ hococcus\_elongatus\_PCC siosira\_pseudonana\_CCM bacter\_xylanophilus\_DSM charomyces\_cerevisiae\_S2 stosoma\_mansoni\_puerto tichii\_RW1\_chromosome\_ Takifugu\_rubripes 0.10 0.05 0.00 -Outsider Once Outsider Once Outsider Multiple Outsider Multiple Outsider Multiple Outsider Once notoga\_neapolitana\_DSM\_ ermus\_aquaticus\_Y51MC lex\_quinquefasciatus\_Pel\_ Tribolium\_castaneum \_of\_Drosophila\_simulans 0.10 0.05 0.00 Outsider Multiple Outsider Multiple Outsider Multiple Outsider Once Outsider Multiple **Outsider Multiple** Outsider Once Outsider Once Outsider Once Outsider Once