GC % vs Codon Freq PC1 Ascomycota Blastocladiomycota Basidiomycota 20 10 -10 Chytridiomycota Cryptomycota Microsporidia Codon Freq PC1 -10 · Mucoromycota Olpidiomycota Zoopagomycota 20 10 0 -10 20 70 70 30 40 50 60 20 30 40 60 20 30 40 50 60 70 50 Genome GC % Agaricomycotina Olpidiomycotina Kickxellomycotina Pucciniomycotina Zoopagomycotina Apansporoblastina Monoblepharidomycotina • Ordosporidae NA Rozellomycotina Blastocladiomycotina Mortierellomycotina Paramicrosporidium Saccharomycotina SUBPHYLUM Chytridiomycotina Mucoromycotina Pezizomycotina Taphrinomycotina Entomophthoromycotina • Nematocida Physodermatomycotina • Ustilaginomycotina Glomeromycotina Neocallimastigomycotina • Pseudoloma Wallemiomycotina