## **Gene Count vs Mean Gene length** Blastocladiomycota Ascomycota Basidiomycota 600 -500 400 300 -200 -Chytridiomycota Cryptomycota Microsporidia 600 -Gene Length 300 200 -Mucoromycota Sanchytriomycota Zoopagomycota 600 -500 -400 -300 -200 1e+03 1e+04 1e+05 1e+04 1e+05 1e+03 1e+05 1e+03 1e+04 Gene count (Mb) Agaricomycotina Glomeromycotina Pucciniomycotina Wallemiomycotina Mucoromycotina Ascomycotina Kickxellomycotina Neocallimastigomycotina Saccharomycotina Zoopagomycotina SUBPHYLUM Blastocladiomycotina Microsporidiomycotina Paramicrosporidiomycotina Sanchytriomycotina NA Chytridiomycotina Monoblepharidomycotina Pezizomycotina Taphrinomycotina

Ustilaginomycotina

Physodermatomycotina

Entomophthoromycotina

Mortierellomycotina