JFYL007vsOKYL029 Biological Process - rankScore 25 ,pval < 0.01 <-- RankScore total number of genes --> positive regulation of cellular process 14 negative regulation of filamentous growth of a 24 population of unicellular organisms mitochondrial fission 22 ΑII 3077 cellular response to neutral pH 19 protein folding 4 20 mRNA export from nucleus 8 protein glycosylation 11 transfer RNA gene-mediated silencing 11 protein N-linked glycosylation 15 poly(A)+ mRNA export from nucleus 13 12 25% 50% 75% 0% 100% Genes Molecular Function – rankScore 25 ,pval < 0.01 <-- RankScore total number of genes --> hydrolase activity, acting on ester bonds 21 9 copper ion binding 14 translation initiation factor binding 13 acid phosphatase activity 10 lipid binding 9 10 GO terms ΑII 3077 chaperone binding 25 RNA-DNA hybrid ribonuclease activity 19 FAD binding 19 3 exonuclease activity ubiquitin binding 6 25% 50% 75% 100% 0% Genes Cellular Component – rankScore 25 ,pval < 0.01 <-- RankScore total number of genes --> extrinsic component of mitochondrial inner 5 membrane cell septum 7 5 chromosome, centromeric region 11 yeast-form cell wall 15 cellular bud 18 cell cortex 19 10 ΑII 3077 GO terms 12 446 membrane mitochondrial inner membrane 10 41 nuclear pore 2 9 intracellular membrane-bounded organelle 13 28 phagophore assembly site 22 5 late endosome 23 8 fungal-type vacuole 23 17 Golgi membrane 25 20 mitochondrial matrix 9 21 vesicle 5 5 25% 50% 75% 100% 0% Genes Direction Up (p<0.01) Up (p>0.01) Down (p>0.01) Down (p<0.01)