JFYL007vsOKYL029 Biological Process - rankScore 25 ,pval < 0.01 <-- RankScore / total number of genes --> chaperone-mediated protein complex assembly 12 5 protein refolding 17 12 lysine biosynthetic process via aminoadipic acid 24 5 Golgi to vacuole transport 5 15 mitotic sister chromatid cohesion 19 5 ΑII 3077 peptidyl-tyrosine dephosphorylation 13 pheromone-dependent signal transduction involved in conjugation with cellular fusion 21 5 0% 25% 50% 75% 100% Genes Molecular Function – rankScore 25 ,pval < 0.01 <-- RankScore total number of genes --> aspartic-type endopeptidase activity 19 18 DNA-directed DNA polymerase activity 18 3077 ΑII protein tyrosine phosphatase activity 12 **GO terms** serine-type peptidase activity 6 serine-type endopeptidase activity 19 transcription corepressor activity 20 lipid binding 8 10 enzyme activator activity 23 10 25% 50% 75% 0% 100% Genes Cellular Component – rankScore 25 ,pval < 0.01 <-- RankScore total number of genes --> 9 mitochondrial large ribosomal subunit spindle 23 5 perinuclear region of cytoplasm 19 large ribosomal subunit 20 extracellular region 7 29 endoplasmic reticulum membrane endoplasmic reticulum 55 4 GO terms 18 16 vacuolar membrane 2 Golgi apparatus 40 ΑII 3077 cytoplasmic vesicle 13 9 extracellular space 19 16 lipid droplet 6 8 mitotic spindle midzone 12 6 7 nucleosome 19 23 nuclear chromosome 50% 25% 0% 75% 100% Genes Direction Up (p<0.01) Up (p>0.01) Down (p>0.01) Down (p<0.01)