Enriched Pathways activated suppressed Photosynthesis – antenna proteins – Arabidopsis thaliana (thale cress) Aminoacyl-tRNA biosynthesis - Arabidopsis thaliana (thale cress) Photosynthesis - Arabidopsis thaliana (thale cress) Porphyrin metabolism -Arabidopsis thaliana (thale cress) p.adjust Steroid biosynthesis -Arabidopsis thaliana (thale 0.01 cress) 0.02 Carbon fixation in photosynthetic organisms -Arabidopsis thaliana (thale Count cress) 15 20 Ribosome – Arabidopsis thaliana (thale cress) Pentose and glucuronate interconversions -0 Arabidopsis thaliana (thale cress) Starch and sucrose metabolism - Arabidopsis thaliana (thale cress) Glyoxylate and dicarboxylate metabolism – Arabidopsis thaliana (thale cress) Protein processing in endoplasmic reticulum -Arabidopsis thaliana (thale cress)

0.50

0.25

0.75

0.50

0.25

GeneRatio

0.75