

Figure S2. SOM clusters of differentially expressed genes between genotypes due to *A. flavus* infection. S; Susceptible genotype (Florida-07); R: Resistant genotype (ICG 1471); C: Control treatments; T: Infection treatments; Red lines: Resistant genotype; Blue lines: susceptible genotype; Rectangles: Controls; Triangles: Treatments; A: Genes that were down-regulated due to the infection in the susceptible genotype and up-regulated in the resistant genotype; B: Genes that were down-regulated due to the infection in the susceptible genotype but were not changed in the resistant genotype; C: Genes were up-regulated due to the infection in the susceptible genotype and down-regulated in the resistant genotype; D: Genes were up-regulated due to the infection in the susceptible genotype but unaffected in the resistant genotype; E: Genes that were up-regulated in both genotypes but to a greater degree in the resistant genotype; F: Genes that are constitutively expressed at a higher level the resistant genotype as compared to the susceptible genotype regardless of the fungal infection.