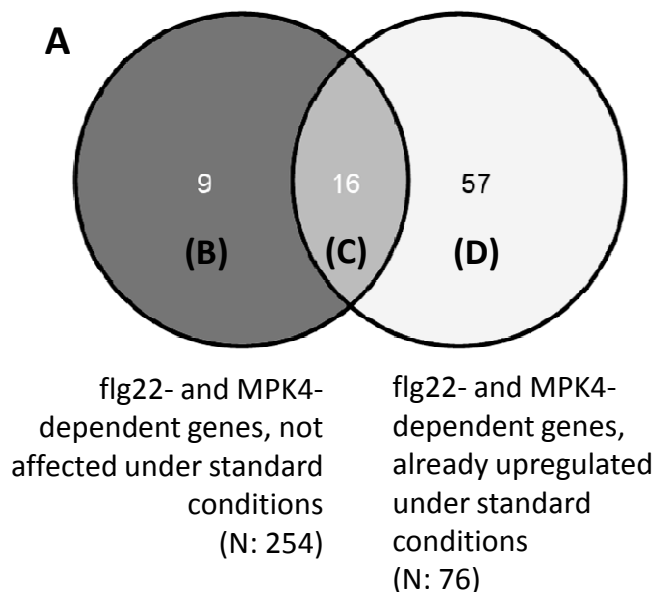


Figure S3



B

GO:1900674 olefin biosynthetic process
 GO:0043449 cellular alkene metabolic process
 GO:0009692 ethylene metabolic process
 GO:0043450 alkene biosynthetic process
 GO:1900673 olefin metabolic process
 GO:0009693 ethylene biosynthetic process
 GO:0010033 response to organic substance
 GO:0016998 cell wall macromolecule catabolic process
 GO:0042221 response to chemical stimulus

C

GO:0010200 response to chitin
 GO:0010243 response to organic nitrogen
 GO:0009719 response to endogenous stimulus
 GO:0002376 immune system process
 GO:0050896 response to stimulus
 GO:0006952 defense response
 GO:0050832 defense response to fungus
 GO:0080135 regulation of cellular response to stress
 GO:0009620 response to fungus
 GO:0009626 plant-type hypersensitive response
 GO:0034050 host programmed cell death induced by symbiont
 GO:0010363 regulation of plant-type hypersensitive response
 GO:0006612 protein targeting to membrane
 GO:0016265 death
 GO:0008219 cell death
 GO:0045087 innate immune response

D

GO:0051707 response to other organism
 GO:0009607 response to biotic stimulus
 GO:0009697 salicylic acid biosynthetic process
 GO:0009696 salicylic acid metabolic process
 GO:0006955 immune response
 GO:0042537 benzene-containing compound metabolic process
 GO:0072330 monocarboxylic acid biosynthetic process
 GO:0009814 defense response, incompatible interaction
 GO:0009627 systemic acquired resistance
 GO:0016053 organic acid biosynthetic process
 GO:0046394 carboxylic acid biosynthetic process
 GO:0031347 regulation of defense response
 GO:0080134 regulation of response to stress
 GO:0032787 monocarboxylic acid metabolic process
 GO:0044283 small molecule biosynthetic process
 GO:0044711 single-organism biosynthetic process
 GO:0009617 response to bacterium
 GO:0048583 regulation of response to stimulus
 GO:0045088 regulation of innate immune response
 GO:0050776 regulation of immune response
 GO:0002682 regulation of immune system process
 GO:0019752 carboxylic acid metabolic process
 GO:0006950 response to stress
 GO:0043436 oxoacid metabolic process
 GO:0006082 organic acid metabolic process
 GO:0009863 salicylic acid mediated signaling pathway
 GO:0071446 cellular response to salicylic acid stimulus
 GO:0031348 negative regulation of defense response
 GO:0000165 MAPK cascade
 GO:0007243 intracellular protein kinase cascade
 GO:0048585 negative regulation of response to stimulus
 GO:0009753 response to jasmonic acid stimulus
 GO:0009751 response to salicylic acid stimulus
 GO:0042742 defense response to bacterium
 GO:0051704 multi-organism process
 GO:0071407 cellular response to organic cyclic compound
 GO:0012501 programmed cell death
 GO:0043069 negative regulation of programmed cell death
 GO:0060548 negative regulation of cell death
 GO:0010310 regulation of hydrogen peroxide metabolic process
 GO:0009867 jasmonic acid mediated signaling pathway
 GO:0071395 cellular response to jasmonic acid stimulus
 GO:0043067 regulation of programmed cell death
 GO:2000377 regulation of reactive oxygen species metabolic process
 GO:0010941 regulation of cell death
 GO:0014070 response to organic cyclic compound
 GO:0070887 cellular response to chemical stimulus
 GO:0035556 intracellular signal transduction
 GO:0044281 small molecule metabolic process
 GO:0072593 reactive oxygen species metabolic process
 GO:0009862 SAR, SA mediated signaling pathway
 GO:0002237 response to molecule of bacterial origin
 GO:0007165 signal transduction
 GO:0009595 detection of biotic stimulus
 GO:0071310 cellular response to organic substance
 GO:0044700 single organism signaling
 GO:0023052 signaling