

## Proportion of GO groups (spot E)

Group1 = secondary metabolite biosynthetic process: 45.2%

Group2 = inorganic ion transmembrane transport: 16.2%

Group3 = secondary metabolic process: 7.7%

Group4 = response to unfolded protein: 6.6%

Group5 = flavonoid metabolic process: 5.0%

Group6 = iron-sulfur cluster assembly: 3.5%

Group7 = ketone body metabolic process: 3.5%

Group8 = protein refolding: 3.3%

Group9 = intracellular manganese ion homeostasis: 3.2%

Group10 = regulation of root development: 3.0%

cell migration: 2.8%