

Table S7 GO enrichment analysis of genes significantly regulated in response to *FLO11* over-expression in Σ 1278b (indicated as Σ 1278b *FLO11*) using the online application FunSpec ($p < 0.0001$; (Robinson *et al.* 2002). Shown is the number of genes identified to group in each category.

GO Term	GO ID	Sigma <i>FLO11</i> +
branched chain family amino acid catabolic process	GO:0009083	4
catalytic activity	GO:0003824	24
cellular aromatic compound metabolic process	GO:0006725	8
metabolic process	GO:0008152	21
organic acid metabolic process	GO:0006082	9
response to temperature stimulus	GO:0009266	5
transmembrane transport	GO:0055085	22
transporter activity	GO:0005215	13

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