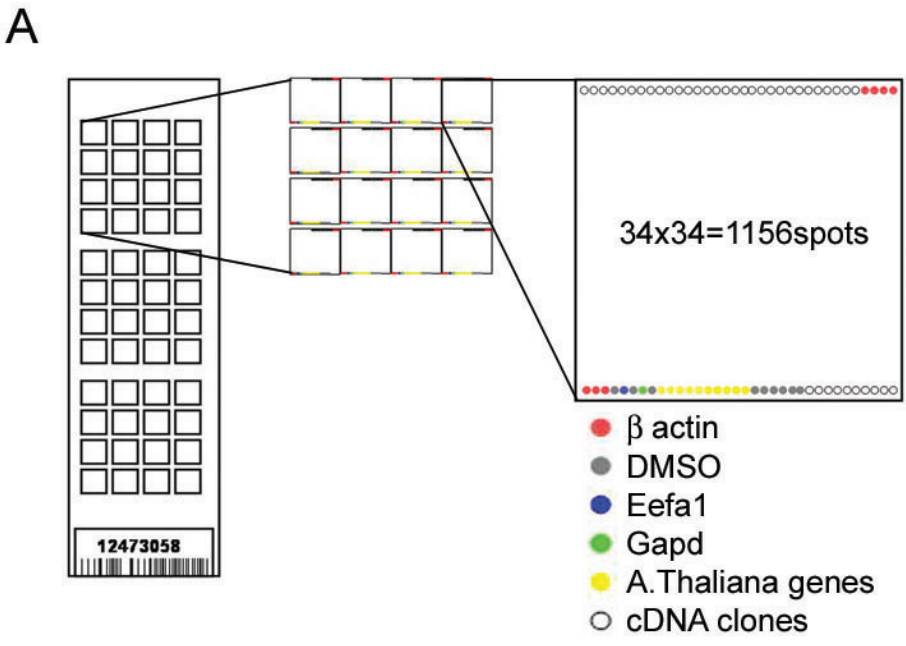
A
34x34=1156spots
12473058
β actin
DMSO
Eefa1
Gapd
A.Thaliana genes
cDNA clones
B

Fig. S1

Figure S1.

GlomChip design and performance

A) GlomChip was printed with 16704 GlomBase EST clones, 1344 other mouse cDNA clones and 10 different *Arabidopsis Thaliana (A. Thaliana)* PCR-products. Mouse housekeeping gene cDNAs and/or *A. Thaliana* cDNAs were put in every two corners of 34x34 spots square in order to control for serial contamination during printing, and to facilitate spot segmentation during analysis.

B) Typical two-target hybridization result. Background hybridization was deduced from the A. Thaliana spots. Note that the weak horizontal band of hybridizing clones on each 34x34 spot quadrant (indicated by arrows) represent the clones derived from normalized libraries, i.e. clones that on average represent mRNAs of lower abundance than the clones from the standard libraries seen at the top and bottom of each quadrant.