



Fig. 1S. Comparison of independent Genechip hybridizations.

Scatter plots comparing the raw signal intensities of three independent experiments from control-treated guard cells (**A** and **B**) and ABA-treated guard cells (**C** and **D**). Each gene is represented by one dot. For each gene, the raw RNA expression level in one experiment is given on the x axis and the expression level for the same gene in the other experiment is plotted on the y axis. The solid diagonal lines indicate a difference by a factor of 2 between the two hybridizations for visual reference purposes. Some points show a slight off center distribution which may be attributable to direct use of raw data comparing independent experiments without normalization. Significantly expressed genes detected as Present (P) or Marginal (M) in two or three samples are represented by black dots whereas genes for which expression levels were not significant in 2 or 3 samples are illustrated as gray dots.