



Figure S1. Expression profiles and CID/pCID inferences of 264052_at and 253534_at based on expression levels of *CBF1*. (A) Scatter plots of log₂ expression levels. (B) Averages and standard deviations of log₂ expression levels over time under control (CTRL) or cold treatments. (C) Contribution to CID value by different sub-samples. C: control; S: shoot; R: root. The dashed horizontal line indicates the nominal value 1/26. (D) Marginal CDF (black solid line) and conditional CDF's under 0.5H_R, 0.5H_S (red dashed lines), 1H_R, 1H_S (green dashed lines), 12H_R, 12H_S (pink dashed lines), 24H_R, and 24H_S (yellow dashed lines).