**Supplemental Figure Legends**

Figure S1. Transcriptional dynamics of the differentially expressed transcription factor/regulator encoding genes in the P4 empty vector lines. Fold-changes over 12 h upon the onset of N-depletion stress were calculated as log2 (3h/0h) and log2 (12h/0h) (EV, P4 empty vector lines) and displayed in the heat map. Statistical significances of the differentially expressed genes were determined by a false discovery rate (FDR)-corrected *p* value (\*, *p* < 0.05; \*\*, *p* < 0.01; \*\*\*, *p* < 0.001).