

S2 Table. Average value of CT from three biological replicates \pm standard deviation (SD) of 9 genes along all treatments.

ZD32_SMV	<i>60S</i>	<i>Fbox</i>	<i>ELF1A</i>	<i>ELF1B</i>	<i>ACT11</i>
Ct \pm SD					
Control	21.07 \pm 0.316	20.50 \pm 0.056	16.84 \pm 0.160	21.00 \pm 0.127	18.11 \pm 0.264
15 min	22.34 \pm 0.918	22.66 \pm 0.101	18.55 \pm 0.098	22.98 \pm 0.137	20.90 \pm 0.331
6 h	21.19 \pm 0.218	21.57 \pm 0.111	17.62 \pm 0.207	21.70 \pm 0.029	20.30 \pm 0.147
ZD29_SMV					
Control	21.60 \pm 0.223	20.98 \pm 0.119	18.05 \pm 0.139	21.97 \pm 0.085	19.89 \pm 0.031
15 min	21.57 \pm 0.080	21.84 \pm 0.192	17.86 \pm 0.070	22.03 \pm 0.110	20.16 \pm 0.070
6 h	20.89 \pm 0.238	21.07 \pm 0.082	17.67 \pm 0.198	21.52 \pm 0.029	19.99 \pm 0.044
ZD32 vs ZD29_SMV					
ZD32-Control	21.47 \pm 0.206	21.27 \pm 0.220	16.95 \pm 0.071	21.17 \pm 0.278	18.86 \pm 0.174
ZD32-15 min	22.74 \pm 0.086	22.83 \pm 0.109	18.96 \pm 0.103	22.98 \pm 0.064	21.04 \pm 0.284
ZD29-Control	21.72 \pm 0.155	22.05 \pm 0.042	18.53 \pm 0.101	22.55 \pm 0.095	20.46 \pm 0.209
ZD29-15 min	21.60 \pm 0.090	21.88 \pm 0.094	18.37 \pm 0.143	22.42 \pm 0.137	19.78 \pm 0.232
ZD32_SMV	<i>TUA5</i>	<i>UBC4</i>	<i>G6PD</i>	<i>CYP2</i>	
Ct \pm SD					
Control	18.87 \pm 0.140	18.78 \pm 0.399	21.11 \pm 0.110	16.08 \pm 0.129	
15 min	20.38 \pm 0.281	22.80 \pm 0.107	22.77 \pm 0.136	18.79 \pm 0.094	
6 h	19.56 \pm 0.143	21.70 \pm 0.147	21.92 \pm 0.155	17.66 \pm 0.051	
ZD29_SMV					
Control	20.30 \pm 0.245	21.61 \pm 0.032	22.39 \pm 0.076	17.05 \pm 0.143	
15 min	19.88 \pm 0.252	21.98 \pm 0.210	22.28 \pm 0.047	17.64 \pm 0.159	
6 h	19.35 \pm 0.174	21.29 \pm 0.113	21.43 \pm 0.235	17.69 \pm 0.007	
ZD32 vs ZD29_SMV					
ZD32-Control		20.05 \pm 0.001	21.34 \pm 0.181	16.53 \pm 0.240	
ZD32-15 min		23.83 \pm 0.083	23.82 \pm 0.145	18.88 \pm 0.219	
ZD29-Control		22.26 \pm 0.152	23.51 \pm 0.251	18.07 \pm 0.062	
ZD29-15 min		22.97 \pm 0.113	22.59 \pm 0.026	17.86 \pm 0.223	

TL1	<i>60S</i>	<i>Fbox</i>	<i>ELF1A</i>	<i>ELF1B</i>	<i>ACT11</i>
	Ct ± SD				
VE	21.30 ± 0.248	20.35 ± 0.070	17.49 ± 0.100	21.02 ± 0.055	19.28 ± 0.199
V1	20.55 ± 0.093	19.43 ± 0.445	16.83 ± 0.056	21.76 ± 0.126	18.90 ± 0.128
V3	19.61 ± 0.180	19.31 ± 0.052	16.57 ± 0.241	20.06 ± 0.139	18.53 ± 0.166
TL.2					
VE	19.42 ± 0.028	19.27 ± 0.118	16.91 ± 0.191	20.68 ± 0.147	18.82 ± 0.158
V1	19.98 ± 0.073	20.13 ± 0.111	16.84 ± 0.150	21.68 ± 0.047	18.75 ± 0.133
V3	18.95 ± 0.147	18.99 ± 0.081	16.15 ± 0.371	19.88 ± 0.173	18.27 ± 0.104
TL1 vs TL2					
TL1 VE	21.03 ± 0.296	20.10 ± 0.269	17.17 ± 0.179	20.41 ± 0.219	18.86 ± 0.148
TL1 V1	20.31 ± 0.027	19.81 ± 0.024	16.74 ± 0.092	21.50 ± 0.132	18.45 ± 0.135
TL2 VE	19.37 ± 0.184	19.68 ± 0.129	17.21 ± 0.187	20.93 ± 0.022	18.31 ± 0.263
TL2 V1	19.69 ± 0.002	19.68 ± 0.254	17.27 ± 0.110	21.58 ± 0.097	17.74 ± 0.233
TL1	<i>TUA5</i>	<i>UBC4</i>	<i>G6PD</i>	<i>CYP2</i>	
	Ct ± SD				
VE	20.41 ± 0.254	20.26 ± 0.261	21.95 ± 0.022	16.95 ± 0.178	
V1	19.89 ± 0.241	19.46 ± 0.154	22.50 ± 0.119	17.27 ± 0.174	
V3	18.61 ± 0.156	19.13 ± 0.079	20.37 ± 0.296	15.83 ± 0.108	
TL2					
VE	19.66 ± 0.270	18.53 ± 0.180	21.38 ± 0.068	17.09 ± 0.339	
V1	20.47 ± 0.058	18.71 ± 0.294	21.96 ± 0.077	17.17 ± 0.087	
V3	18.13 ± 0.007	18.79 ± 0.109	19.85 ± 0.233	15.24 ± 0.312	
TL1 vs TL2					
TL1 VE		21.87 ± 0.039	21.96 ± 0.062	16.87 ± 0.007	
TL1 V1		20.69 ± 0.142	22.33 ± 0.125	17.29 ± 0.229	
TL2 VE		19.95 ± 0.071	21.87 ± 0.210	17.33 ± 0.107	
TL2 V1		20.54 ± 0.168	21.95 ± 0.222	17.72 ± 0.021	

PH shoots_N stress	<i>60S</i>	<i>Fbox</i>	<i>ELF1A</i>	<i>ELF1B</i>	<i>ACT11</i>
Shoot_high N 4 h	25.72 ± 0.152	23.37 ± 0.082		25.32 ± 0.268	22.52 ± 0.119
Shoot_low N 4 h	26.52 ± 0.151	23.67 ± 0.042		25.38 ± 0.032	22.40 ± 0.131
Shoot_high N 6 DAI	26.66 ± 0.222	24.01 ± 0.085		26.03 ± 0.036	23.26 ± 0.071
Shoot_low N 6 DAI	21.93 ± 0.097	20.78 ± 0.175		23.20 ± 0.162	20.73 ± 0.0362
PH roots_N stress					
Root_high N 4 h	29.22 ± 0.243	24.94 ± 0.125		26.19 ± 0.048	24.25 ± 0.069
Root_low N 4 h	29.72 ± 31.73	25.34 ± 0.156		26.21 ± 0.054	23.62 ± 0.156
Root_high N 6 DAI	31.73 ± 0.108	29.73 ± 0.079		30.15 ± 0.050	28.30 ± 0.283
Root_low N 6 DAI	30.48 ± 0.358	26.90 ± 0.067		28.23 ± 0.210	25.66 ± 0.262
PH shoots vs roots_N stress					
Shoot_high N 4 h	27.85 ± 0.168	25.33 ± 0.123	22.01 ± 0.213	26.70 ± 0.034	24.71 ± 0.118
Root_high N 4 h	28.77 ± 0.207	24.59 ± 0.071	22.98 ± 0.067	26.10 ± 0.111	24.32 ± 0.044
PH shoots	<i>TUA5</i>	<i>UBC4</i>	<i>G6PD</i>	<i>CYP2</i>	
	Ct ± SD				
Shoot_high N 4 h	22.18 ± 0.091	23.67 ± 0.101	26.09 ± 0.056	18.10 ± 0.151	
Shoot_low N 4 h	21.26 ± 0.119	23.18 ± 0.068	26.73 ± 0.054	18.17 ± 0.148	
Shoot_high N 6 DAI	24.23 ± 0.170	23.82 ± 0.070	25.53 ± 0.026	19.04 ± 0.108	
Shoot_low N 6 DAI	21.40 ± 0.306	21.05 ± 0.150	20.69 ± 0.013	17.02 ± 0.110	
PH roots_N stress					
Root_high N 4 h	24.26 ± 0.351	26.26 ± 0.083	24.78 ± 0.146	20.14 ± 0.287	
Root_low N 4 h	24.50 ± 0.263	25.44 ± 0.380	26.29 ± 0.336	20.36 ± 0.217	
Root_high N 6 DAI	25.91 ± 0.463	30.08 ± 0.087	30.39 ± 0.163	22.61 ± 0.142	
Root_low N 6 DAI	24.56 ± 0.562	28.05 ± 0.264	26.51 ± 0.170	21.21 ± 0.068	
PH shoots vs roots_N stress					
Shoot_high N 4 h	23.96 ± 0.061	25.80 ± 0.247	28.69 ± 0.057	19.95 ± 0.103	
Root_high N 4 h	24.22 ± 0.123	25.92 ± 0.306	25.30 ± 0.125	19.94 ± 0.184	

ZD32 VS TL1 vs PH	<i>60S</i>	<i>Fbox</i>	<i>ELF1A</i>	<i>ELF1B</i>	<i>ACT11</i>
ZD32 Control	20.09±0.137	19.88±0.056	16.62±0.101	20.37±0.061	17.91±0.097
TL1 VE	21.93±0.124	21.80±0.031	19.12±0.096	22.41±0.085	20.57±0.164
PH shoot_high N 4h	26.17±0.111	23.86±0.084	19.39±0.214	24.16±0.129	21.91±0.089

ZD32 VS TL1 vs PH	<i>TUA5</i>	<i>UBC4</i>	<i>G6PD</i>	<i>CYP2</i>
	Ct±SD			
ZD32 Control	18.19±0.104	19.52±0.026	20.11±0.286	14.79±0.008
TL1 VE	20.32±0.278	22.56±0.324	23.69±0.154	18.67±0.145
PH shoot_high N 4h	20.14±0.286	22.29±0.460	26.97±0.171	18.14±0.206