

Supplementary Materials

SlbHLH22-Induced Hypertrophy Development Is Related to the Salt Stress Response of the GTgamma Gene in Tomatoes

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Supplementary Information

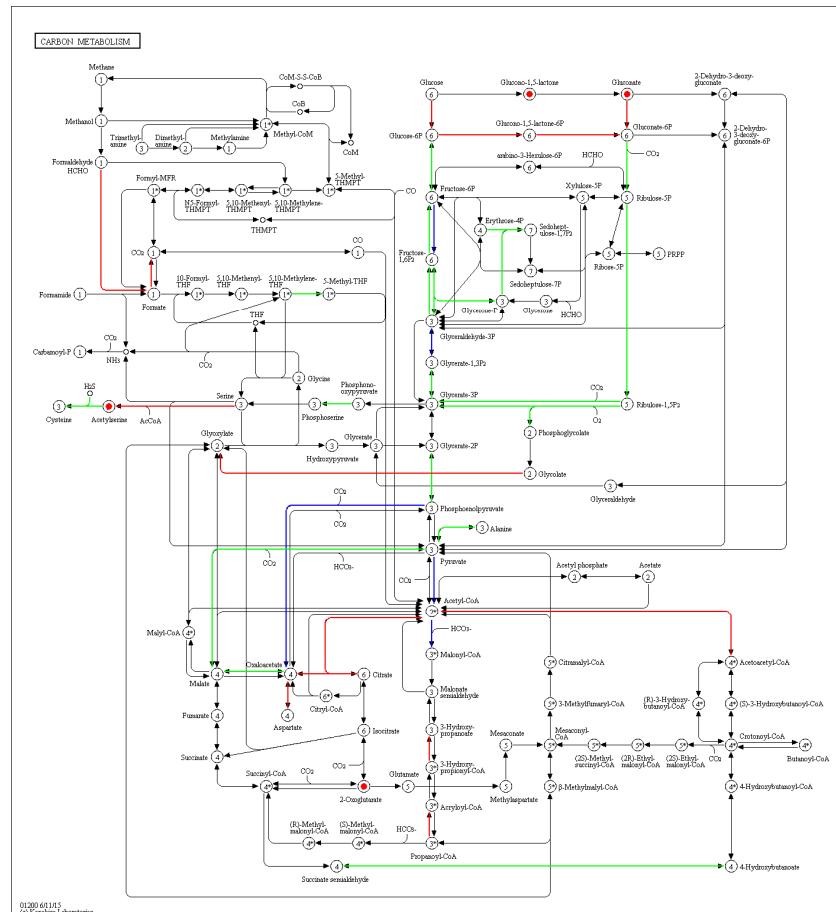
Table S1. The primers used for qRT-PCR analysis.

Primer Name	Forward Sequences (5'→3')	Reverse Sequences (5'→3')
SICAC	CCTCCGTTGTGATGTAACCTGG	ATTGGTGGAAAGTAACATCATCG
SIEF1a	TACTGGTGGTTTGAAAGCTG	AACTTCCTTCACGATTTCATCATA
SIGT-7	TGGGAGAGGTACGGCATGTA	AATCCTGCGACATGCTTCCA
SIGT-31	GCACAAGAAGTACCCCTCCC	CAAGGAAAGCAATAAGAGCCAA
SIGT-32	TCGTCGCCAGTCCATCCT	TTCTTCGTGTTGCCGTGA
SIGT-34	ACCATCAAGCTTCTAACGCTATCCG	TTTAAACTCCTCTTCCCCTCTC
SIGT-36	GTCCTGGAGTGGGGTTGAAG	GCACAAGAAGTACCCCTCCC

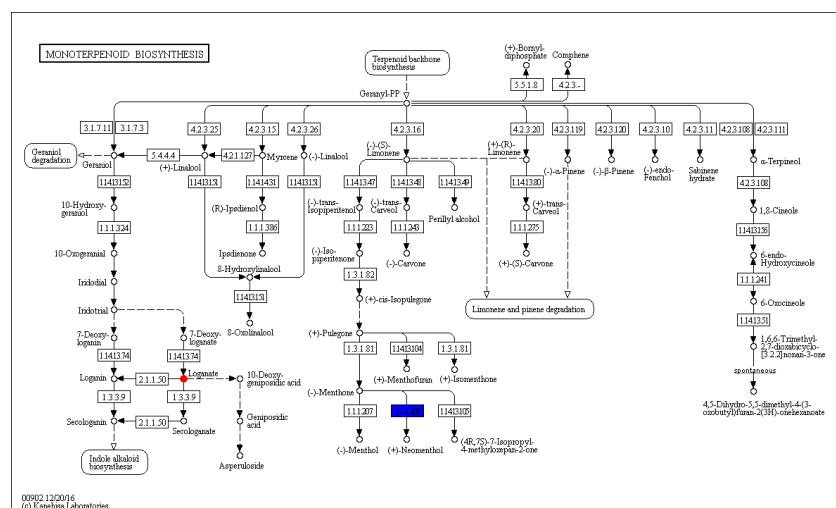
Table S2. Quality control of RNA-seq Reads in different samples.

Samples	Total Reads	Clean Reads	Mapped Reads	Unique Mapped Reads	≥Q30
WT1	48,083,964	24,041,982	45,901,481 (95.46%)	44,645,294 (92.85%)	95.46%
WT2	45,174,334	22,587,167	43,276,087 (95.80%)	42,311,051 (93.66%)	95.55%
WT3	46,112,196	23,056,098	44,245,580 (95.95%)	43,260,602 (93.82%)	95.25%
OE1	55,403,172	27,701,586	53,308,306 (96.22%)	51,967,013 (93.80%)	95.24%
OE2	45,701,750	22,850,875	43,175,875 (94.47%)	42,020,606 (91.95%)	95.15%
OE3	55,210,616	27,605,308	53,059,572 (96.10%)	51,141,744 (92.63%)	95.14%

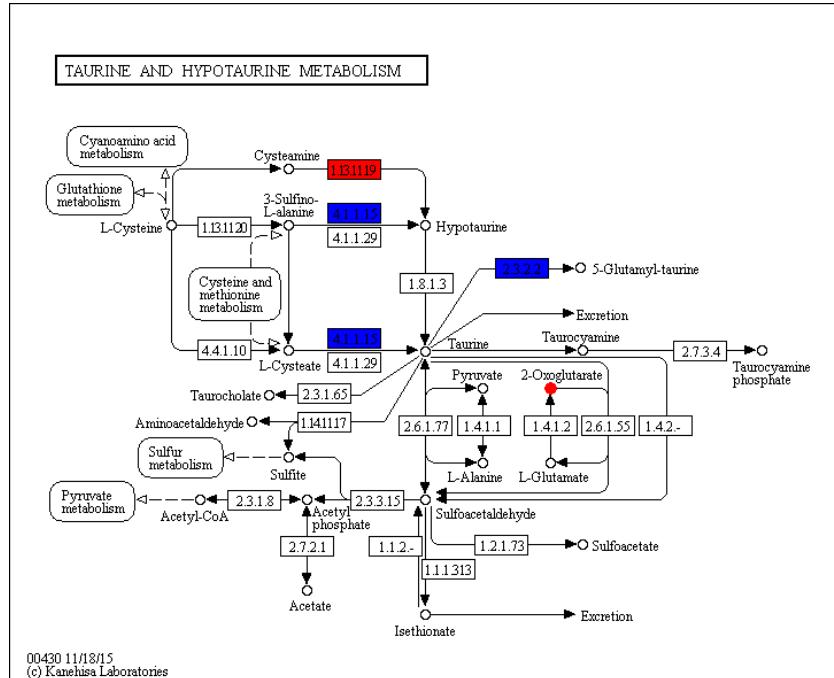
A



B



C



D

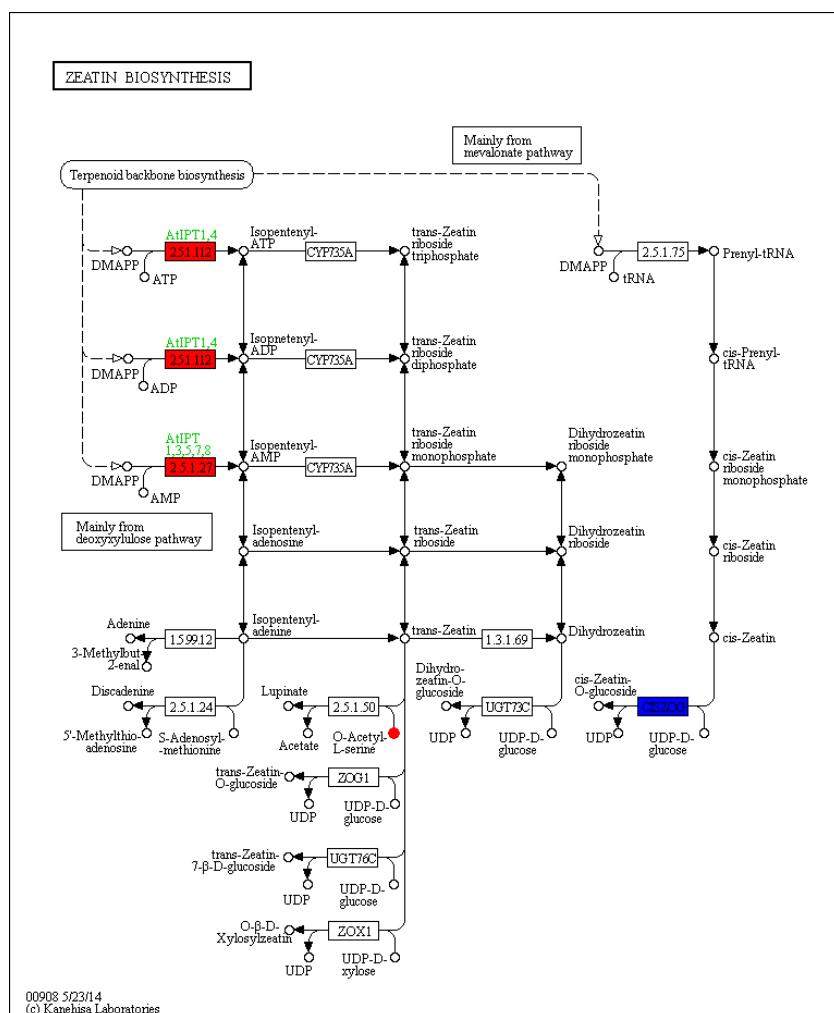


Figure S1: Key metabolites in four metabolic processes. A, carbon metabolism; B, monoterpenoid biosynthesis; C, taurine and hypotaurine metabolism; D, zeatin biosynthesis

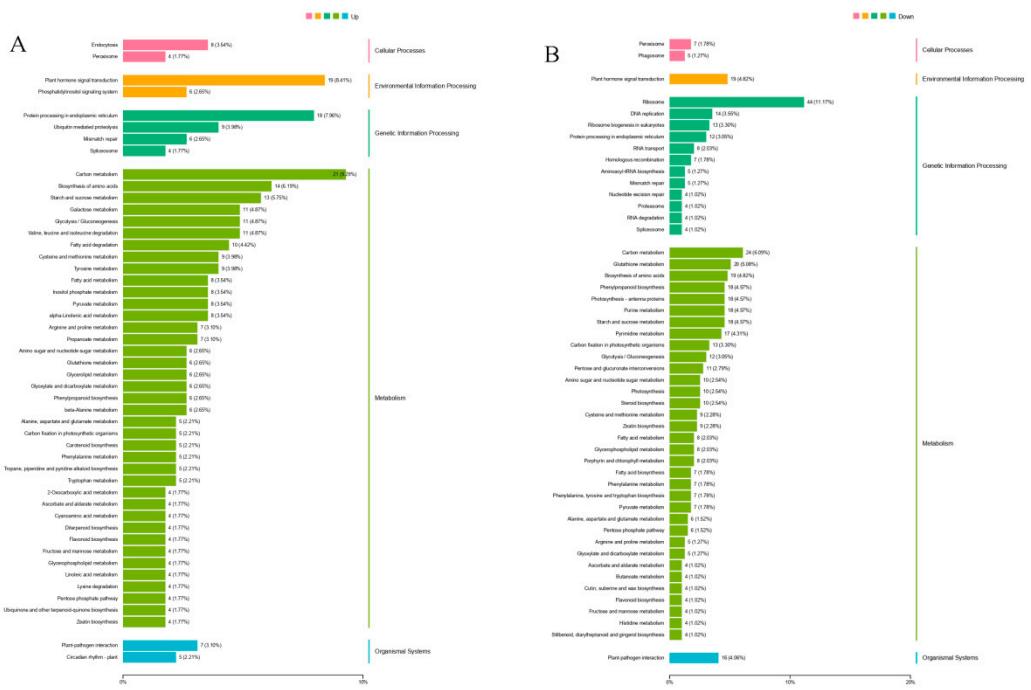


Figure S2. Comprehensive analysis of up- (A) and down-(B) regulated DEGs by KEGG.