

**Supplementary Table S7.** Expression patterns of DEGs related to fatty acid biosynthesis and fatty acid degradation during adventitious root development in cucumber.

Gene id	Gene name	FPKM(the control)	FPKM(ETH)	log2FC	Gene description	Up/down
101221009	<i>LOC101221009</i>	375.7713542	521.0006339	0.471662802	NADPH-dependent aldehyde reductase-like protein, chloroplastic	up
101210955	<i>LOC101210955</i>	562.2575873	375.8738699	-0.58118772	palmitoyl-acyl carrier protein thioesterase, chloroplastic	down
101207461	<i>LOC101207461</i>	8358.496775	12339.03771	0.561967871	long chain acyl-CoA synthetase 6, peroxisomal	up
101212158	<i>LOC101212158</i>	762.3602457	1062.390833	0.479399183	long chain acyl-CoA synthetase 8 isoform X1	up
101207461	<i>LOC101207461</i>	8358.496775	12339.03771	0.561967871	long chain acyl-CoA synthetase 6, peroxisomal	up
101212158	<i>LOC101212158</i>	762.3602457	1062.390833	0.479399183	long chain acyl-CoA synthetase 8 isoform X1	up
101210295	<i>LOC101210295</i>	6764.986849	9382.391797	0.471956374	glyoxysomal fatty acid beta-oxidation multifunctional protein MFP-a	up
101217710	<i>LOC101217710</i>	7463.409009	11385.71581	0.609384671	3-ketoacyl-CoA thiolase 2, peroxisomal-like	up
101212707	<i>LOC101212707</i>	1515.957865	1852.264464	0.289143779	acetyl-CoA acetyltransferase, cytosolic 1	up
101211996	<i>LOC101211996</i>	2260.624756	1643.027867	-0.459858207	alcohol dehydrogenase-like 7	down
101219569	<i>LOC101219569</i>	375.6855858	500.8700405	0.415714789	aldehyde dehydrogenase family 3 member H1	up
101214516	<i>LOC101214516</i>	18.84412921	1.301779452	-3.821959353	cytochrome P450 86A1	down