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Functional Plant Biology

Supplementary Material

Perception of strigolactones and the coordinated phytohormonal regulation on rice (*Oryza sativa*) tillering is affected by endogenous ascorbic acid

Le Yu[A], *Jiankai Zhou*[A], *Junlong Lin*[A], *Mengwei Chen*[A], *Fang Liu*[A], *Xinlin Zheng*[A], *Liping Zhou*[A], *Ruozhong Wang*[B], *Langtao Xiao*[B], *and Yonghai Liu*[A,C,*]

[A]College of Life Science, Zhaoqing University, Zhaoqing, Guangdong 526061, China.

[B]Hunan Provincial Key Laboratory of Phytohormones and Growth Development, Hunan Agricultural University, Changsha, Hunan 410128, China.

[C]Zhaoqing Branch Center of Guangdong Laboratory for Lingnan Modern Agricultural Science and Technology, Zhaoqing, Guangdong 526238, China.

[*]Correspondence to: Yonghai Liu College of Life Science, Zhaoqing University, Zhaoqing, Guangdong 526061, China Email: 534537324@qq.com

Table S1. Asc content and Asc / DHA of L-GalLDH transgenic rice plants at different tillering stage.

	Asc content (mg g^{-1}FW)			Asc / DHA		
Lines	40 days	60 days	80 days	40 days	60 days	80 days
	Leaf			Leaf		
GI-1	0.069 ± 0.002^{h}	0.069 ± 0.002^{h}	0.172 ± 0.006^{d}	0.397 ± 0.014^{g}	0.375 ± 0.009^{g}	0.941 ± 0.024^{c}
GI-2	0.087 ± 0.001^{g}	0.092 ± 0.003^{g}	0.192 ± 0.005^{c}	0.540 ± 0.020f	0.588 ± 0.015^{f}	1.255 ± 0.058^{b}
WT	0.110 ± 0.003^{f}	0.134 ± 0.007^{e}	0.271 ± 0.004^{b}	0.573 ± 0.061^{f}	0.852 ± 0.046^{cd}	1.719 ± 0.107^{a}
GO-2	0.128 ± 0.006^{e}	0.185 ± 0.003^{c}	0.292 ± 0.004^{a}	0.662 ± 0.049^{ef}	0.740 ± 0.030^{de}	1.834 ± 0.084^{a}
	Stem			Stem		
GI-1	0.010 ± 0.001^{g}	0.017 ± 0.001^{abcd}	0.011 ± 0.001^{f}	0.128 ± 0.008^{f}	0.290 ± 0.033^{e}	0.307 ± 0.021^{de}
GI-2	0.012 ± 0.000^{efg}	0.017 ± 0.001^{abcd}	0.015 ± 0.001^{bcde}	0.143 ± 0.014^{f}	0.363 ± 0.025^{bcde}	0.385 ± 0.041^{bcd}
WT	0.013 ± 0.001^{def}	0.017 ± 0.002^{abcd}	0.016 ± 0.001^{abcd}	0.329 ± 0.002^{cde}	0.355 ± 0.040^{cde}	0.502 ± 0.058^{a}
GO-2	0.014 ± 0.001^{cdef}	0.018 ± 0.001^{a}	0.018 ± 0.001^{abcd}	0.324 ± 0.035^{cde}	0.396 ± 0.010^{bc}	0.437 ± 0.030^{ab}
	Root			Root		
GI-1	0.028 ± 0.001^{d}	0.066 ± 0.002^{a}	0.068 ± 0.001^{a}	0.084 ± 0.001^{g}	0.010 ± 0.004^{fg}	0.208 ± 0.164^{b}
GI-2	0.030 ± 0.001^{d}	0.052 ± 0.001^{b}	0.068 ± 0.002^{a}	0.132 ± 0.002^{def}	0.103 ± 0.006^{fg}	0.191 ± 0.005^{bc}
WT	0.039 ± 0.005^{c}	0.040 ± 0.001^{c}	0.051 ± 0.002^{b}	0.120 ± 0.018^{efg}	0.162 ± 0.020^{cd}	0.153 ± 0.020^{cde}
GO-2	0.042 ± 0.001^{c}	0.026 ± 0.000^{d}	0.028 ± 0.001^{d}	0.151 ± 0.004^{de}	0.272 ± 0.016^{a}	0.263 ± 0.033^{a}