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Elevated CO<sub>2</sub> induces alteration in lignin accumulation in celery (*Apium graveolens* L.)

Jie-Xia Liu, Kai Feng, Guang-Long Wang, Zhi-Sheng Xu, Feng Wang, Ai-Sheng Xiong

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1 Elevated CO<sub>2</sub> induces alteration in lignin accumulation in celery 2 (Apium graveolens L.) 3 4 Jie-Xia Liu, Kai Feng, Guang-Long Wang, Zhi-Sheng Xu, Feng Wang, Ai-Sheng 5 Xiong\* 6 7 State Key Laboratory of Crop Genetics and Germplasm Enhancement, College of 8 Horticulture, Nanjing Agricultural University, 1 Weigang, Nanjing, 210095, China 9 10 \*Please address all correspondence to: Xiong A.S. (xiongaisheng@njau.edu.cn) 11 12 13 Dr. Ai-Sheng Xiong Professor 14 State Key Laboratory of Crop Genetics and Germplasm Enhancement, 15 College of Horticulture, 16 Nanjing Agricultural University, 17 Nanjing, 210095, China 18

Fax: 86 25 84396790

Email: xiongaisheng@njau.edu.cn

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