Supplementary Information

Metabolite Profiling of the Response of Burdock Roots to Copper Stress

Youngae Jung^{1,}, Miyoung Ha^{1,2}, Jueun Lee^{1,3}, Yun Gyong Ahn¹, Jong Hwan Kwak⁴, Do Hyun Ryu³* and Geum-Sook Hwang^{1,5}*

 ¹Integrated Metabolomics Research Group, Western Seoul Center, Korea Basic Science Institute, Seoul 120-140, Republic of Korea
²Nonghyup Food Safety Research Institute, Seoul 137-130, Republic of Korea
³Department of Chemistry, Sungkyunkwan University, Suwon 440-746, Republic of Korea
⁴Department of Pharmacy, Sungkyunkwan University, Suwon 440-746, Republic of Korea
⁵Graduate School of Analytical Science and Technology, Chungnam National University, Daejeon 305-764, Republic of Korea

* Corresponding Authors

Geum-Sook Hwang: Korea Basic Science Institute, Seoul 120-140, Korea. Phone: +82-2-6908-6200. Fax: +82-2-6908-6239. E-mail:gshwang@kbsi.re.kr.



Figure S1. Pictures of burdock roots following (a) incubation in DW for 1 day, (B) incubation in 100 μ M CuCl2 for 1 day, (C) incubation in DW for 6 days and (D) incubation in 100 μ M CuCl2 for 6 days.