



Corrigendum: Enhancement of RNA-directed DNA methylation of a transgene by simultaneously downregulating a *ROS1* ortholog using a virus vector in *Nicotiana benthamiana*

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A corrigendum on

Enhancement of RNA-directed DNA methylation of a transgene by simultaneously downregulating a *ROS1* ortholog using a virus vector in *Nicotiana benthamiana* by Otagaki, S., Kasai, M., Masuta, C. and Kanazawa, A. (2013). *Front. Genet.* 4:44. doi: 10.3389/fgene.2013.00044

We have become aware that an incorrect image was mistakenly used for **Figure 2C** in the original publication. The correct version of **Figure 2** is shown here. We should also note that the primers used for quantitative RT-PCR of the *NbROS1* gene listed in Table A1 turned out to have a sequence mismatch with the target. The mismatched nucleotides in these primers are underlined: 5'-CCAAGAAGCTGGTAGGTTAT-3' (*NbROS1* real 3' F); 5'-GCAAACACCTCGTTAACTT-3' (*NbROS1* real 3' R). We found that a set of primers without sequence mismatch (5'-CCAAGAAGCTGGTAGGCTAT-3'; 5'-GCAAACACCTCGTTAACTT-3') yielded amplification products at a higher level, although both primer sets amplified a single DNA fragment and were valid for quantification, i.e., comparison of the relative level of *NbROS1* mRNA between samples.

The correct **Figure 2** with its legend appears below. The authors apologize for any inconvenience caused.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

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