Erratum to: Cloning and Characterization of a Novel NAC Family Gene *CarNAC1* from Chickpea (*Cicer arietinum* L.)

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These are the appropriate CarNAC1 figures that replace the CarNAC3 figures (due to dissimilar chemical activity) in the original article. These changes have no effect on discussion.

Figure 3

Figures a, b, and c illustrate the positive controls for GFP expression in CarNAC1, subcellular localizations that contrast that of CarNAC3.

Fig. 3 Nuclear localization of the CarNAC1 protein. The GFPs and CarNAC1::GFP fusion proteins were transiently expressed in onion epidermal cells and analyzed by confocal microscopy (wavelength 488 nm). **a, d** Fluorescent images of GFP; **b, e** bright light images; **c, f** the merged images

Figure 4

Only the YPAD image has been replaced; the original SD/His and X-Gal figures show the accurate activity of CarNAC1, which is different from that of CarNAC3.

The online version of the original article can be found under doi:[10.1007/s12033-009-9202-8](https://doi.org/10.1007/s12033-009-9202-8).

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Fig. 4 Trans-activation activity of CarNAC1. **a** Schematic diagram of mutant constructs of CarNAC1. The *numbers* on the left indicate the last residues of polypeptides. **b** Trans-activation analysis of CarNAC1 in yeast. All plasmids were transformed into the yeast strain MV203. The transformants were streaked on the YAPD and synthetic defined medium lacking histidine (SD/His⁻) plates for examination of growth. The plates were incubated at 30 °C for 3 days and subjected to β -gal assay. X-Gal, 5-bromo-5-chloro-3-indolyl- β -D-galactoside

Figure 5

Images of the tissues in parts b, c, and d have been removed to prevent confusion or association with CarNAC3. The PCR results in the original article demonstrate the actual results corresponding to CarNAC1.

Fig. 5 Expression patterns of *CarNAC1* gene in different organs and various developmental processes. **a** Organ-specific expression of *CarNAC1*. 1–6 Roots of seedlings; stems of seedling; leaves of seedling; flowers; young pods at 15 DAF, developing seeds at 15 DAF. *M* molecular mass marker DL2000. **b** Expression pattern of *CarNAC1* in the leaf senescence process. 1–3 Onset of senescence,

mid senescence, advanced senescence. **c** Expression pattern of *CarNAC1* in seed developmental process. 1–6 5 DAF, 10 DAF, 15 DAF, 20 DAF, 25 DAF, and 30 DAF. **d** Expression pattern of *CarNAC1* in the embryos during seed germination process. 1–6 2 h after the initial imbibition (HAI); 6 HAI, 12 HAI, 24 HAI, 36 HAI, and 48 HAI