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Author Correction: Synergy of arbuscular mycorrhizal symbiosis and exogenous Ca^{2+} benefits peanut (*Arachis hypogaea* L.) growth through the shared hormone and flavonoid pathway

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-019-52630-7>, published online 07 November 2019

This Article contains errors.

The legend in Table 1 contains a typographical error where, “Differentially expressed genes of AM-specific markers in roots of $\text{Ca}_0 + \text{AM}$ and $\text{Ca}_6 + \text{AM}$ treated plants compared with controls. Values represent significant changes in roots of AM plants under Ca^{2+} deficient and sufficient conditions compared with the control (NM-Ca). Positive and negative ratios indicate up- and down-regulated genes. – Represents no significant alterations at $\log_2\text{FoldChange} \geq 1$ and $P \text{ value} \leq 0.05$ level.”

should read:

“Differentially expressed genes of AM-specific markers in roots of $\text{Ca}_0 + \text{AM}$ and $\text{Ca}_6 + \text{AM}$ treated plants compared with controls. Values represent significant changes in roots of AM plants under Ca^{2+} deficient and sufficient conditions compared with the control. Positive and negative ratios indicate up- and down-regulated genes. – Represents no significant alterations at $\log_2\text{FoldChange} \geq 1$ and $P \text{ value} \leq 0.05$ level.”

Table 2 contains a typographical error where,

“GeneID Gene Description $\text{Ca}_0 + \text{AM/CK}$ $\text{Ca}_6 - \text{AM/CK}$ $\text{Ca}_6 + \text{AM/CK}$ ”

should Read:

“GeneID Gene Description $\text{Ca}_0 + \text{AM/CK}$ $\text{Ca}_6 - \text{AM/CK}$ $\text{Ca}_6 + \text{AM/CK}$ ”

Additionally, the legend of Table 2 contains a typographical error where, “List of selected altered genes involved in hormone signal transduction in roots of $\text{Ca}_0 + \text{AM}$, $\text{Ca}_6 - \text{AM}$, and $\text{Ca}_6 + \text{AM}$ treated plants compared with controls. Values represent significant alterations in AM or Ca^{2+} -treated plants compared with the control. Positive and negative ratios indicate up- and down-regulated genes. – Represents no significant alterations at $\log_2\text{FoldChange} \geq 1$ and $P \leq 0.05$ level.”

should Read:

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“List of selected altered genes involved in hormone signal transduction in roots of Ca_0+AM , Ca_6-AM , and Ca_6+AM treated plants compared with controls. Values represent significant alterations in AM or Ca^{2+} -treated plants compared with the control. Positive and negative ratios indicate up- and down-regulated genes. – Represents no significant alterations at $\log_2\text{FoldChange} \geq 1$ and $P \leq 0.05$ level.”

Finally, this Article contains a typographical error in the Methods section under subheading ‘Plant material and growth conditions.’ where, “The germinated seeds were transferred to pots filled with quartz sand which was rinsed with deionized water 10 times to remove as much Ca^{2+} as possible, and then seeds were sterilized at 121 °C for 30 min.”

should read:

“The germinated seeds were transferred to pots filled with quartz sand which was rinsed with deionized water 10 times to remove as much Ca^{2+} as possible, and the quartz sand was sterilized at 121 °C for 30 min.”



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