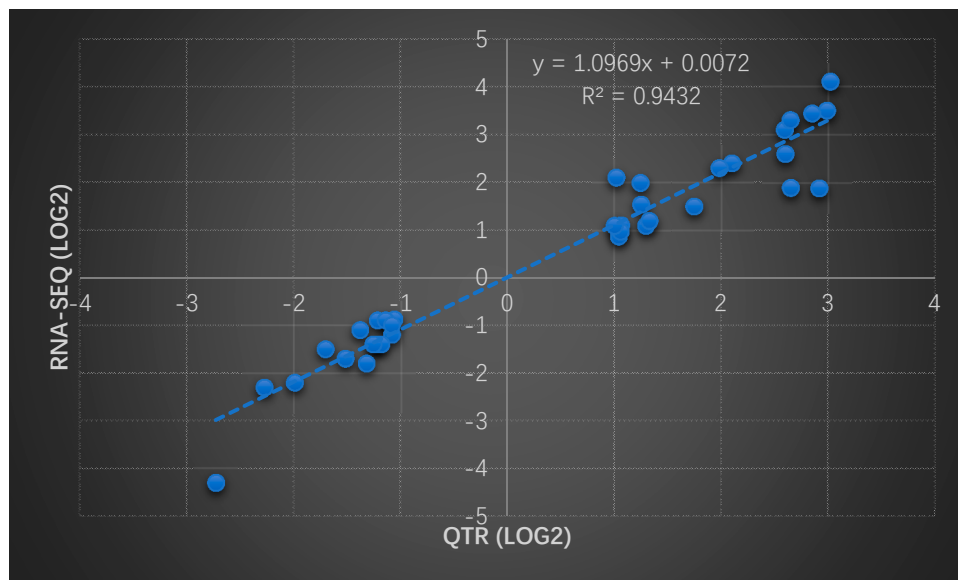


Supplemental Figure S1. Al accumulation in roots and shoots of rice bean and buckwheat. Two-week-old seedlings were exposed to 1/5 strength low-phosphate (10 μM) Hoagland nutrient solution containing 0 or 20 μM Al for 24 h. Al concentration in roots (**A**) and shoot (**B**) were determined by inductively coupled plasma atomic emission spectrometry. Data are means \pm SD ($n = 4$). Asterisk represents statistically significant difference (t -test, $p < 0.05$).



Supplemental Figure S2. Correlation of gene expression levels between RNA-seq data and qRT-PCR analysis. Twenty upregulated and fifteen downregulated genes were selected and subjected to qRT-PCR analysis using the same RNA as for RNA-seq. 18S rRNA was used as an internal standard. RNA-seq data were plotted against data from qRT-PCR. Both x - and y -axes are shown in \log_2 scale.