



Figure 7

Leaf mineral content and metal responsive gene expression in rice leaves grown under different Pi application conditions. The content of each mineral nutrient was quantified on the leaf dry matter basis (a). These results are expressed as mean \pm SD ($n = 3-4$). (b) shows the mRNA expression of the metal-deficiency-responsive genes *ZIP4*, *IRO2*, and *COPT1* in the leaves. The mRNA expression is expressed on the F.W. (red bars) and 18S ribosome expression (blue bars) basis. These results are expressed as mean \pm SD ($n = 3-7$). Different alphabets indicate significant differences among different Pi application conditions (Tukey-Kramer's HSD test, $p < 0.05$).