



Figure 7

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