



Figure 8

mRNA expression involved in phytic acid synthesis and phytic acid concentration in rice leaf blades. (a) Scheme of phytic acid synthesis in plants (Penera et al., 2019). (b) mRNA expression involved in phytic acid synthesis is expressed on a fresh weight (F.W.) (red bars) and 18S ribosome expression (blue bars) basis. (c) and (d) Leaf phytic acid concentration expressed on a F.W. and leaf area basis, respectively. (e) Molecular ratio of phytic acid to free Pi in leaves. Results are expressed as mean \pm SD ($n = 3-4$). Different letters indicate significant differences among different Pi conditions (Tukey's HSD test, $p < 0.05$).