



Figure 8

mRNA expression involved in phytic acid synthesis and phytic acid content in leaves. (a) shows the scheme of phytic acid synthesis in plants (Penera et al., 2019). (b) shows the mRNA expression of phytic acid synthesis mRNA expression was expressed on the F.W. (red bars) and 18S ribosome expression (blue bars) basis. (c) and (d) show leaf phytic acid content expresses on the F.W. and leaf area basis, respectively. (e) shows the molecular ratio of phytic acid to free Pi in leaves. These results are expressed as mean \pm SD ($n = 3-4$). Different alphabets indicate significant differences among different Pi application conditions (Tukey-Kramer's HSD test, $p < 0.05$).