



Supplementary Fig. S3. ATR-FTIR spectra of rhizosphere and bulk samples in bauxite residues. Note: CK: bulk samples without plant colonization; SB: rhizosphere of saltbush (*Atriplex aminocola*); RG: rhizosphere of Rhodes grass (*Chloris gayana*); RS: rhizosphere of Ruby saltbush (*Enchylaena tomentosa* var. *glabra*). The treatment “No P”, “Low P” and “High P” represent the amendment of super-phosphate (super-P) at rates (kg P/ha) of 0 (No P), 95 (Low-P), and 250 (High-P), respectively.