**Phosphorus deficiencies invoke lipids-like enrich in sweetpotato rhizosphere to stimulate bacterial inositol phosphate metabolism**

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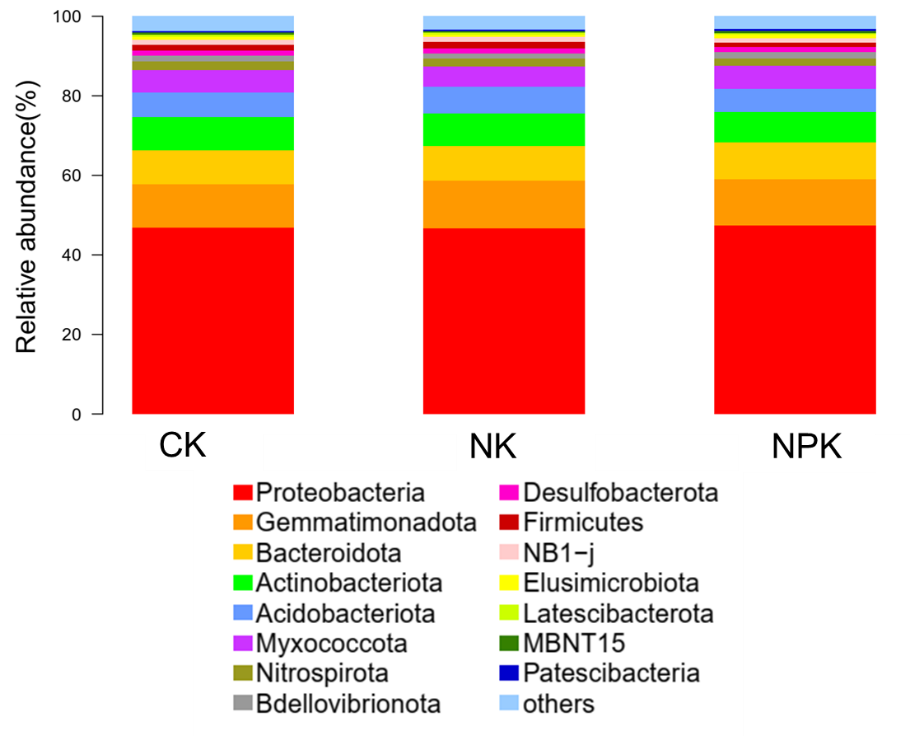


Fig. S1 Top 15 dominant phylum of bacterial community Shangshu 19 rhizosphere among different treatments. Note: CK, NK and NPK represent non fertilization treatment, nitrogen and potassium application treatment and nitrogen, phosphorus and potassium application treatment, respectively. Same below

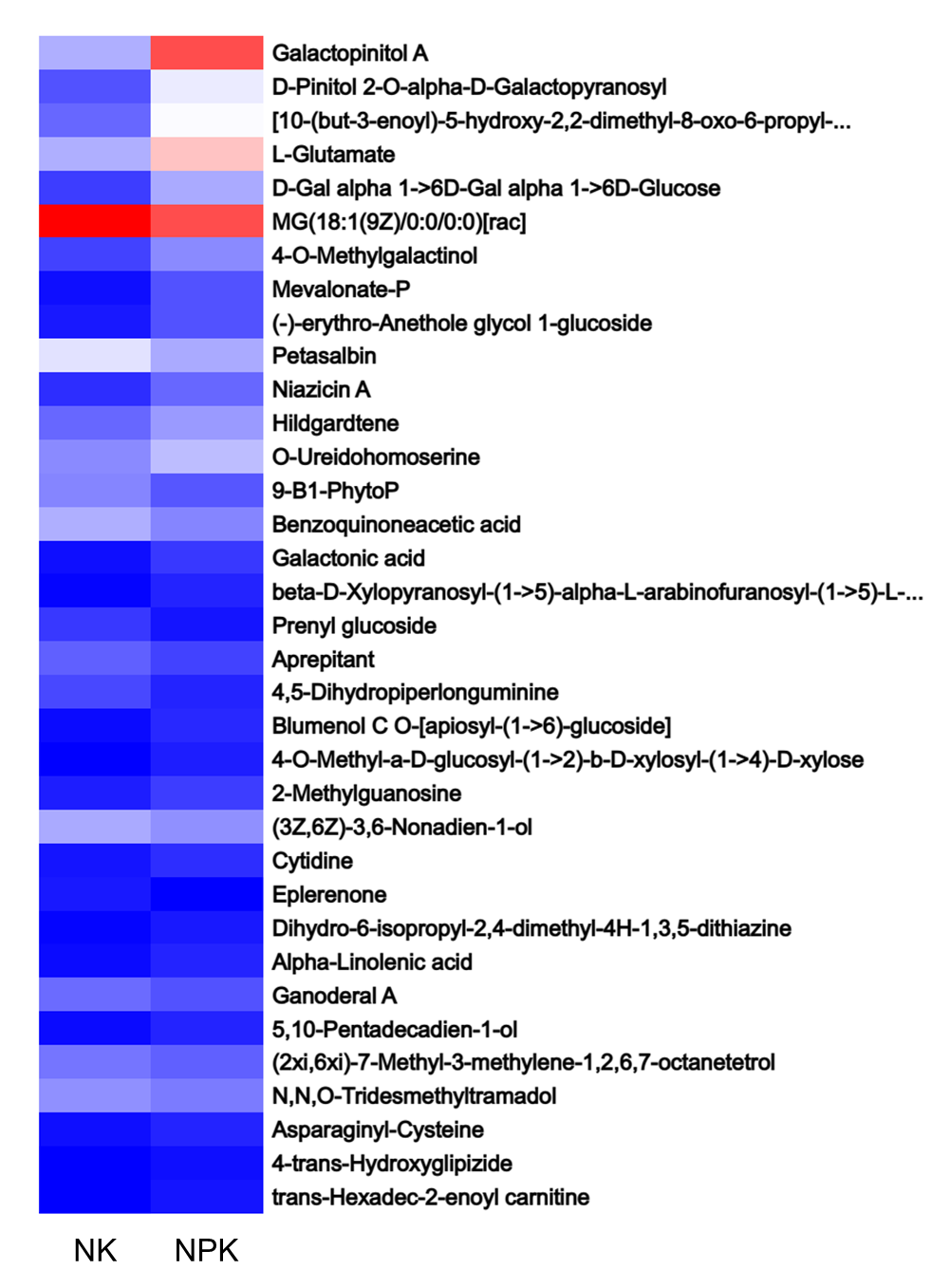


Fig. S2 Differentially expressed metabolites (DEMs) (A) of Shangshu 19 rhizosphere

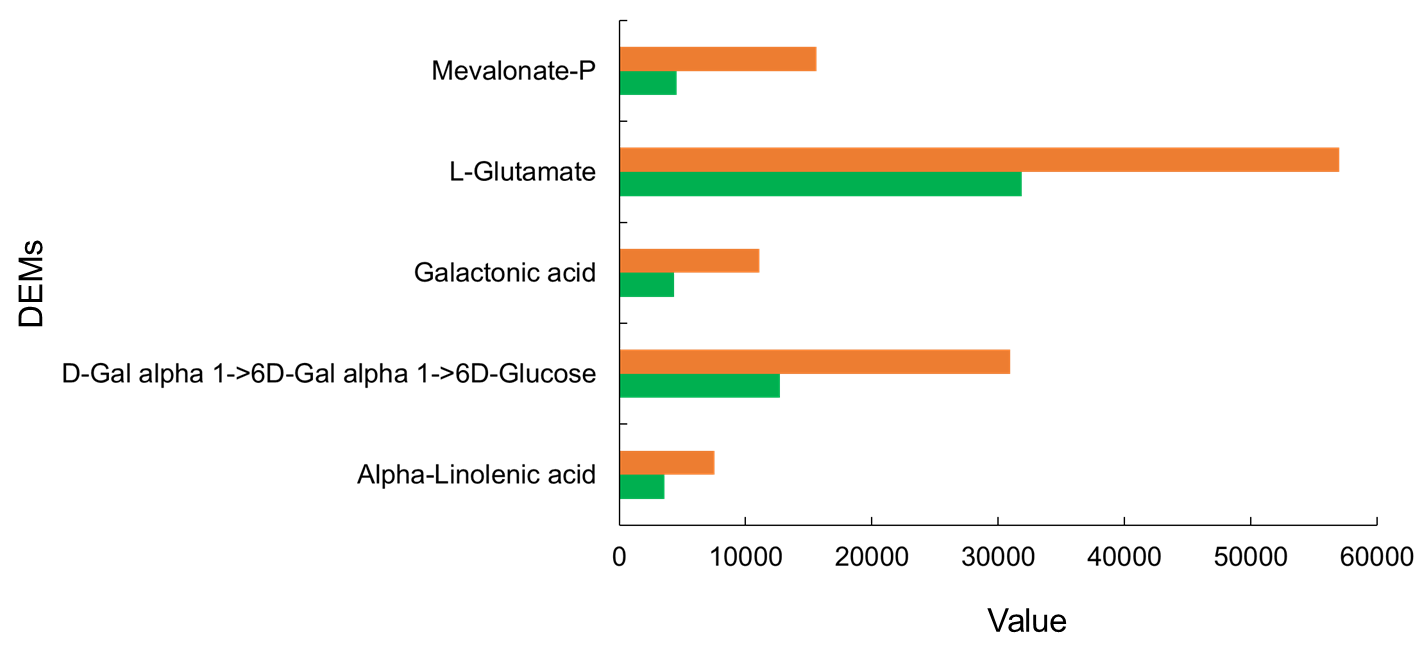


Fig. S3 KEGG enriched differentially expressed metabolites (DEMs) of Shangshu 19 rhizosphere