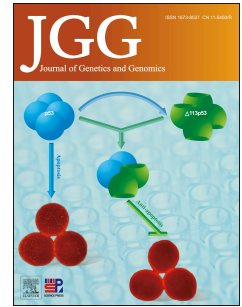


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Organic acid anions: An effective defensive weapon for plants against aluminum toxicity and phosphorus deficiency in acidic soils

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1 **Organic acid anions: An effective defensive weapon for plants against aluminum**  
2 **toxicity and phosphorus deficiency in acidic soils**

3

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10

11 **Abbreviations:**

12 Al, aluminum; ALMT, aluminum-activated malate transporter; MATE, multidrug and  
13 toxic compound extrusion; OAs, organic acid anions; P, phosphorus; Pi, phosphate

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