

BESC - Gene E impacting biomass properties in Populus

Disclosure Number

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Technology Summary

Apart from the impact on sugar release efficiency of biomass, the plant cell wall and biomass properties affected by alterations in function of this gene render it important to consider for other plant productivity, sustainability, disease resistance and belowground carbon biosequestration properties. The gene reported here can be used as a candidate in marker-assisted breeding to identify individual genotypes or genetically transform plants to improve crop properties.

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