Experimental process of GmAGL1 transformation

- Method: Agrobacterium - mediated cotyledon method
- Marker gene: cp4-EPSPS
- Screening agent: glyphosate 5-10mg / L
- Plant Material: Jack

Experimental steps

1. Selected soybean seeds

![Selected soybean seeds](image1)

2. Seeds disinfection

![Seeds disinfection](image2)
3. Seeds germination

4. Agrobacterium infection of soybean cotyledon

5. Agrobacterium and soybean explants co-culture
6. Shoots induction

7. Shoots elongation
8、Tissue culture seedlings rooting

9、Tissue culture plants indoor transplantation
10. Pods of transgenic plants

11. Detection of T0 generation transgenic plants

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<th>Marker plm</th>
<th>H2O</th>
<th>Jack</th>
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