The bacteria are plated onto a selective medium. Only bacteria with the desired gene and the selection marker gene will survive. The bacteria serve as a ready supply of the desired gene for use by scientists. Separation of the desired gene The transformation plasmid with the desired gene is separated from the bacterial cells and purified. Transference of the desired gene Scientists choose an appropriate insertion method to insert the desired gene into the plant cells they are studying
Separation of the desired gene The transformation plasmid with the desired gene is separated from the bacterial cells and purified. Image: Separate from the bacterial cells and purified. Image: Separate from the bacterial cells and purified. Scientists choose an appropriate insertion method to insert the desired gene into the plant cells they are studying.
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Transference of the desired gene Scientists choose an appropriate insertion method to insert the desired gene into the plant cells they are studying
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are studying.
Propagating the genetically engineered plants
Plant cells are grown on selective media so that only the transformed cells carrying the new genes will grow. The media also contains substances that encourage the plant cells to grow into new plants.
Testing the genetically engineered plants
The plant is tested to determine if it incorporated the desired trait.

