

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-103896-5

LAST UPDATED: 15 FEB 2021

General information

Name of genetic element

Acetohydroxy acid Synthase gene Terminator

EN

Alternate genetic element name(s) (synonym(s))

Acetolactate Synthase gene Terminator

EN

T-gm-als

EN

Abbreviation

T-ahas-SOYBN

EN

Category

Terminator

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-10453-6](#) ORGANISM | GLYCINE MAX (SOYBEAN, SOYA BEAN, SOYA, SOYBN) |
Crops

Characteristics of the protein coding sequence

Additional Information

The gm-als gene terminator is derived from the native soy als gene from which the modified gm-hra coding sequence is generated.

GM-HRA protein confers tolerance to a sulfonylurea herbicide and may be used as a selectable marker during transformation.

EN

Other relevant website addresses and/or attached documents

? [Molecular characterization of Als1, an acetohydroxyacid synthase mutation conferring resistance to sulfonylurea herbicides in soybean.pdf \(English \)](#)

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Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

**Secretariat of the Convention
on Biological Diversity**

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