

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-103856-6

LAST UPDATED: 16 FEB 2021

General information

Name of genetic element

α' subunit of β -conglycinin gene terminator

EN

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

3' region of 7S alpha seed storage protein

EN

Abbreviation

T-7Salpha-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

3' region of the Glycine max gene encoding the 7S α' seed storage protein of β -conglycinin, including 35 nucleotides of the carboxyl terminal β -conglycinin coding region with the termination codon and the polyadenylation sequence (Schuler et al., 1982). The element functions to terminate transcription and direct polyadenylation of the mRNA

EN

Other relevant website addresses and/or attached documents

? [Biosynthesis of subunits of the soybean 7S storage protein](#) (English)

[BCH-GENE-SCBD-103856-6](#)

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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