

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-115646-1

LAST UPDATED: 16 JUL 2020

General information

Name of genetic element

Arcelin-5 terminator

EN

Abbreviation

T-PvARC5

EN

Category

Terminator

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-104363-5](#) ORGANISM | PHASEOLUS VULGARIS (STRING BEAN, FRENCH BEAN, KIDNEY BEAN, COMMON BEAN , PHAVU) |
Crops

Characteristics of the protein coding sequence

Additional Information

Phaseolus vulgaris arcelin-5 terminator contains the necessary sequences to signal termination of transcription and direct poly-adenylation of the transcript. The sequence may contribute to seed-specific expression in conjunction with the ARC5 promoter.

EN

Other relevant website addresses and/or attached documents

- ? [GenBank - Sequence 2 from Patent EP2649180](#) (English)
- ? [The arcelin-5 Gene of Phaseolus vulgaris Directs High Seed-Specific Expression in Transgenic Phaseolus acutifolius and Arabidopsis Plants.pdf](#) (English)
- ? [Isolation and Characterisation of Arcelin-5 Proteins and cDNAs.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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