

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-115644-1

LAST UPDATED: 15 JUL 2020

General information

Name of genetic element

Arcelin-5 promoter

EN

Abbreviation

P-PvARC5

EN

Category

Promoter

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 promoter promotes high levels of transcription in seed tissues.

EN

Other relevant website addresses and/or attached documents

- ? [Isolation and Characterisation of Arcelin-5 Proteins and cDNAs.pdf](#) (English)
- ? [The arcelin-5 Gene of Phaseolus vulgaris Directs High Seed-Specific Expression in Transgenic Phaseolus acutifolius and Arabidopsis Plants.pdf](#) (English)
- ? [US Patent US6927321 \(Arcelin-5 promoter and uses thereof\).pdf](#) (English)
- ? [GenBank - Sequence 2 from Patent EP2649180](#) (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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