

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-114684-1

LAST UPDATED: 10 MAY 2019

General information

Name of genetic element

Ribulose 1,5-bisphosphate carboxylase/oxygenase small subunit 3B promoter

EN

Abbreviation

P-AtRbcS3B

EN

Category

Promoter

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-12098-4](#) ORGANISM | ARABIDOPSIS THALIANA (THALE CRESS, MOUSE-EAR CRESS, ARABIDOPSIS, ARATH) |

Plants

Characteristics of the protein coding sequence

Additional Information

RUBISCO SMALL SUBUNIT 3B (RBCS3B) can be found localized to the chloroplasts and expressed throughout the plants.

EN

Other relevant website addresses and/or attached documents

? [NCBI - RBCS3B Ribulose bisphosphate carboxylase \(small chain\) family protein \[Arabidopsis thaliana \(thale cress\) \]](#) (English)

? [UniProt - Arabidopsis RBCS3B](#) (English)

? [TAIR - Arabidopsis RUBISCO SMALL SUBUNIT 3B](#) (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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