

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-101406-4

LAST UPDATED: 22 JUN 2021

General information

Name of genetic element

Phosphoenolpyruvate carboxylase, intron 9

EN

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

iPEPC9

EN

Abbreviation

I-9_pepc-MAIZE

EN

Category

Other (Intron)

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-246-6](#) ORGANISM | ZEA MAYS (MAIZE, CORN, MAIZE) |

Crops

Characteristics of the protein coding sequence

Additional Information

The intron #9 of the phosphoenolpyruvate carboxylase (PEPC) of maize may be combined in a gene cassette to enhance expression of a transgene in maize.

EN

Other relevant website addresses and/or attached documents

? [Complete structure of the gene for phosphoenolpyruvate carboxylase from maize.pdf](#) (English)

[BCH-GENE-SCBD-101406-4](#)

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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