

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-46121-3

LAST UPDATED: 06 JUL 2012

General information

Name of genetic element

7Crp gene

EN

Abbreviation

CS-7Crp

EN

Category

Protein coding sequence

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-46120-6](#) ORGANISM | CRYPTOMERIA JAPONICA (JAPANESE CEDAR) |

Trees

Characteristics of the protein coding sequence

Name of the protein expressed by the coding sequence

7Crp peptide

EN

Biological function of the protein

7Crp gene derived from cedar pollen Cryj I and Cryj II allergen protein genes. This gene encodes an artificial peptide linking seven-site sequences recognized by the human cedar allergen-specific T cells.

EN

Related trait(s) or use(s) in biotechnology

Changes in quality and/or metabolite content
Allergens

Additional Information

Other relevant website addresses and/or attached documents

? [Biochemical safety evaluation of transgenic rice seeds expressing T cell epitopes of Japanese cedar pollen allergens.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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