

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-115846-2

LAST UPDATED: 16 DEC 2020

General information

Name of genetic element

Albino and pale green 6 target sequence

EN

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

Casein lytic proteinase B3 transit peptide

EN

AT5G15450 transit peptide

EN

Abbreviation

TP-apg6-ARATH

EN

Category

Transit signal

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

The *Arabidopsis thaliana* albino and pale green 6 transit peptide directs the translated protein to the chloroplast.

EN

Other relevant website addresses and/or attached documents

- ? [NCBI Genbank - Arabidopsis thaliana casein lytic proteinase B3 \(CLPB3\), mRNA](#) (English)
- ? [UniProtKB - Chaperone protein ClpB3, chloroplastic](#) (English)

? [TAIR - At5g15450](#) (*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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