

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-111543-1 [EN](#) [DE](#)

LAST UPDATED: 30 JAN 2017

General information

Name of genetic element

Alpha-amylase signal peptide

EN

Abbreviation

TP-amy1-HORVU

EN

Category

Transit signal

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-12110-5](#) ORGANISM | HORDEUM VULGARE (BARLEY, HORVU) |
Crops

Characteristics of the protein coding sequence

Additional Information

The transit peptide of the alpha-amylase leads to the transport of the fused protein into the endoplasmic reticulum and therefore its final export into the intercellular space.

EN

Other relevant website addresses and/or attached documents

? [Isolation and Sequence Analysis of a Barley a-Amylase cDNA Clone \(English \)](#)

[BCH-GENE-SCBD-111543-1](#)

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.

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on Biological Diversity**

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