

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-115620-1

LAST UPDATED: 25 JUN 2020

General information

Name of genetic element

Common region

EN

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

Intergenic promoter

EN

Bidirectional promoter

EN

iP

EN

Abbreviation

CR

EN

Category

Double-stranded RNA

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-114696-3](#) ORGANISM | AFRICAN CASSAVA MOSAIC VIRUS (ACMV) |

Viruses

Characteristics of the protein coding sequence

Additional Information

The common region is a regulatory region that can be found on both genomic segments of the African cassava mosaic viral genome. For both segments, the region contains a conserved stem-loop structure and plays a role in rolling circle amplification of the viral genome. The sequence also contains a bi-directional promoter.

EN

Other relevant website addresses and/or attached documents

? [APS - Cassava Mosaic Disease \(English \)](#)

? [Transgenic cassava resistance to African cassava mosaic virus is enhanced by viral DNA-A bidirectional promoter-derived siRNAs.pdf \(English \)](#)

[BCH-GENE-SCBD-115620-1](#)

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.

**Secretariat of the Convention
on Biological Diversity**

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