

Biosafety Clearing-House (BCH)

GENETIC ELEMENT (GENE)

BCH-GENE-SCBD-111871-2 EN DE

LAST UPDATED: 16 MAY 2017

General information

Name of genetic element

COS site

EN

Abbreviation

V-cos-LAMBD

EN

Category

Other (Excision-integration site)

Is this genetic element a synthetic molecule?

No

Donor organism

Donor organism(s)

[BCH-ORGA-SCBD-111831-2](#) ORGANISM | ESCHERICHIA VIRUS LAMBDA (LAMBDA PHAGE, LAMBD) |
Viruses

Characteristics of the protein coding sequence

Additional Information

The bacteriophage Lambda genome is composed of double-stranded, linear DNA, with short single-stranded segments at each of the 5' ends. These two single-stranded segments are the "sticky ends" of what is called the cos site. The cos site circularizes the DNA in the host cytoplasm

EN

Other relevant website addresses and/or attached documents

? [Lambda phage - Wikipedia](#) (English)

? [DNA sequences necessary for packaging of bacteriophage λ DNA](#) (English)

[BCH-GENE-SCBD-111871-2](#)

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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