

Clostridium sporogenes spore germination protein (gerAA) and spore germination protein (gerAB) genes, complete cds; and spore germination protein (orfX) gene, partial cds

GenBank: AY046406.1

[FASTA Graphics](#)

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LOCUS AY046406 2906 bp DNA linear BCT 12-OCT-2012

DEFINITION Clostridium sporogenes spore germination protein (gerAA) and spore

germination protein (gerAB) genes, complete cds; and spore germination protein (orfX) gene, partial cds.

ACCESSION AY046406

VERSION AY046406.1

KEYWORDS .

SOURCE Clostridium sporogenes

ORGANISM [Clostridium sporogenes](#)

Bacteria; Firmicutes; Clostridia; Eubacteriales; Clostridiaceae; Clostridium.

REFERENCE 1 (bases 1 to 2906)

AUTHORS Broussolle,V., Alberto,F., Shearman,C.A., Mason,D.R., Botella,L., Nguyen-The,C., Peck,M.W. and Carlin,F.

TITLE Molecular and Physiological Characterisation of Spore Germination in Clostridium botulinum and C. sporogenes

JOURNAL Anaerobe 8 (3), 89-100 (2002)

REFERENCE 2 (bases 1 to 2906)

AUTHORS Shearman,C.A., Mason,D.R., Broussolle,V., Alberto,F., Carlin,F. and Peck,M.W.

TITLE Direct Submission

JOURNAL Submitted (17-JUL-2001) Food Safety Science Division, Institute of Food Research, Norwich Research Park, Norwich, Norfolk NR4 7UA, U.K.

FEATURES Location/Qualifiers

source 1..2906

/organism="Clostridium sporogenes"

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[gene](#) 46..1545

/gene="gerAA"

[CDS](#) 46..1545

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/product="spore germination protein"

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