

On-line Catalogue Information

JCM Catalogue

Scientific name

***Porphyromonas gingivalis* (Coykendall et al. 1980) Shah and Collins 1988**

Information on higher taxonomic groups

Taxonomy in NCBI database: [Bacteria](#); [Bacteroidetes/Chlorobi group](#); [Bacteroidetes](#); [Bacteroidia](#); [Bacteroidales](#); [Porphyromonadaceae](#).

JCM number

Deposition history

12257^T <-- CIP 103683 <-- J. P. Carlier AIP 10005 <-- ATCC 33277 <-- A. L. Coykendall 2561 <-- J. Slots.

Accessioned in 2003.

=ATCC 33277 =CCUG 25893 =CCUG 25928 =CIP 103683 =DSM 20709 =NCTC 11834.

[Bacteroides gingivalis](#).

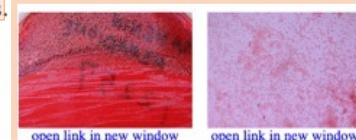
Type strain [3113,5559].

Medium: 469; Temperature: 37°C; Anaerobic [H₂-CO₂-N₂ (1:1:8) gas mixture]; Rehydration fluid: 663.

Recommended medium

Culture condition

Recommended restorative solution



Observation image of culture

Source: Human gingival sulcus [5559].

Morphology: [5559].

Biochemistry/Physiology: [3525,5559].

Fatty acid: [3525].

G+C (mol%): 47.1 (Tm) [5559].

DNA-DNA relatedness: [3525,5559,10682].

Phylogeny: 16S rRNA gene ([AB547660](#)), *hsp60* ([AB547581](#)) [8355].

Genome sequence: [AP009380](#) [8221], [CP025930](#).

NCBI Taxonomy ID: 837.

Genomic DNA is available from RIKEN BRC-DNA Bank: [JGD 06613](#).

Information about literatures, gene sequences, etc.

Information regarding the distribution of genomic DNA (distributed by RIKEN BRC Gene Engineering Division)

Publication(s) using this strain [[A08012](#), [A10221](#), [A12035](#), [A12273](#), [A12386](#), [A13101](#), [A13119](#), [A14520](#), [B15602](#), [A15607](#), [A18001](#), [A18088](#), [A18129](#), [A19521](#), [A20109](#)].

Patent publication(s) using this strain [[JP2009-137869A](#), [JP2010-265215A](#), [JP2010-037219A](#), [2015-127305](#), [WO2017/199453](#), [2017-093358](#), [2017-019763](#), [2018-184389](#), [2018-020989](#), [2018-002614](#), [2019-214538](#), [2019-149971](#), [2020-109071](#)].

Information on literature and patents in which the strain has been used

Related information on delivery / use of the strain

Biosafety level	2	document
Terms and conditions	Not applicable	-
Export control ⁽¹⁾	No	-
Distribution control in Japan ⁽²⁾	No	-
Genetically modified microorganism	No	-
Technical information	-	-
Additional information	-	-

Various information necessary for requesting distribution (See the next page)

(1) in complying with the Foreign Exchange and Foreign Trade Control Law of Japan

(2) in complying with the Plant Protection Law of Japan

State of strains/cultures that can be delivered

Delivery category

Domestic	A (Freeze-dried or L-dried culture) or C (Actively growing culture on request)	information
Overseas	A (Freeze-dried or L-dried culture) or C (Actively growing culture on request)	information

Information on quality control

Viability and purity assays of this product were performed at the time of production as part of quality control. The authenticity of the culture was confirmed by analyzing an appropriate gene sequence, e.g., the 16S rRNA gene for prokaryotes, the D1/D2 region of LSU rRNA gene, the ITS region of the nuclear rRNA operon, etc. for eukaryotes. The characteristics and/or functions of the strain appearing in the catalogue are based on information from the corresponding literature and JCM does not guarantee them.

● In the case of No regulations / conditions

Related information on delivery / use of the strain

①	Biosafety level	1
②	Terms and conditions	Not applicable
③	Export control ⁽¹⁾	No
④	Distribution control in Japan ⁽²⁾	No
⑤	Genetically modified microorganism	No
⑥	Technical information	-
⑦	Additional information	-

(1) in complying with the Foreign Exchange and Foreign Trade Control Law of Japan

(2) in complying with the Plant Protection Law of Japan

The following two types of documents are required:

- **ORDER FORM (Form M-10/M-10C)**
- **MATERIAL TRANSFER AGREEMENT (Form M-11/M-11C)**

As for "Section 4", fill in "N/A".

● In the case of subject to regulations / conditions (display examples)

Related information on delivery / use of the strain

①	Biosafety level	2	document
②	Terms and conditions	Imposed	information
③	Export control ⁽¹⁾	Controlled	information
④	Distribution control in Japan ⁽²⁾	Controlled	information
⑤	Genetically modified microorganism	Yes	information
⑥	Technical information	○○○	information
⑦	Additional information	Yes	information

For strains with any of the indications shown on the left, you need to be careful when you prepare the documents (see the explanations below).

If these buttons are displayed, click them to check the detailed information.

(1) in complying with the Foreign Exchange and Foreign Trade Control Law of Japan

(2) in complying with the Plant Protection Law of Japan

① Biosafety level : 2 or 2 (provisional)

- ACCEPTANCE OF RESPONSIBILITY FOR POTENTIALLY PATHOGENIC MATERIALS (Form M-13) is required

② Terms and conditions : Imposed

- Click the **information** button to confirm the contents of "Terms and conditions"
- Fill in the full text of the terms and conditions in Section 4 of the MTA (Form M-11/M-11C)
- Depending on the content of the terms and conditions, APPROVAL FORM (Form M-12) may need to be submitted

③ Export control : Controlled

- There are no restrictions on distribution to domestic
- In principle, distribution to overseas is not allowed

④ Distribution control in Japan : Controlled or Restricted

- **Controlled** : Application for permission from the Plant Protection Station is required for distribution to domestic
- **Restricted** : In principle, distribution is not allowed regardless of domestic or overseas

⑤ Genetically modified microorganism : Yes

- ACCEPTANCE OF RESPONSIBILITY FOR LIVING MODIFIED ORGANISM (Form M-13G) is required

⑥ Technical information : if any description is displayed

- Read the description carefully or click the **information** button to confirm the description since the strain requires special attention during culturing

⑦ Additional information : Yes

- Click the **information** button to check the description of the strain originating from India