



Strain identifier

BacDive ID: 3051 **DOI:** 10.13145/bacdive3051.20190402.4
Type strain: yes **Designation:** PW2
Culture col. no.: DSM 20642, ATCC 49209, JCM 10262

Sections

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- [Isolation, sampling and environmental information](#)
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Name and taxonomic classification

Ref.: 8862	Domain	Bacteria
Ref.: 8862	Phylum	Actinobacteria
Ref.: 8862	Class	Coriobacteriia
Ref.: 8862	Order	Coriobacteriales
Ref.: 8862	Family	Coriobacteriaceae
Ref.: 8862	Genus	Coriobacterium
Ref.: 8862	Species	Coriobacterium glomerans
Ref.: 8862	Full Scientific Name	Coriobacterium glomerans Haas and König 1988
Ref.: 8862	Designation:	PW2
Ref.: 8862	Type strain:	yes

Prokaryotic Nomenclature Up-to-date (PNU)

Ref.: 20215	Domain	Bacteria
Ref.: 20215	Phylum	Actinobacteria
Ref.: 20215	Class	Coriobacteriia
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 63:1577
Ref.: 20215	Family	Coriobacteriaceae
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 47:483*
Ref.: 20215	Genus	Coriobacterium



Ref.: 20215	Taxonomical status	gen. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 38:382*
Ref.: 20215	Species	Coriobacterium glomerans
Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 38:382*
Ref.: 20215	Full Scientific Name	Coriobacterium glomerans Haas and König 1988

Morphology and physiology

Ref.: 8862

API rID32A

API ID	3413
URE	-
ADH (Arg)	-
alphaGAL	-
betaGAL	-
betaGP	-
alphaGLU	-
betaGLU	+
alphaARA	-
betaGUR	-
betaNAG	-
MNE	+
RAF	+
GDC	-
alphaFUC	-
NIT	-
IND	-
PAL	-
ArgA	+
ProA	-
LGA	-
PheA	+/-
LeuA	+
PyrA	-
TyrA	+
AlaA	+/-
GlyA	+
HisA	+

GGA	-
SerA	+

Ref.: 8862	Murein short key	A11.31
Ref.: 8862	Murein types	A4alpha L-Lys-D-Asp
Ref.: 8862	Oxygen tolerance	anaerobe

Culture and growth conditions

Ref.: 8862	Culture medium	PYG MEDIUM (MODIFIED) (DSMZ Medium 104), 30°C, anaerobic
Ref.: 8862	Culture medium growth	yes
Ref.: 8862	Culture medium link	https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium104.pdf

Ref.: 8862	Temperatures	Kind of temperature	Temperature
		growth	30 °C

Ref.: 8862	Temperature range	mesophilic
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Isolation, sampling and environmental information

Ref.: 8862	Sample type/isolated from	intestinal tract of red soldier bug (Pyrrhocoris apterus L.)
Ref.: 8862	Host species	Pyrrhocoris apterus

Isolation sources categories	Cat1	Cat2	Cat3
	#Host	#Arthropoda	#Insecta
	#Host Body-Site	#Gastrointestinal tract	-

Application and interaction

Ref.: 8862	Biosafety level	1 Risk group (German classification)
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Molecular biology

Ref.: 8862	GC-content	61.0 mol%
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	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
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Ref.: 8862	GenBank Genome project data	Coriobacterium glomerans PW2, complete genome	CP002628	2115681	700015
Ref.: 8862	EMBL Direct submission	Coriobacterium glomerans 16S rDNA gene	X79048	1435	700015

Strain availability

[Ref.: 8862](#) **Culture collection no.** DSM 20642, ATCC 49209, JCM 10262

[Ref.: 8862](#) **Strain history** <- F. Haas, PW2

Associated Passport(s) in StrainInfo

[Ref.: 20218](#) 113917 - <http://www.straininfo.net/strains/113917>

[Ref.: 20218](#) 113916 - <http://www.straininfo.net/strains/113916>

[Ref.: 20218](#) 164211 - <http://www.straininfo.net/strains/164211>

References

[Ref.: 8862](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 20642

[Ref.: 20215](#) D.Gleim, M.Kracht, N.Weiss et. al.: Prokaryotic Nomenclature Up-to-date - compilation of all names of Bacteria and Archaea, validly published according to the Bacteriological Code since 1. Jan. 1980, and validly published nomenclatural changes since.

[Ref.: 20218](#) Verslyppe, B., De Smet, W., De Baets, B., De Vos, P., Dawyndt P. StrainInfo introduces electronic passports for microorganisms.. Syst Appl Microbiol. 37: 42-50 2014 (10.1016/j.syapm.2013.11.002, 24321274)

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