



## Strain identifier

**BacDive ID:** 130331      **DOI:** 10.13145/bacdive130331.20190402.4  
**Type strain:** yes      **Designation:** AG1-2  
**Culture col. no.:** DSM 26898, CGMCC 1.12488

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## Name and taxonomic classification

<a href="#">Ref.: 21876</a>	<b>Domain</b>	Bacteria
<a href="#">Ref.: 21876</a>	<b>Phylum</b>	Bacteroidetes
<a href="#">Ref.: 21876</a>	<b>Class</b>	Flavobacteriia
<a href="#">Ref.: 21876</a>	<b>Order</b>	Flavobacteriales
<a href="#">Ref.: 21876</a>	<b>Family</b>	Flavobacteriaceae
<a href="#">Ref.: 21876</a>	<b>Genus</b>	Chryseobacterium
<a href="#">Ref.: 21876</a>	<b>Species</b>	Chryseobacterium takakiae
<a href="#">Ref.: 21876</a>	<b>Full Scientific Name</b>	Chryseobacterium takakiae Zhao et al. 2015
<a href="#">Ref.: 21876</a>	<b>Designation:</b>	AG1-2
<a href="#">Ref.: 21876</a>	<b>Type strain:</b>	yes

### **Prokaryotic Nomenclature Up-to-date (PNU)**

<a href="#">Ref.: 20215</a>	<b>Domain</b>	Bacteria
<a href="#">Ref.: 20215</a>	<b>Phylum</b>	Bacteroidetes
<a href="#">Ref.: 20215</a>	<b>Class</b>	Flavobacteriia
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Evol. Microbiol. 62:1017
<a href="#">Ref.: 20215</a>	<b>Family</b>	Flavobacteriaceae
<a href="#">Ref.: 20215</a>	<b>Genus</b>	Chryseobacterium
<a href="#">Ref.: 20215</a>	Taxonomical status	gen. nov. (VP)
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Bacteriol. 44:827*
<a href="#">Ref.: 20215</a>	<b>Species</b>	Chryseobacterium takakiae

Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 65:71*
Ref.: 20215	<b>Full Scientific Name</b>	Chryseobacterium takakiae Zhao et al. 2015

## Culture and growth conditions

Ref.: 21876	<b>Culture medium</b>	CASO AGAR (MERCK 105458) (DSMZ Medium 220)
Ref.: 21876	<b>Culture medium growth</b>	yes
Ref.: 21876	<b>Culture medium link</b>	<a href="https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium220.pdf">https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium220.pdf</a>

## Isolation, sampling and environmental information

Ref.: 21876	<b>Sample type/isolated from</b>	bryophyte Takakia lepidozoides
Ref.: 21876	<b>Host species</b>	Takakia lepidozoides
Ref.: 21876	<b>Geographic location (country and/or sea, region)</b>	Tibet province, Gawalong glacier
Ref.: 21876	<b>Country</b>	China
Ref.: 21876	<b>Continent</b>	Asia

### Isolation sources categories

Cat1	Cat2	Cat3
#Host	#Plants	#Moss

## Molecular biology

Ref.: 21876	<b>GC-content</b>	37.3 mol% thermal denaturation, midpoint method (T <sub>m</sub> )
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	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 21876	GenBank Direct submission	Chryseobacterium takakiae strain AG1-2 16S ribosomal RNA gene, partial sequence	KC560016	1478	1302685

## Strain availability

Ref.: 21876	<b>Culture collection no.</b>	DSM 26898, CGMCC 1.12488
Ref.: 21876	<b>Strain history</b>	<- Y. Li, College of Life Sci., Capital Normal Univ., Beijing , PR China; AG1-2 <- X. Chen and R. Zhao



**References**

- [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.: 21876](#) Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 26898

**\* These References are textmined**

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