



## Strain identifier

**BacDive ID:** 5374      **DOI:** 10.13145/bacdive5374.20191129.4.1  
**Type strain:** yes      **Designation:** MOL361  
**Culture col. no.:** DSM 14220, NCCB 100008

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## Name and taxonomic classification

<a href="#">Ref.: 5258</a>	<b>Domain</b>	Bacteria
<a href="#">Ref.: 5258</a>	<b>Phylum</b>	Firmicutes
<a href="#">Ref.: 5258</a>	<b>Class</b>	Erysipelotrichia
<a href="#">Ref.: 5258</a>	<b>Order</b>	Erysipelotrichales
<a href="#">Ref.: 5258</a>	<b>Family</b>	Erysipelotrichaceae
<a href="#">Ref.: 5258</a>	<b>Genus</b>	Turicibacter
<a href="#">Ref.: 5258</a>	<b>Species</b>	Turicibacter sanguinis
<a href="#">Ref.: 5258</a>	<b>Full Scientific Name</b>	Turicibacter sanguinis Bosshard et al. 2002
<a href="#">Ref.: 5258</a>	<b>Designation:</b>	MOL361
<a href="#">Ref.: 5258</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>	Firmicutes
<a href="#">Ref.: 20215</a>	<b>Class</b>	Erysipelotrichia
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Evol. Microbiol. 60:469
<a href="#">Ref.: 20215</a>	<b>Family</b>	Erysipelotrichaceae
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Evol. Microbiol. 54:221*
<a href="#">Ref.: 20215</a>	<b>Genus</b>	Turicibacter



Ref.: 20215	Taxonomical status	gen. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 52:1263*
Ref.: 20215	<b>Species</b>	Turicibacter sanguinis
Ref.: 20215	Taxonomical status	sp. nov. (VP)
Ref.: 20215	Literature reference	Int. J. Syst. Evol. Microbiol. 52:1263*
Ref.: 20215	<b>Full Scientific Name</b>	Turicibacter sanguinis Bosshard et al. 2002

### Morphology and physiology

Ref.: 5258	<b>Oxygen tolerance</b>	anaerobe
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### Culture and growth conditions

Ref.: 5258	<b>Culture medium</b>	PY + X MEDIUM (N <sub>2</sub> /CO <sub>2</sub> ) (DSMZ Medium 104c), 37°C, anaerobic
Ref.: 5258	<b>Culture medium growth</b>	yes
Ref.: 5258	<b>Culture medium link</b>	<a href="https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium104c.pdf">https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium104c.pdf</a>

Ref.: 5258	<b>Culture medium</b>	CHOPPED MEAT MEDIUM WITH CARBOHYDRATES (DSMZ Medium 110), 37°C, anaerobic
Ref.: 5258	<b>Culture medium growth</b>	yes
Ref.: 5258	<b>Culture medium link</b>	<a href="https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium110.pdf">https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium110.pdf</a>

Ref.: 5258	<b>Temperatures</b>	<b>Kind of temperature</b>	<b>Temperature</b>
		growth	37 °C

Ref.: 5258	<b>Temperature range</b>	mesophilic
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### Isolation, sampling and environmental information

Ref.: 5258	<b>Sample type/isolated from</b>	human blood
Ref.: 5258	<b>Geographic location (country and/or sea, region)</b>	Zurich
Ref.: 5258	<b>Country</b>	Switzerland
Ref.: 5258	<b>Continent</b>	Europe

**Isolation sources categories**

Cat1	Cat2	Cat3
#Host	#Human	-
#Host Body Product	#Fluids	#Blood

**Application and interaction**

Ref.: 5258	<b>Pathogenicity (human)</b>	yes
Ref.: 5258	<b>Biosafety level</b>	1 Risk group (German classification)

**Molecular biology**

Ref.: 5258	<b>GC-content</b>	36.9 mol%
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	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Turicibacter sanguinis gene for chaperonin GroEL, partial cds	AB727352	542	154288
Ref.: 5258	16S rRNA gene, Marker Gene (GenBank Direct submission)	Gram-positive bacterium MOL361 16S ribosomal RNA gene, complete sequence	AF349724	1508	154288

**Strain availability**

Ref.: 5258	<b>Culture collection no.</b>	DSM 14220, NCCB 100008
Ref.: 5258	<b>Strain history</b>	<- P. P. Bosshard, Univ. Zurich, Switzerland; MOL361 <- J. Gubler {2000}

**Associated Passport(s) in StrainInfo**

Ref.: 20218	304211 - <a href="http://www.straininfo.net/strains/304211">http://www.straininfo.net/strains/304211</a>
Ref.: 20218	304213 - <a href="http://www.straininfo.net/strains/304213">http://www.straininfo.net/strains/304213</a>

**References**

Ref.: 5258	Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 14220
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)

**\* These References are textmined**

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