



## Strain identifier

<b>BacDive ID:</b>	14631	<b>DOI:</b>	10.13145/bacdive14631.20190402.4
<b>Type strain:</b>	yes	<b>Designation:</b>	SC 116
<b>Culture col. no.:</b>	DSM 20345, ATCC 29062, BCRC 12927, CCM 3473, CCUG 15598, CNCTC 5683, JCM 2425, NCTC 12103		

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## Name and taxonomic classification

<a href="#">Ref.: 8750</a>	<b>Domain</b>	Bacteria
<a href="#">Ref.: 8750</a>	<b>Phylum</b>	Firmicutes
<a href="#">Ref.: 8750</a>	<b>Class</b>	Bacilli
<a href="#">Ref.: 8750</a>	<b>Order</b>	Bacillales
<a href="#">Ref.: 8750</a>	<b>Family</b>	Staphylococcaceae
<a href="#">Ref.: 8750</a>	<b>Genus</b>	Staphylococcus
<a href="#">Ref.: 8750</a>	<b>Species</b>	Staphylococcus sciuri
<a href="#">Ref.: 8750</a>	<b>Full Scientific Name</b>	Staphylococcus sciuri subsp. sciuri Kloos et al. 1976 emend. Kloos et al. 1997
<a href="#">Ref.: 8750</a>	<b>Designation:</b>	SC 116
<a href="#">Ref.: 8750</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>	Bacilli
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Evol. Microbiol. 60:469
<a href="#">Ref.: 20215</a>	<b>Family</b>	Staphylococcaceae
<a href="#">Ref.: 20215</a>	Literature reference	Int. J. Syst. Evol. Microbiol. 60:470



Ref.: 20215	<b>Genus</b>	Staphylococcus
Ref.: 20215	Taxonomical status	genus (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	<b>Species</b>	Staphylococcus sciuri
Ref.: 20215	Taxonomical status	species (AL)
Ref.: 20215	Literature reference	Int. J. Syst. Bacteriol. 30:225
Ref.: 20215	<b>Full Scientific Name</b>	Staphylococcus sciuri Kloos et al. 1976 emend. Švec et al. 2016
Ref.: 20215	<b>Synonym</b>	Staphylococcus sciuri subsp. carnaticus
Ref.: 20215	<b>Synonym</b>	Staphylococcus sciuri subsp. rodentium
Ref.: 20215	<b>Synonym</b>	Staphylococcus sciuri subsp. sciuri

## Morphology and physiology

Ref.: 8750	<b>Incubation period</b>	1-2 days
Ref.: 8750	<b>Type of hemolysis</b>	gamma

Enzymes	Enzyme	Enzyme activity	EC number
Ref.: 8750	catalase	+	1.11.1.6
Ref.: 8750	cytochrome-c oxidase	+	1.9.3.1

Ref.: 8750

### API ID32STA

API ID	1720	1719	1718
URE	-	-	-
ADH (Arg)	-	-	-
ODC	-	-	-
ESC	+	+	+
GLU	+	+	+
FRU	+	+	+
MNE	+	+	+
MAL	+	+	+
LAC	+	+	+
TRE	+	+	+
MAN	+	+	+
RAF	-	-	-
RIB	+	+	+
CEL	+	+	+
NIT	+	+	+
VP	-	-	-

betaGAL	-	-	-
ArgA	-	-	-
PAL	+	-	+
PyrA	-	-	-
NOVO	+	+	+
SAC	+	+	+
NAG	+	+	+
TUR	+	+	+
ARA	+	+	+
betaGUR	+	+	+

Ref.: 8750	<b>Murein short key</b>	A11.08
Ref.: 8750	<b>Murein types</b>	A3alpha L-Lys-L-Ala-Gly <sub>4-5</sub>
Ref.: 46285	<b>Oxygen tolerance</b>	aerobe

### Culture and growth conditions

Ref.: 8750	<b>Culture medium</b>	TRYPTICASE SOY YEAST EXTRACT MEDIUM (DSMZ Medium 92), 37°C
Ref.: 8750	<b>Culture medium growth</b>	yes
Ref.: 8750	<b>Culture medium link</b>	<a href="https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium92.pdf">https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium92.pdf</a>
Ref.: 8750	<b>Culture medium</b>	COLUMBIA BLOOD MEDIUM (DSMZ Medium 693), 37°C
Ref.: 8750	<b>Culture medium growth</b>	yes
Ref.: 8750	<b>Culture medium link</b>	<a href="https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium693.pdf">https://www.dsmz.de/microorganisms/medium/pdf/DSMZ_Medium693.pdf</a>
Ref.: 42159	<b>Culture medium</b>	MEDIUM 72- for trypto casein soja agar
Ref.: 42159	<b>Culture medium growth</b>	yes
Ref.: 42159	<b>Culture medium composition</b>	Distilled water make up to (1000.000 ml);Trypto casein soy agar (40.000 g)

### **Temperatures**

	Kind of temperature	Temperature
Ref.: 8750	growth	37 °C
Ref.: 42159	growth	37 °C
Ref.: 46285	growth	37 °C

Ref.: 8750	<b>Temperature range</b>	mesophilic
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Ref.: 42159      **Temperature range**      mesophilic  
 Ref.: 46285      **Temperature range**      mesophilic

## Isolation, sampling and environmental information

Ref.: 8750      **Sample type/isolated from**      skin of eastern gray squirrel (*Sciurus carolinensis*)  
 Ref.: 8750      **Host species**      *Sciurus carolinensis*  
 Ref.: 46285      **Sample type/isolated from**      Eastern gray squirrel skin  
 Ref.: 46285      **Sampling date**      1988-06-15

### Isolation sources categories

Cat1	Cat2	Cat3
#Host	#Mammals	#Rodentia (Other)
#Host Body-Site	#Organ	#Skin, Nail, Hair

## Application and interaction

Ref.: 8750      **Biosafety level**      1 Risk group (German classification)

## Molecular biology

Ref.: 8750      **GC-content**      36.5 mol%

	Sequence database	Sequence accession description	Sequence accession number	Sequence length(bp)	Associated NCBI tax ID	
Ref.: 20218	Marker Gene (DDBJ Direct submission)	Staphylococcus sciuri subsp. sciuri DNA, methicillin-resistance gene region, strain: ATCC 29062	AB547234	31000	147467	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri 16S ribosomal RNA gene, partial sequence	AF041358	906	1296	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri factor essential for methicillin resistance FEMA (femA) gene, complete cds	AF099966	1254	1296	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri subsp. sciuri RNA polymerase B-subunit (rpoB) gene, partial cds	AF325881	507	147467	*

Ref.: 20218	Marker Gene (EMBL Direct submission)	Staphylococcus sciuri subsp. sciuri partial sodA gene for superoxide dismutase, strain CIP 81.62 T	AJ343929	432	147467	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Sequence 89 from Patent WO0188186	AX354278	432	147467	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri subsp. sciuri strain DSM 20345 16S ribosomal RNA gene, partial sequence	AY688097	465	147467	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri strain ATCC 29062 translation elongation factor Tu (tuf) gene, partial cds	AY763434	374	1296	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri subsp. sciuri strain DSM 20345 catalase (katA) gene, partial cds	EU259851	620	147467	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	Staphylococcus sciuri partial recA gene, type strain ATCC 29062T	FN554709	280	1296	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri subsp. sciuri strain ATCC 29062 elongation factor Tu (tuf) gene, partial cds	HM352947	615	147467	*
Ref.: 20218	Marker Gene (GenBank Direct submission)	Staphylococcus sciuri subsp. sciuri strain ATCC 29062 glyceraldehyde-3-phosphate dehydrogenase (gap) gene, partial cds	HM352985	880	147467	*
Ref.: 20218	Marker Gene (EMBL Direct submission)	S.sciuri mecA gene & ORF's 450, 145 & 179	Y09223	5068	1296	*
Ref.: 8750	INSDC (WGS)	Staphylococcus sciuri subsp. sciuri strain DSM 20345, whole genome shotgun sequencing project	LEOS00000000	66	147467	
Ref.: 8750	EMBL Direct submission		AJ421446			

**Strain availability**

Ref.: 8750      **Culture collection no.**      DSM 20345, ATCC 29062, BCRC 12927, CCM 3473, CCUG 15598, CNCTC 5683, JCM 2425, NCTC 12103

Ref.: 8750      **Strain history**      <- K.H. Schleifer <- W.E. Kloos, SC 116



**Associated Passport(s) in StrainInfo**

Ref.: 20218	155430 - <a href="http://www.straininfo.net/strains/155430">http://www.straininfo.net/strains/155430</a>
Ref.: 20218	106363 - <a href="http://www.straininfo.net/strains/106363">http://www.straininfo.net/strains/106363</a>
Ref.: 20218	507258 - <a href="http://www.straininfo.net/strains/507258">http://www.straininfo.net/strains/507258</a>
Ref.: 20218	155429 - <a href="http://www.straininfo.net/strains/155429">http://www.straininfo.net/strains/155429</a>
Ref.: 20218	144736 - <a href="http://www.straininfo.net/strains/144736">http://www.straininfo.net/strains/144736</a>
Ref.: 20218	843523 - <a href="http://www.straininfo.net/strains/843523">http://www.straininfo.net/strains/843523</a>
Ref.: 20218	174821 - <a href="http://www.straininfo.net/strains/174821">http://www.straininfo.net/strains/174821</a>
Ref.: 20218	155431 - <a href="http://www.straininfo.net/strains/155431">http://www.straininfo.net/strains/155431</a>

**References**

Ref.: 8750	Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 20345
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)
Ref.: 42159	None; Curators of the CIP; None
Ref.: 46285	Culture Collection University of Gothenburg (CCUG); Curators of the CCUG; CCUG 15598

**\* These References are textmined**

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