

Strain identifier

BacDive ID: 132058 **DOI:** 10.13145/bacdive132058.20190402.4
Type strain: yes
Culture col. no.: DSM 102268, KCTC 12282, KMM 6017, LMG 22567

Sections

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Name and taxonomic classification

| | | |
|-----------------------------|-----------------------------|---|
| Ref.: 23849 | Domain | Bacteria |
| Ref.: 23849 | Phylum | Bacteroidetes |
| Ref.: 23849 | Class | Cytophagia |
| Ref.: 23849 | Order | Cytophagales |
| Ref.: 23849 | Family | Flammeovirgaceae |
| Ref.: 23849 | Genus | Roseivirga |
| Ref.: 23849 | Species | Roseivirga ehrenbergii |
| Ref.: 23849 | Full Scientific Name | Roseivirga ehrenbergii Nedashkovskaya et al. 2005 emend. Nedashkovskaya et al. 2008 |
| Ref.: 23849 | Designation: | None |
| Ref.: 23849 | Type strain: | yes |

Prokaryotic Nomenclature Up-to-date (PNU)

| | | |
|-----------------------------|----------------------|---|
| Ref.: 20215 | Domain | Bacteria |
| Ref.: 20215 | Phylum | Bacteroidetes |
| Ref.: 20215 | Class | Cytophagia |
| Ref.: 20215 | Literature reference | Int. J. Syst. Evol. Microbiol. 62:1 |
| Ref.: 20215 | Family | Flammeovirgaceae |
| Ref.: 20215 | Literature reference | Int. J. Syst. Evol. Microbiol. 61:2346* |
| Ref.: 20215 | Genus | Roseivirga |
| Ref.: 20215 | Taxonomical status | gen. nov. (VP) |
| Ref.: 20215 | Literature reference | Int. J. Syst. Evol. Microbiol. 55:231* |
| Ref.: 20215 | Species | Roseivirga ehrenbergii |

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|-------------|-----------------------------|---|
| Ref.: 20215 | Taxonomical status | sp. nov. (VP) |
| Ref.: 20215 | Literature reference | Int. J. Syst. Evol. Microbiol. 55:231* |
| Ref.: 20215 | Full Scientific Name | Roseivirga ehrenbergii Nedashkovskaya et al. 2005 emend. Nedashkovskaya et al. 2008 emend. Hahnke et al. 2016 |
| Ref.: 20215 | Synonym | Marinicola seohaensis |
| Ref.: 20215 | Synonym | Roseivirga seohaensis |
| Ref.: 20215 | Synonym | Roseivirga seohaensis subsp. seohaensis |

Application and interaction

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|-------------|------------------------|--------------------------------------|
| Ref.: 23849 | Biosafety level | 1 Risk group (German classification) |
|-------------|------------------------|--------------------------------------|

Molecular biology

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|-------------|-------------------|--|
| Ref.: 23849 | GC-content | 40.2 mol% thermal denaturation, midpoint method (Tm) |
|-------------|-------------------|--|

| | Sequence database | Sequence accession description | Sequence accession number | Sequence length(bp) | Associated NCBI tax ID |
|-------------|---------------------------|---|---------------------------|---------------------|------------------------|
| Ref.: 23849 | INSDC (WGS) | Roseivirga ehrenbergii strain KMM 6017, whole genome shotgun sequencing project | LQZQ00000000 | 52 | 279360 |
| Ref.: 23849 | GenBank Direct submission | Roseivirga ehrenbergii strain KMM 6017 16S ribosomal RNA gene, partial sequence | AY608410 | 1420 | 279360 |

Strain availability

| | | |
|-------------|-------------------------------|---|
| Ref.: 23849 | Culture collection no. | DSM 102268, KCTC 12282, KMM 6017, LMG 22567 |
|-------------|-------------------------------|---|

Associated Passport(s) in StrainInfo

| | |
|-------------|--|
| Ref.: 20218 | 382792 - http://www.straininfo.net/strains/382792 |
| Ref.: 20218 | 378155 - http://www.straininfo.net/strains/378155 |
| Ref.: 20218 | 378957 - http://www.straininfo.net/strains/378957 |

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.: 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.: 23849

Leibniz Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH; Curators of the DSMZ; DSM 102268

*** These References are textmined**

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