

Register list for 44 new names including *Fervidifonticultor octavus* sp. nov.

Submitted by Liu, Lan

Phylum *Sysuimicrobiota*

Etymology

[Sy.su.i.mic.ro'bi.o'ta] N.L. neut. n. *Sysuimicrobium*, type genus of the phylum; *-ota*, ending to denote a phylum; N.L. pl. neut. n. *Sysuimicrobiota*, the *Sysuimicrobium* phylum

Nomenclatural type

Genus *Sysuimicrobium*

Description

A phylum established on the basis of AAI, ANI, dDDH and phylogenomic analyses.

Classification

Bacteria » *Sysuimicrobiota*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32755>

Class *Sysuimicrobiia*

Etymology

[Sy.su.i.mic.ro'bi.ia] N.L. neut. n. *Sysuimicrobium*, referring to the type genus *Sysuimicrobium*; *-ia*, ending to denote a class; N.L. neut. pl. n. *Sysuimicrobiia*, the *Sysuimicrobium* class

Nomenclatural type

Genus *Sysuimicrobium*

Description

A class established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiota* phylum.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32781>

Order *Sysuimicrobiales*

Etymology

[Sy.su.i.mi.cro'bi.a'les] N.L. neut. n. *Sysuimicrobium*, type genus of the order; *-ales*, ending to denote an order; N.L. fem. pl. n. *Sysuimicrobiales*, the *Sysuimicrobium* order

Nomenclatural type

Genus *Sysuimicrobium*

Description

A order established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobia* class.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32782>

Family *Kaftiobacteriaceae*

Etymology

[Kaf.ti.o.bac.te.ri.a.ce'ae] N.L. neut. n. *Kaftiobacterium*, type genus of the family; L. suff. *aceae*, ending to denote a family; N.L. fem. pl. n. *Kaftiobacteriaceae*, the Kaftiobacterium family

Nomenclatural type

Genus *Kaftiobacterium*

Description

A family established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiales* order.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32799>

Family *Sysuimicrobiaceae*

Etymology

[Sy.su.i.mi.cro.bi.a.ce'ae] N.L. neut. n. *Sysuimicrobium*, type genus of the family; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Sysuimicrobiaceae*, the Sysuimicrobium family

Nomenclatural type

Genus *Sysuimicrobium*

Description

A family established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiales* order.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32783>

Family *Segetimicrobiaceae*

Etymology

[Se.ge'ti.mi.cro.bi.a.ce'ae] N.L. neut. n. *Segetimicrobium*, type genus of the family; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Segetimicrobiaceae*, the Segetimicrobium family

Nomenclatural type

Genus *Segetimicrobium*

Description

A family established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiales* order.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Segetimicrobiaceae*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32796>

Family *Humicultoraceae*

Etymology

[Hu.mi.cul.tor.a.ce'ae] N.L. masc. n. *Humicultor*, type genus of the family; L. suff. *-aceae*, ending to denote a family; N.L. fem. pl. n. *Humicultoraceae*, the Humicultor family

Nomenclatural type

Genus *Humicultor*

Description

A family established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiales* order.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32808>

Family *Thermofontiviventaceae*

Etymology

[Ther.mo.fon.ti.vi.ven.ta.ce'ae] N.L. masc. n. *Thermofontivivens*, referring to the type genus Thermofontivivens; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Thermofontiviventaceae*, the Thermofontivivens family

Nomenclatural type

Genus *Thermofontivivens*

Description

A family established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiales* order.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Thermofontiviventaceae*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32792>

Genus *Calidihabitans*

Etymology

[Ca.li.di.ha.bi'tans] L. **masc. adj.** *calidus*, hot; L. **pres. part.** *habitans*, inhabiting; **N.L. masc. n.** *Calidihabitans*, inhabitants of hot environments

Nomenclatural type

Species *Calidihabitans tengchongensis*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Kaytiobacteriaceae* family. The type species of the genus is *Calidihabitans tengchongensis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae* » *Calidihabitans*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32806>

Genus *Humicultor*

Etymology

[Hu.mi.cul'tor] L. **fem. n.** *humus*, soil; L. **masc. n.** *cultor*, an inhabitant; **N.L. masc. n.** *Humicultor*, an inhabitant of soil

Nomenclatural type

Species *Humicultor tengchongensis*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Humicultoraceae* family. The type species of the genus is *Humicultor riflensis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Humicultor*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32809>

Genus *Kaftiobacterium*

Etymology

[Kaf.ti.o.bac.te.ri.um] Gr. **adj.** *kafti*, hot; **N.L. neut. n.** *bacterium*, rod or staff and, in biology a bacterium; **N.L. neut. n.** *Kaftiobacterium*, a bacterium in hot environment

Nomenclatural type

Species *Kaftiobacterium secundum*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Kaftiobacteriaceae* family. The type species of the genus is *Kaftiobacterium primum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae* » *Kaftiobacterium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32800>

Genus *Thermofontivivens*

Etymology

[Ther.mo.fon.ti.vi'vens] Gr. **masc. adj.** *thermos*, hot; L. **masc. n.** *fons*, a spring; L. **pres. part.** *vivens*, living; N.L. **masc. n.** *Thermofontivivens*, living in a hot spring

Nomenclatural type

Species *Thermofontivivens primus*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Thermofontiviventaceae* family. The type species of the genus is *Thermofontivivens primum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Thermofontiviventaceae* » *Thermofontivivens*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32793>

Genus *Fervidifonticultor*

Etymology

[Fer.vi.di.fon.ti.cul'tor] L. **masc. adj.** *fervidus*, hot, burning; L. **masc. n.** *fons*, a spring, fountain; L. **masc. n.** *cultor*, an inhabitant; N.L. **masc. n.** *Fervidifonticultor*, inhabitant of a hot spring

Nomenclatural type

Species *Fervidifonticultor primus*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Humicultoraceae* family. The type species of the genus is *Fervidifonticultor primus*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Fervidifonticultor*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32815>

Genus *Segetimicrobium*

Etymology

[Se.ge.ti.mi.cro'bi.um.] L. gen. n. *segetis*, of the soil; N.L. neut. n. *microbium*, microbe; N.L. neut. n. *Segetimicrobium*, a microbe of the earth

Nomenclatural type

Species *Segetimicrobium genomatis*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Segetimicrobiaceae* family. The type species of the genus is *Segetimicrobium genomatis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Segetimicrobiaceae* » *Segetimicrobium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32797>

Genus *Caldifonticola*

Etymology

[Cal.di.fon.ti'co.la] L. adj. *caldus*, hot; L. masc. n. *fons*, a spring; N.L. masc. suff. *cola*, an inhabitant; N.L. masc. n. *Caldifonticola*, inhabitant of a hot spring

Nomenclatural type

Species *Caldifonticola tengchongensis*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiaceae* family. The type species of the genus is *Caldifonticola tengchongensis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Caldifonticola*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32788>

Genus *Tepidifontimicrobium*

Etymology

[Te.pi.di.fon.ti.mi.cro'bi.um] L. masc. adj. *tepidus*, moderately warm; L. masc. n. *fons*, a spring; N.L. neut. n. *microbium*, microbe; N.L. neut. n. *Tepidifontimicrobium*, a microbe from a warm spring

Nomenclatural type

Species *Tepidifontimicrobium thermophilum*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiaceae* family. The type species of the genus is *Tepidifontimicrobium thermophilum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Tepidifontimicrobium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL<https://seqco.de/i:32790>

Genus *Geohabitans*

Etymology

[Ge.o.ha.bi.tans] Gr. n. *geo*, the earth; L. pres. part. *habitans*, inhabiting; N.L. masc. n. *Geohabitans*, an inhabitant of Earth

Nomenclatural type

Species *Geohabitans tengchongensis*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Humicultoraceae* family. The type species of the genus is *Geohabitans tengchongensis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Geohabitans*

References

Effective publication: Liu et al., 2024 [1]

Registry URL<https://seqco.de/i:32812>

Genus *Sysuimicrobium*

Etymology

[Sy.su.i.mi.cro.bi.um] N.L. neut. n. *microbium*, microbe; N.L. neut. n. *Sysuimicrobium*, arbitrary name from the acronym of Sun Yat-Sen University, SYSU where the identification of microbial metagenome was done

Nomenclatural type

Species *Sysuimicrobium calidum*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiaceae* family. The type species of the genus is *Sysuimicrobium thermophilum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Sysuimicrobium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL<https://seqco.de/i:32784>

Species *Fervidifonticulator primus*^{Ts}

Etymology

[pri'mus] L. masc. adj. *primus*, first, to represent the first genome bin from of the genus

Nomenclatural type

[INSDC Nucleotide: JAVKHP000000000](#) ^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Fervidifonticulator* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Fervidifonticultor* » *Fervidifonticultor primus*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32816>

Species *Fervidifonticultor tertius*

Etymology

[ter'ti.us.] L. masc. adj. *tertius*, third, to represent the third genome bin of the genus

Nomenclatural type

[NCBI Assembly: GCA_031459235.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Fervidifonticultor* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Fervidifonticultor* » *Fervidifonticultor tertius*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32818>

Species *Sysuimicrobium tengchongense*

Etymology

[teng.chong.en'se] N.L. neut. adj. *tengchongense*, referring to Tengchong

Nomenclatural type

[NCBI Assembly: GCA_031460175.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobium* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Sysuimicrobium* » *Sysuimicrobium tengchongense*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32786>

Species *Calidihabitans tengchongensis*^{Ts}

Etymology

[teng.chong.en'sis] N.L. masc. adj. *tengchongensis*, pertaining to Tengchong, the source of the metagenomic sample

Nomenclatural type

[INSDC Nucleotide: JAVKIE000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Calidihabitans* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae* » *Calidihabitans* » *Calidihabitans tengchongensis*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32807>

Species *Geohabitans tengchongensis*^{Ts}

Etymology

[teng.chong.en'sis] N.L. masc. adj. *tengchongensis*, pertaining to Tengchong, the source of the metagenomic sample

Nomenclatural type

[NCBI Assembly: GCA_031459625.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Terrahabitans* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Geohabitans* » *Geohabitans tengchongensis*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32814>

Species *Tepidifontimicrobium thermophilum*^{Ts}

Etymology

[ther.mo'phi.lum] Gr. fem. adj. *thermé*, heat; N.L. neut. adj. *philum*, loving; N.L. neut. adj. *thermophilum*, heat loving

Nomenclatural type

[INSDC Nucleotide: JAVKHO000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Tepidifontimicrobium* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Tepidifontimicrobium* » *Tepidifontimicrobium thermophilum*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32791>

Species *Humicultor tengchongensis*^{Ts}

Etymology

[teng.chong.en'sis] N.L. masc. adj. *tengchongensis*, pertaining to Tengchong, the source of the metagenomic sample

Nomenclatural type

[INSDC Nucleotide: JAVKIA000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Humicultor* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Humicultor* » *Humicultor tengchongensis*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32811>

Species *Thermofontivivens primus*^{Ts}

Etymology

[pri'mus] L. masc. adj. *primus*, first, to represent the first genome bin from of the genus

Nomenclatural type

[INSDC Nucleotide: JAVKJW000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Thermofontivivens* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Thermofontiviventaceae* » *Thermofontivivens* » *Thermofontivivens primus*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32794>

Species *Sysuimicrobium calidum*^{Ts}

Etymology

[ca'li.dum] L. neut. adj. *calidum*, indicating the origin of the metagenome from hot spring

Nomenclatural type

[NCBI Assembly: GCA_031459935.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobium* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Sysuimicrobium* » *Sysuimicrobium calidum*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32787>

Species *Segetimicrobium genomatis*^{Ts}

Etymology

[ge.no.ma'tis] N.L. gen. n. *genomatis*, of a genome

Nomenclatural type

[INSDC Nucleotide: VBAK00000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Segetimicrobium* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Segetimicrobiaceae* » *Segetimicrobium* » *Segetimicrobium genomatis*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32798>

Species *Kaftiobacterium secundum*^{Ts}

Etymology

[se.cun'dum] L. neut. adj. *secundum*, second, to represent the second genome bin of the genus

Nomenclatural type

[INSDC Nucleotide: JAVKHY0000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Kaytiobacterium* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae* » *Kaftiobacterium* » *Kaftiobacterium secundum*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32802>

Species *Fervidifonticultor secundus*

Etymology

[se.cun'dus] L. masc. adj. *secundus*, second, to represent the second genome bin of the genus

Nomenclatural type

[NCBI Assembly: GCA_031459385.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Fervidifonticulator* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Fervidifonticulator* » *Fervidifonticulator secundus*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32817>

Species *Fervidifonticulator quartus*

Etymology

[qu.ar'tus] L. masc. adj. *quartus*, fourth, to represent the fourth genome bin of the genus

Nomenclatural type

[NCBI Assembly: GCA_031458775.1](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Fervidifonticulator* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Humicultoraceae* » *Fervidifonticulator* » *Fervidifonticulator quartus*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32819>

Species *Caldifonticola tengchongensis*^{Ts}

Etymology

[teng.chong.en'sis] N.L. masc. adj. *tengchongensis*, pertaining to Tengchong, the source of the metagenomic sample

Nomenclatural type

[INSDC Nucleotide: JAVKGX000000000](#)^{Ts}

Description

A species established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Caldifonticola* genus.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Caldifonticola* » *Caldifonticola tengchongensis*^{Ts}

References

Effective publication: Liu et al., 2024 [1]

Registry URL<https://seqco.de/i:32789>**References**

1. Liu et al. (2024). Insights into chemoautotrophic traits of a prevalent bacterial phylum CSP1-3, herein *Sysuimicrobiota*. *National Science Review*. [DOI:10.1093/nsr/nwae378](https://doi.org/10.1093/nsr/nwae378)

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:kojsr2qc submitted by Liu, Lan and including 32 new names has been successfully validated.

Date of Priority: 2024-10-28 04:01 UTC

DOI: 10.57973/seqcode.r:kojsr2qc

