CIIMAR MICROBIAL CULTURE COLLECTION

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Strain Catalogue

2024

CM2C Culture Collection

Strain Catalogue

CIIMAR Microbial Culture Collection (CM2C)

Address and Contacts

CM2C Culture Collection
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General Information

CIIMAR MICROBIAL CULTURE COLLECTION (CM2C) is a biobank located at Interdisciplinary Centre of Marine and Environmental Research (CIIMAR), created, in 2022, with the purpose to gather marine microbial strains with different biotechnological applications. This biobank comprises 400 microbial strains, composed by bacteria and fungi, from marine and environmental sources.

CM2C strains were mainly obtained from Atlantic coast, deep-sea and inland waters from Portugal, including Azores and Madeira, and were isolated from different environmental samples such as seawater, freshwater, sediments, salterns, macroalgae, sponges, corals and other organisms.

CM2C will serve as a supplier of marine biological resources for academia and industrial researchers. The strains of this culture collection are being explored at CIIMAR, regarding their different applications and bioactivities (bioprospecting of new bioactive compounds with medical or industrial applications; degradation of organic pollutants, like hydrocarbons, pesticides, pharmaceuticals).

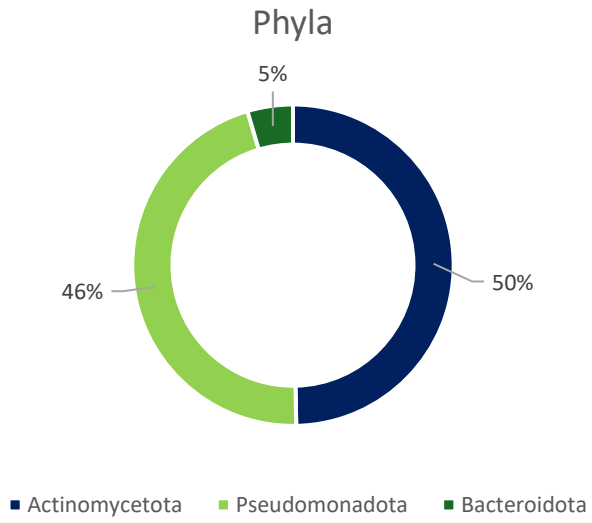
CM2C seeks to store relevant information associated with each sample deposited in the biobank, assuring full traceability of the samples in compliance with the Access and Benefit Sharing regulation associated with the Nagoya Protocol.

Diversity and Taxonomic Identification

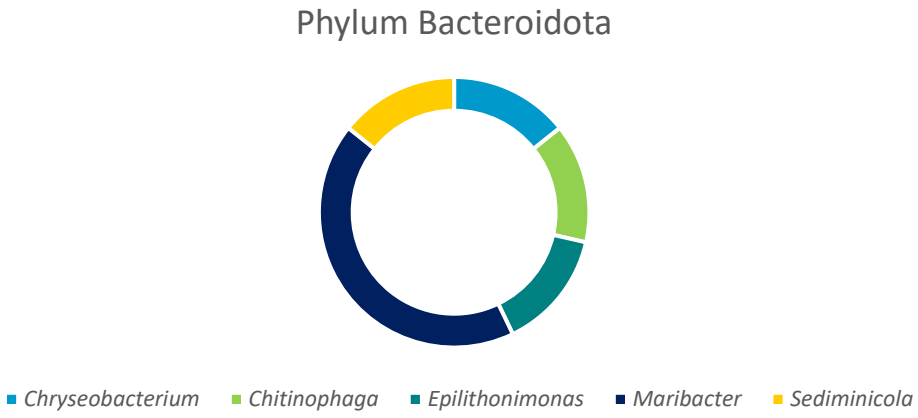
CM2C collection gathers more than 400 strains of bacteria and fungi. At the moment, more than 300 bacterial strains are cryopreserved and under constant maintenance, representing more than 42 genera across 3bacterial phyla. Moreover, around 90 fungal strains were included in the **CM2C** collection, and their information will be available soon.

The taxonomic identification of all bacterial and fungal strains was validated using standard molecular approaches. Most of the DNA sequences of strains of **CM2C** collection are deposited in GenBank. One of the main challenges is the ever-changing nature of taxonomy, which requires a close curation of the taxonomy of the strains. **CM2C** strains are identified following the most updated databases. Regarding the deposit of strains, the purity and taxonomic identification of all strains are performed and compared with the data provided by the depositor.

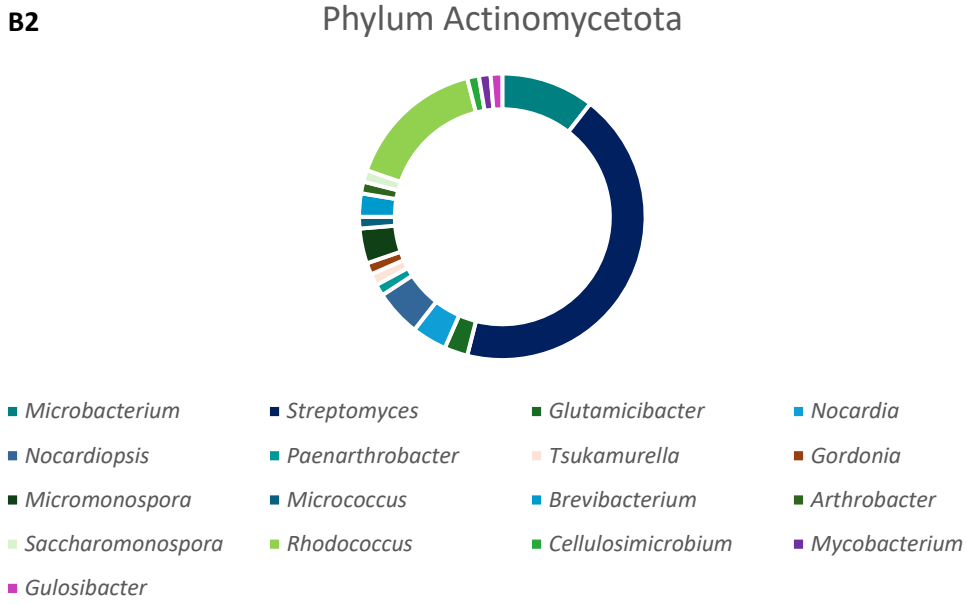
A



B1



B2



B3

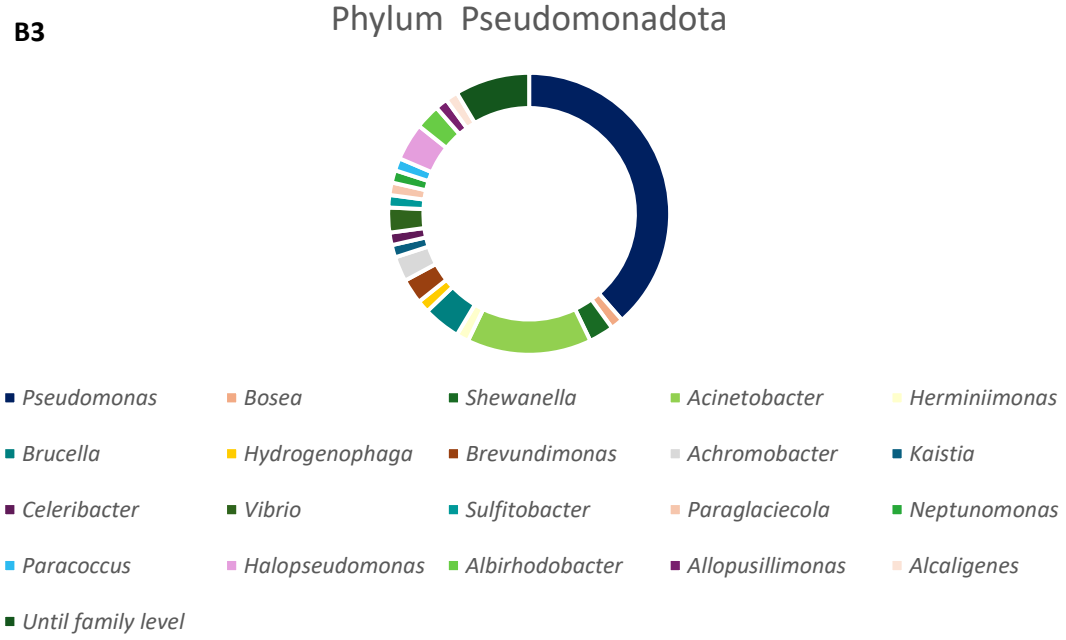


Figure 1 – General statistics for the CM2C bacterial strains distributed by (a) phyla and (b) genera.

Preservation and Quality Control

All the strains included in this catalogue were cultured in different culture media and maintained at 28 °C (see page 160). For more information regarding the cultivation conditions for a specific strain, please consult the respective catalogue sheet. For cryopreservation of axenic cultures, CM2C collection uses the Microbank™ system, allowing long-term microbial storage and recovery. All strains were stored at -80°C, in duplicate, and soon will also be stored at -150°C. Any new entry in **CM2C** will be confirmed in terms of its taxonomy and immediately cryopreserved. All strains are regularly thawed and evaluated for quality control, and the stock replenished. This long-term preservation procedure allows the genetic stability of **CM2C** strains and reduces the risk of strain contamination or loss. **CM2C** strains included in this first version of the catalogue are axenic bacterial strains. Fungal and other bacterial strains will be added in the future. Prior to any shipment, the morphological traits and growth of the strain are visually inspected.

Other Services

Bacterial and Fungal isolation and identification | Cryopreservation | Deposit of strains | Strains for purchase

Send us an expression of interest by using the contact form in the website or through our email.

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	***Microbacterium* sp. CM2C1601**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1601
Original strain ID	DPS9
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128754
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas* sp. CM2C1602**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1602
Original strain ID	DPS1
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128762
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Bosea* sp. CM2C1603**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Bosea* sp.
Collection ID	CM2C1603
Original strain ID	DPS2
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128739
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Shewanella* sp. CM2C1604**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Shewanella* sp.
Collection ID	CM2C1604
Original strain ID	DPS3
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128776
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Acinetobacter* sp. CM2C1605**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1605
Original strain ID	DPS5
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128733
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas* sp. CM2C1606**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1606
Original strain ID	DPS6
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128764
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas* sp. CM2C1607**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1607
Original strain ID	DPS10
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128763
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Acinetobacter* sp. CM2C1608**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1608
Original strain ID	DBS1
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128732
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Herminiimonas* sp. CM2C1609**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Herminiimonas* sp.
Collection ID	CM2C1609
Original strain ID	DBS2
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128747
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Brucella* sp. CM2C1610**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Brucella* sp.
Collection ID	CM2C1610
Original strain ID	DBS4
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128755
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas* sp. CM2C1611**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1611
Original strain ID	DBS6
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128758
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas alloputida* CM2C1612**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas alloputida*
Collection ID	CM2C1612
Original strain ID	DBS7
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128759
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas sediminis* CM2C1613**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas sediminis*
Collection ID	CM2C1613
Original strain ID	DBS8
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128760
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	***Pseudomonas* sp. CM2C1614**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1614
Original strain ID	DBS9
Isolation matrix	Estuarine sediment enrichment
Sample description	Estuarine sediment from saltmarsh area with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.148194 / -8.652528
Year of sampling	2016
Isolator	Joana Fernandes
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN128761
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Fernandes, J. P., Duarte, P., Almeida, C. M. R., Carvalho, M. F., & Mucha, A. P. (2020). Potential of bacterial consortia obtained from different environments for bioremediation of paroxetine and bezafibrate. Journal of Environmental Chemical Engineering, 8(4), 103881. https://doi.org/10.1016/j.jece.2020.103881 Duarte, P., Almeida, C. M. R., Fernandes, J. P., Morais, D., Lino, M., Gomes, C. R., ... & Mucha, A. P. (2019). Bioremediation of bezafibrate and paroxetine by microorganisms from estuarine sediment and activated sludge of an associated wastewater treatment plant. Science of the total environment, 655, 796-806. https://doi.org/10.1016/j.scitotenv.2018.11.285

	Pseudomonadaceae CM2C1703
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1703
Original strain ID	2EE
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129546
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	Pseudomonadaceae CM2C1704
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1704
Original strain ID	5EE
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK130724
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Brucella* sp. CM2C1705**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Brucella* sp.
Collection ID	CM2C1705
Original strain ID	1EE
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129541
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Acinetobacter* sp. CM2C1706**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1706
Original strain ID	7EE
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK131037
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	Pseudomonadaceae CM2C1707 PCA
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1707
Original strain ID	1EF
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK128996
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Pseudomonas* sp. CM2C1708**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1708
Original strain ID	2EF
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129182
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Brucella* sp. CM2C1709**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Brucella* sp.
Collection ID	CM2C1709
Original strain ID	3EF
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129183
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Pseudomonas* sp. CM2C1710**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1710
Original strain ID	6EF
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129247
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***"Hydrogenophaga electricum"* CM2C1711**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*"Hydrogenophaga electricum"*
Collection ID	CM2C1711
Original strain ID	8EF
Isolation matrix	Estuarine sediment enrichment
Sample description	Site with a prolonged history of anthropogenic contamination
Country	Portugal
GPS Coordenates	41.147637 / -8.652532
Year of sampling	2017
Isolator	Diogo Alexandrino
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK129252
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Alexandrino, D. A., Mucha, A. P., Almeida, C. M. R., & Carvalho, M. F. (2020). Microbial degradation of two highly persistent fluorinated fungicides-epoxiconazole and fludioxonil. Journal of hazardous materials, 394, 122545. doi.org/10.1016/j.jhazmat.2020.122545

	***Microbacterium* sp. CM2C1401**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1401
Original strain ID	1P
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Phragmites australis*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY806197
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Brevundimonas* sp. CM2C1402**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Brevundimonas* sp.
Collection ID	CM2C1402
Original strain ID	2P
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Phragmites australis*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY794412
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Brevundimonas* sp. CM2C1403**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Brevundimonas* sp.
Collection ID	CM2C1403
Original strain ID	5P
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Phragmites australis*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	MF574355
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Achromobacter sp.* CM2C1404**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Achromobacter sp.*
Collection ID	CM2C1404
Original strain ID	2J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY794784
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Chryseobacterium* sp. CM2C1405**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Chryseobacterium* sp.
Collection ID	CM2C1405
Original strain ID	6J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY852467
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Chitinophaga* sp. CM2C1406**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Chitinophaga* sp.
Collection ID	CM2C1406
Original strain ID	7J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY794778
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Kaistia* sp. CM2C1407**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Kaistia* sp.
Collection ID	CM2C1407
Original strain ID	8J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY806220
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Epilithonimonas* sp. CM2C1408**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Epilithonimonas* sp.
Collection ID	CM2C1408
Original strain ID	9J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY794767
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Acinetobacter* sp. CM2C1409**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1409
Original strain ID	11J
Isolation matrix	Rhizosediments
Sample description	Sediments in contact with the plant roots from *Juncus maritimus*
Country	Portugal
GPS Coordenates	41.691333 / -8.816639
Year of sampling	2014
Isolator	Filipa Santos
Nagoya protocol restrictions	No restrictions
GenBank accession number	KY794768
Cultivation conditions	PCA medium; 28°C
References associated with the strain	Santos, F., Mucha, A. P., Alexandrino, D. A., Almeida, C. M. R., & Carvalho, M. F. (2019). Biodegradation of enrofloxacin by microbial consortia obtained from rhizosediments of two estuarine plants. Journal of environmental management, 231, 1145-1153. doi.org/10.1016/j.jenvman.2018.11.022

	***Streptomyces sp.* CM2C1807**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces sp.*
Collection ID	CM2C1807
Original strain ID	E59
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M2, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Glutamicibacter arilaitensis* CM2C1808**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Glutamicibacter arilaitensis*
Collection ID	CM2C1808
Original strain ID	E37
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1809**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1809
Original strain ID	E66A
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M2, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Nocardia* sp. CM2C1810**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Nocardia* sp.
Collection ID	CM2C1810
Original strain ID	E67B
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M2, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1811**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1811
Original strain ID	E85
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1812**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1812
Original strain ID	E88
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN 60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces albogriseolus* CM2C1813**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces albogriseolus*
Collection ID	CM2C1813
Original strain ID	E94
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Inês Ribeiro	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces demainii* CM2C1814**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces demainii*
Collection ID	CM2C1814
Original strain ID	E96
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces sp.* CM2C1815**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces sp.*
Collection ID	CM2C1815
Original strain ID	E99
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Nocardiopsis prasina* CM2C1816**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Nocardiopsis prasina*
Collection ID	CM2C1816
Original strain ID	E114
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Paenarthrobacter* sp. CM2C1817**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Paenarthrobacter* sp.
Collection ID	CM2C1817
Original strain ID	E116
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Tsukamurella* sp. CM2C1818**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Tsukamurella* sp.
Collection ID	CM2C1818
Original strain ID	E117
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1819**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1819
Original strain ID	E123
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

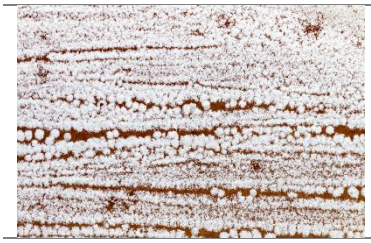
n.a – not available

	***Streptomyces althioticus* CM2C1820**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces althioticus*
Collection ID	CM2C1820
Original strain ID	E165
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1821**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1821
Original strain ID	E167
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1822**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1822
Original strain ID	E173
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Gordonia* sp. CM2C1823**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Gordonia* sp.
Collection ID	CM2C1823
Original strain ID	E195
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M2, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces violaceoruber* CM2C1825**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces violaceoruber*
Collection ID	CM2C1825
Original strain ID	E227
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1826**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1826
Original strain ID	E229
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Micromonospora* sp. CM2C1827**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Micromonospora* sp.
Collection ID	CM2C1827
Original strain ID	E243
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Collected in Intertidal zone
Country	Portugal
GPS Coordenates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M2, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Micrococcus luteus* CM2C2001**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Micrococcus luteus*
Collection ID	CM2C2001
Original strain ID	MG3
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA and M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Brevibacterium* sp. CM2C2002**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Brevibacterium* sp.
Collection ID	CM2C2002
Original strain ID	MG94
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Microbacterium* sp. CM2C2003**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C2003
Original strain ID	MG95
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	Streptomyces violaceoruber CM2C2004
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces violaceoruber*
Collection ID	CM2C2004
Original strain ID	MIT1
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Arthrobacter* sp. CM2C2005**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Arthrobacter* sp.
Collection ID	CM2C2005
Original strain ID	MIT7
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA and M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Micromonospora* sp. CM2C2006**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Micromonospora* sp.
Collection ID	CM2C2006
Original strain ID	MIT77A
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN 60:40, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Saccharomonospora azurea* CM2C2007**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Saccharomonospora azurea*
Collection ID	CM2C2007
Original strain ID	MIT78
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Nocardia* sp. CM2C2008**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Nocardia* sp.
Collection ID	CM2C2008
Original strain ID	MIT101
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA, NPS, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Nocardiopsis* sp. CM2C2009**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Nocardiopsis* sp.
Collection ID	CM2C2009
Original strain ID	MOT12
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Streptomyces coelicoflavus* CM2C2010**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces coelicoflavus*
Collection ID	CM2C2010
Original strain ID	MOT22
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Rhodococcus equi* CM2C2011**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus equi*
Collection ID	CM2C2011
Original strain ID	MOT38
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Rhodococcus* sp. CM2C2012**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus* sp.
Collection ID	CM2C2012
Original strain ID	MOT61
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA, SCN60:40, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Nocardia speluncae* CM2C2013**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Nocardia speluncae*
Collection ID	CM2C2013
Original strain ID	MOT62
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Micromonospora* sp. CM2C2014**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Micromonospora* sp.
Collection ID	CM2C2014
Original strain ID	MOT69
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Brevibacterium* sp. CM2C2015**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Brevibacterium* sp.
Collection ID	CM2C2015
Original strain ID	MOT70
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	MA, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Cellulosimicrobium* sp. CM2C2016**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Cellulosimicrobium* sp.
Collection ID	CM2C2016
Original strain ID	MOT72
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Mycobacterium* sp. CM2C2017**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Mycobacterium* sp.
Collection ID	CM2C2017
Original strain ID	MOT89
Isolation matrix	Ascidian *Molgula* sp.
Sample description	Isolated from ascidian tissues
Country	Portugal
GPS Coordenates	41.178306 / -8.704556
Year of sampling	2020
Isolator	Ana Matos
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN60:40, 28°C
References associated with the strain	Matos, A. (2023). Unravelling Ascidians Microbiome and its Bioactive Potential: Genomics, Proteomics and Microbial Inferences. (PhD thesis, Universidade do Porto, Portugal).

n.a – not available

	***Celeribacter* sp. CM2C1901**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Celeribacter* sp.
Collection ID	CM2C1901
Original strain ID	7BA_B
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486150
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	Pseudomonadaceae CM2C1902
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1902
Original strain ID	7BA_C
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486146
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Maribacter* sp. CM2C1903**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Maribacter* sp.
Collection ID	CM2C1903
Original strain ID	7BA_D
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486135
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Vibrio* sp. CM2C1904**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Vibrio* sp.
Collection ID	CM2C1904
Original strain ID	7BA_F
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486158
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Maribacter* sp. CM2C1905**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Maribacter* sp.
Collection ID	CM2C1905
Original strain ID	7BA_G
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486136
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Sediminicola* sp. CM2C1906**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Sediminicola* sp.
Collection ID	CM2C1906
Original strain ID	15N_A
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486153
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Sulfitobacter* sp. CM2C1907**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Sulfitobacter* sp.
Collection ID	CM2C1907
Original strain ID	15N_B
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486157
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Paraglaciecola* sp. CM2C1908**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Paraglaciecola* sp.
Collection ID	CM2C1908
Original strain ID	15N_E
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486140
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Neptunomonas phycophila* CM2C1909**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Neptunomonas phycophila*
Collection ID	CM2C1909
Original strain ID	15BS_A
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486138
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Pseudomonas marincola* CM2C1910**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas marincola*
Collection ID	CM2C1910
Original strain ID	15BS_B
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486142
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	Pseudomonadaceae CM2C1911
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1911
Original strain ID	15BS_C
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486145
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Shewanella indica* CM2C1912**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Shewanella indica*
Collection ID	CM2C1912
Original strain ID	15BS_D
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486155
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Pseudomonas* sp. CM2C1913**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1913
Original strain ID	15BS_F
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486143
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Rhodococcus erythropolis* CM2C1914**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1914
Original strain ID	15BA_A
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486152
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Maribacter* sp. CM2C1915**
Domain	Bacteria
Phylum	Bacteroidota
Name	*Maribacter* sp.
Collection ID	CM2C1915
Original strain ID	15BA_C
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486134
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Microbacterium* sp. CM2C1916**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1916
Original strain ID	15BA_E
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486137
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Paracoccus seriniphilus* CM2C1917**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Paracoccus seriniphilus*
Collection ID	CM2C1917
Original strain ID	15BA_F
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486139
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Vibrio* sp. CM2C1918**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Vibrio* sp.
Collection ID	CM2C1918
Original strain ID	15BA_G
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2019
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MW486159
Cultivation conditions	M1, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Magalhães, C., Ramos, S., Carolas, A. L., Ferreira, B. S., ... & Mucha, A. P. (2021). Bioremediation of petroleum hydrocarbons in seawater: prospects of using lyophilized native hydrocarbon-degrading bacteria. Microorganisms, 9(11), 2285. doi.org/10.3390/microorganisms9112285

	***Pseudomonas taeanensis* CM2C1615**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas taeanensis*
Collection ID	CM2C1615
Original strain ID	BS1
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833697
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Rhodococcus erythropolis* CM2C1616**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1616
Original strain ID	BAP2
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833710
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Rhodococcus erythropolis* CM2C1517**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1517
Original strain ID	CPN2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833712
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Rhodococcus erythropolis* CM2C1518**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1518
Original strain ID	CPN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833713
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Acinetobacter* sp. CM2C1519**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1519
Original strain ID	CPN5
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833683
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Halopseudomonas* sp. CM2C1617**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Halopseudomonas* sp.
Collection ID	CM2C1617
Original strain ID	NA3
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833688
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Microbacterium oxydans* CM2C1618**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium oxydans*
Collection ID	CM2C1618
Original strain ID	NA5
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833684
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Halopseudomonas* sp. CM2C1619**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Halopseudomonas* sp.
Collection ID	CM2C1619
Original strain ID	NA7
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833685
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Pseudomonas taeanensis* CM2C1620**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas taeanensis*
Collection ID	CM2C1620
Original strain ID	BS4
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833699
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	Pseudomonadaceae CM2C1621
Domain	Bacteria
Phylum	Pseudomonadota
Name	Pseudomonadaceae
Collection ID	CM2C1621
Original strain ID	BS7
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833687
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Rhodococcus erythropolis* CM2C1622**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1622
Original strain ID	BS11
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833711
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Pseudomonas taeanensis* CM2C1623**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas taeanensis*
Collection ID	CM2C1623
Original strain ID	BS13
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833698
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Rhodococcus erythropolis* CM2C1624**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1624
Original strain ID	BAA2
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833709
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Acinetobacter* sp. CM2C1625**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1625
Original strain ID	BAP5
Isolation matrix	Seawater
Sample description	Intertidal zone
Country	Portugal
GPS Coordenates	41.176398 / -8.692518
Year of sampling	2016
Isolator	Rafaela Perdigão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MN833682
Cultivation conditions	PCA, 28°C
References associated with the strain	Perdigão, R., Almeida, C. M. R., Santos, F., Carvalho, M. F., & Mucha, A. P. (2020). Optimization of an autochthonous bacterial consortium obtained from beach sediments for bioremediation of petroleum hydrocarbons. Water, 13(1), 66. doi.org/10.3390/w13010066

	***Streptomyces* sp. CM2C1626**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1626
Original strain ID	KENR1
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254613
Cultivation conditions	SCN, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces* sp. CM2C1627**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1627
Original strain ID	KENR16A
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254552
Cultivation conditions	SCN, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Albirhodobacter* sp. CM2C1520**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Albirhodobacter* sp.
Collection ID	CM2C1520
Original strain ID	CON1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1521**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1521
Original strain ID	CON2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1522**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1522
Original strain ID	CON3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Microbacterium* sp. CM2C1523**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1523
Original strain ID	CON4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Microbacterium* sp. CM2C1524**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1524
Original strain ID	CON5
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Albirhodobacter* sp. CM2C1525**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Albirhodobacter* sp.
Collection ID	CM2C1525
Original strain ID	CGN1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1526**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1526
Original strain ID	CGN2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1527**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1527
Original strain ID	CGN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Halopseudomonas* sp. CM2C1528**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Halopseudomonas* sp.
Collection ID	CM2C1528
Original strain ID	CGN4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***"Acinetobacter orzyae"* CM2C1529**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*"Acinetobacter orzyae"*
Collection ID	CM2C1529
Original strain ID	DGN1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Acinetobacter* sp. CM2C1530**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* sp.
Collection ID	CM2C1530
Original strain ID	DGN2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1531**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1531
Original strain ID	DGN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Rhodococcus erythropolis* CM2C1532**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1532
Original strain ID	DON1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Acinetobacter* junii CM2C1533**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Acinetobacter* junii
Collection ID	CM2C1533
Original strain ID	DON2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1534**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1534
Original strain ID	DON3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Allopusillimonas* sp. CM2C1535**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Allopusillimonas* sp.
Collection ID	CM2C1535
Original strain ID	DON4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Gulosibacter massiliensis* CM2C1536**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Gulosibacter massiliensis*
Collection ID	CM2C1536
Original strain ID	MGN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1537**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1537
Original strain ID	MGN4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1538**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1538
Original strain ID	MGN5
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1539**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1539
Original strain ID	MON1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Rhodococcus erythropolis* CM2C1540**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1540
Original strain ID	MON2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Alcaligenes* sp. CM2C1541**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Alcaligenes* sp.
Collection ID	CM2C1541
Original strain ID	MON5
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1542**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1542
Original strain ID	MPN1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1543**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1543
Original strain ID	MPN2
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Glutamicibacter arilaitensis* CM2C1544**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Glutamicibacter arilaitensis*
Collection ID	CM2C1544
Original strain ID	MPN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Microbacterium* sp. CM2C1545**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Microbacterium* sp.
Collection ID	CM2C1545
Original strain ID	MPN4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***"Acinetobacter orzyae"* CM2C1546**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*"Acinetobacter orzyae"*
Collection ID	CM2C1546
Original strain ID	DPN1
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas sp.* CM2C1547**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas sp.*
Collection ID	CM2C1547
Original strain ID	DPN3
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Achromobacter marplatensis* CM2C1548**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Achromobacter marplatensis*
Collection ID	CM2C1548
Original strain ID	DPN4
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Pseudomonas* sp. CM2C1549**
Domain	Bacteria
Phylum	Pseudomonadota
Name	*Pseudomonas* sp.
Collection ID	CM2C1549
Original strain ID	DPN5
Isolation matrix	Marine sediment
Sample description	Sampling site located near an oil refinery
Country	Portugal
GPS Coordenates	41.220528 / -8.714750
Year of sampling	2015
Isolator	Vanessa Gouveia
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	PCA, 28°C
References associated with the strain	Gouveia, V (2015). Bioremediation of Oil along the NW Portuguese Coast–The Role of Autochthonous Microorganisms (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1628**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1626
Original strain ID	KENR38
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254607
Cultivation conditions	RH, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Rhodococcus erythropolis* CM2C1629**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Rhodococcus erythropolis*
Collection ID	CM2C1629
Original strain ID	KENR39
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254623
Cultivation conditions	RH, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces sanglieri* CM2C1630**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces sanglieri*
Collection ID	CM2C1630
Original strain ID	KENR51
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254598
Cultivation conditions	RH, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces brevispora* CM2C1631**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces brevispora*
Collection ID	CM2C1631
Original strain ID	KENR71
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254611
Cultivation conditions	SCN, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces sp.* CM2C1632**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces sp.*
Collection ID	CM2C1632
Original strain ID	KENR75
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254561
Cultivation conditions	SCN, RH, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces sp.*CM2C1633**
Domain	Bacteria
Phylum	Actinomycetota
Name	*Streptomyces sp.*
Collection ID	CM2C1633
Original strain ID	KENR87
Isolation matrix	Algae *Laminaria ochroleuca*
Sample description	Intertidal area of the rocky shore
Country	Portugal
GPS Coordenates	41.309298 / −8.742228
Year of sampling	2016
Isolator	Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	MK254551
Cultivation conditions	SCN, 28°C
References associated with the strain	Girão, M., Ribeiro, I., Ribeiro, T., Pereira, F., Urbatzka, R., Leão, P. N., & Carvalho, M. F. (2019). Actinobacteria isolated from Laminaria ochroleuca: a source of new bioactive compounds. Frontiers in Microbiology, 10, 428916. doi.org/10.3389/fmicb.2019.00683

	***Streptomyces violaceoruber* CM2C1841**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces violaceoruber*
Collection ID	CM2C1841
Original strain ID	E230
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Intertidal zone
Country	Portugal
GPS coordinates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN 60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1840**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1840
Original strain ID	E82
Isolation matrix	Marine sponge *Hymeniacidon perlevis*
Sample description	Intertidal zone
Country	Portugal
GPS coordinates	41.230667 / -8.722194
Year of sampling	2018
Isolator	Inês Ribeiro
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	SCN 60:40, 28°C
References associated with the strain	Fonseca, C. (2019). Diversity and Bioactive potential of actinobacteria from the marine sponge *Hymeniacidon perlevis* (Master´s thesis, Universidade do Porto, Portugal)

n.a – not available

	***Streptomyces* sp. CM2C1839**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1839
Original strain ID	SI 1.28
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1838**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1838
Original strain ID	SI 1.27
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1837**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1837
Original strain ID	SI 1.40
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1836**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1836
Original strain ID	SI 1.22
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Rhodococcus wratislaviensis* CM2C1835**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Rhodococcus wratislaviensis*
Collection ID	CM2C1835
Original strain ID	SI 1.104
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Nocardiopsis* dassonvillei CM2C1834**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Nocardiopsis* dassonvillei
Collection ID	CM2C1834
Original strain ID	SI 1.61
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, SCN60:40, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1833**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1833
Original strain ID	SI 2.37
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, AIA, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces ardesiacus* CM2C1832**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces ardesiacus*
Collection ID	CM2C1833
Original strain ID	SI 1.18
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1831**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1831
Original strain ID	SI 1.25
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, 28°C
References associated with the strain	n.a

n.a – not available

	***Nocardiopsis* sp. CM2C1830**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Nocardiopsis* sp.
Collection ID	CM2C1830
Original strain ID	SI 2.54
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	M1, AIA media,28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1829**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1829
Original strain ID	SI 1.81
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, AIA, 28°C
References associated with the strain	n.a

n.a – not available

	***Streptomyces* sp. CM2C1828**
Domain	**Bacteria**
Phylum	Actinomycetota
Name	*Streptomyces* sp.
Collection ID	CM2C1828
Original strain ID	SI 1.73
Isolation matrix	Intestine from *Platichthys flesus*
Sample description	Intestine content from *Platichthys flesus*
Country	Portugal
GPS coordinates	41.142423 / -8.656211
Year of sampling	2018
Isolator	Inês Ribeiro / Mariana Girão
Nagoya protocol restrictions	No restrictions
GenBank accession number	n.a
Cultivation conditions	RH70:30, AIA, 28°C
References associated with the strain	n.a

n.a – not available

Culture media – Commercial formulations

PCA – Plate Count Agar: For more information please consult: https://www.liofilchem.net/login/pd/ifu/10032_IFU.pdf

MA – Marine Agar: Condalab, for more information consult: https://www.condalab.com/int/en/dehydrated-culture-media/73-15116-marine-agar.html

Culture media – Non-Commercial formulations

SCN - Starch-casein-nitrate agar

Per liter of deionized water.

- 10 g of soluble starch
- 0.3 g of casein
- 2 g of K_2HPO_4
- 2 g of KNO_3
- 2 g of NaCl
- 0.05 g of $MgSO_4.7H_2O$
- 0.02 g of $CaCO_3$,
- 0.01 g of $FeSO_4.7H_20$
- 17 g of agar

SCN60:40 - Starch-casein-nitrate agar

Per liter of seawater: deionized water (60:40)

- 10 g of soluble starch
- 0.3 g of casein
- 2 g of K_2HPO_4
- 2 g of KNO_3
- 2 g of NaCl
- 0.05 g of $MgSO_4.7H_2O$
- 0.02 g of $CaCO_3$,
- 0.01 g of $FeSO_4.7H_20$
- 17 g of agar

M1 agar

Per liter of seawater:

- 10 g of soluble starch
- 4 g of yeast extract
- 2 g of peptone
- 17 g of agar

M2 Agar

Per liter of seawater: deionized water (90:10)

- 6 mL of glycerol
- 1g of Arginine
- 1 g of K_2HPO_4
- 0.5 g of $MgSO_4.7H_2O$
- 18 g of agar

NPS - Nutrient-poor sediment extract

Per liter of seawater:

- 100 ml of marine sediment extract (obtained by washing 900 ml of sediments with 500 ml of seawater)
- 17 g of agar

RH - Raffinose-Histidine

Per liter of deionized water.

- 10 g of raffinose
- 1 g of L-histidine
- 1 g of KH_2PO_4
- 0.5 g of $MgSO_4.7H_2O$
- 0.01 g of $FeSO_4.7H_20$
- 20 g of agar

RH70:30 - Raffinose-Histidine

Per liter of seawater: deionized water (70: 30)

- 10 g of raffinose
- 1 g of L-histidine
- 1 g of KH_2PO_4
- 0.5 g of $MgSO_4.7H_2O$
- 0.01 g of $FeSO_4.7H_20$
- 20 g of agar