Vivaldi Project

Data management plan

Microscope description of Tissue damage and tissue localisation of the bacteria Vibrio aestuarianus during an experimental infection

DATA MANAGEMENT PLAN

Template sheet for each dataset

Partner name	*IFREMER*

Data category	*Microscopical description*

Concerned WP	*WP2* *Choisissez un élément.* *Choisissez un élément.*

Name of the VIVALDI referent(s)	*Microscopical description: Steve Feist*

Reference of the dataset *Please refer to the DMP table to find the appropriate reference.* *Ex: Genome-Patho/SubTaskN°/Pathogen/PartnerN°*	Microscopical-descr/2.2.3/Crassostrea-gigas/Vibrio-aestuarianus/Partner1

Description of the data	Tissue damage and tissue localisation of the bacteria *Vibrio aestuarianus* during an experimental infection (oyster *Crassostrea gigas*)

Type	*Photos*

Period and frequency of data collection	*Day 1 and day 4 after an experimental infection*

Geographical site of data collection (if applicable)	*Specify the geographical site of data collection*

Description of the material from which the dataset is generated *Information will be obtained from individuals, which can come from natural/hatchery population and/or from family produced in hatchery. Animals can be infected (naturally or experimentally). DNA extraction can be done from the whole animal, tissue.*	*Hatchery produced animals experimentally infected*
Protocols *Example: 16S ribosomal RNA gene sequencing by NGS* **Please refer to the DMP table* for more examples**	*Experimental infection by immersion:* Bivalve immersion into a contaminated seawater Animals were sampled and fixed at day 1 and day 4 after infection. Oyster tissue slices were stained with Hematoxylin Eosin and immunostained using a *rabbit polyclonal anti-[Va]* antibody.

Nature of the collected/generated data *Example: Raw dataset in .blc/.fastqc/.fasta formats for genomic*	*.ndpi files*

information, and processed datas set will be .vcf/.bed formats. ***Please refer to the DMP table* for more examples***	
Coverage (if applicable) *Example: random genomic regions covered at 50 X* ***Please refer to the DMP table* for more examples***	*Specify the coverage*
What are the prerequisites allowing to use the data as such? *Example: Any person able to use .fastqc file and .fasta file* ***Please refer to the DMP table* for more examples***	*Please specify*
Sharing of main data	*Saved and shared after publication* *Please specify*
Archiving and preservation *Example: data will be stored on a hard drive + online back up and then will be released on public database (Sinoe, Dryad) after publication.* ***Please refer to the DMP table* for more examples***	*The data will be stored on a Ifremer database* *https://www.seanoe.org/data/00501/61299/*
List, description and storage of associated data (metadata) *Examples: environmental data, mortality monitoring, genotyping…*	*Mortality monitoring during the experimental period*
Sharing of metadata (if relevant)	*Choisissez un élément.* *Please specify*

*To access the DMP table, please login on the VIVALDI online platform

Once completed, this sheet has to:
1. **Be sent to the referent(s) identified above for a final check**
2. **Be uploaded on the VIVALDI online platform**