

Supplementary information

Obtaining files

To begin with, the FTP server (<ftp://ftp.sra.ebi.ac.uk/vol1>) where the files are stored should be mounted on your local computer. To copy the files to your server you can then run the script (scripts/scp_ftps.sh) provided in the repo. This script is written for an Ubuntu 20.04 machine, if running some other operating system you will most likely need to change the file paths. The server has been given the host name alias bbt-remote on the local computer.

Coding genes

Table 1. Number of coding genes found in blast search in SwissProt database for each of the 4 samples when filtering for e-value <0.0001 and only *Mytilus edulis* species.

ID	PROTEINS
MC5	5771
MI5	13209
MO1	3432
S221	1562
S323	3386