



ARMS choose and parameterize: fact sheet

Aim	Using this service, the user will be able to select which execution path to follow. The user can choose from three possible code-paths to follow based on the type of sequencing data that he/she wishes to process using P.E.M.A. in the next steps of the workflow. The user can indicate which columns of the <i>MasterARMS_filtered.csv</i> file contains the specific data for the analysis. These columns contain links (i.e. sequences accession numbers) from which the workflow can download the necessary data.
Input	A <i>MasterARMS_filtered.csv</i> file which is the output of the “ARMS filter and select” service.
Requirements	Requires that the data from the <i>MasterARMS_2018.csv</i> file have been loaded correctly within the “ARMS file extractor” service or by using the “ARMS uploader” service.
Analytical tools	This service allows the user to choose the following columns of the <i>MasterARMS_filtered.csv</i> for the P.E.M.A. analysis: "gene_COI", "gene_18S", "gene_ITS".
Output	A <i>MasterARMS_filtered_path.csv</i> file.
Citations	Obst, M.; Pavlodi, C.; Gerovasileiou, V.; Exter, K.; Department of Marine Sciences; Faculty of Science. University of Gothenburg; Sweden; Institute of Marine Biology, Biotechnology and Aquaculture. Hellenic Centre for Marine Research; Greece; Flanders Marine Institute; Belgium; (2020): ARMS 2018 dataset on long-term monitoring and biodiversity assessment of invasive and indigenous hard-bottom communities. http://www.assembleplus.eu/information-system?module=dataset&dasid=6405
Metadata	https://metadatalogue.lifewatch.eu/srv/eng/catalog.search#/metadata/e6289cf6-dde7-4584-89e6-bd7e907a4b5f
Further readings	IMIS - http://vliz.be/en/integrated-marine-information-system ASSEMBLE Plus collection - http://www.assembleplus.eu/information-system?module=dataset&dasid=6405