

*Horizon 2020 Work programme*

Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy

*Call*

H2020-FNR-2020: Food and Natural Resources

*Topic name*

FNR-16-2020: ENZYMES FOR MORE ENVIRONMENT-FRIENDLY CONSUMER PRODUCTS

*FuturEnzyme:*

Technologies of the Future for Low-Cost Enzymes for Environment-Friendly Products

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Set of 500 computational driven sequences selected

MS6

## Document information sheet

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Summary

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# SET OF 500 COMPUTATIONAL DRIVEN SEQUENCES SELECTED

## 1. Scope of Milestone

Report/sequences available - this milestone will consist in a fasta file containing 500 full-length candidate sequences encoding enzymes relevant to FuturEnzyme with high probability to fulfill manufacturer’ specifications based on computational predictions. The fasta file will be deposited in the FuturEnzyme internal repository.

## 2. Methodology: Source and selection of enzymes

Through a protocol extensively described in the deliverable D2.2, at least 3,152,857 sequences have been selected by in silico approaches and are available in the intranet’s project website:

* See intranet’s website File 1 (D2\_2) in www.futurenzyme.eu -> login -> private-area -> shared-data

From them, a total of ca. 500 representing each of the clusters representing the enzymes identified, have been selected and and are available in the intranet’s project website:

* See intranet’s website File 2 (D2\_2) in www.futurenzyme.eu -> login -> private-area -> shared-data
* See intranet’s website: File 3 (D2\_2) in www.futurenzyme.eu -> login -> private-area -> shared-data