

Funded Project

FAIRification of IsoSeq Evidence-driven annotation of the biodiversity

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Genomics of Gene Expression Lab

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Funded by the European Union



- Understanding species' resilience is crucial for conservation, but genome annotation remains a major hurdle
- Long-read RNA sequences present challenges in the integration into pipelines, due to noise and innacuracies
- Existing guidelines lack clear instructions on using full-length RNA sequences, limiting data integration and reuse





- Development and implementation of a FAIR workflow to perform IsoSeq-driven genome annotation
- Connecting databases and pipelines:
 - European Nucleotide Archive
 - European Reference Genome Atlas
- Encouraging the generation of IsoSeq data for non-model organisms



















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