Amplicon\_sorter: a tool for reference-free amplicon sorting based on sequence similarity and for building consensus sequences

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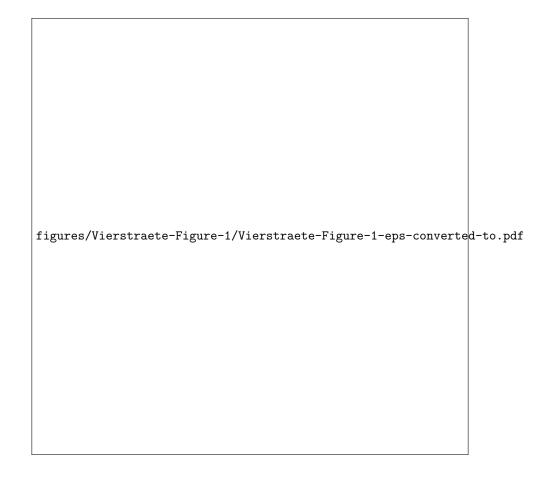
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## Abstract

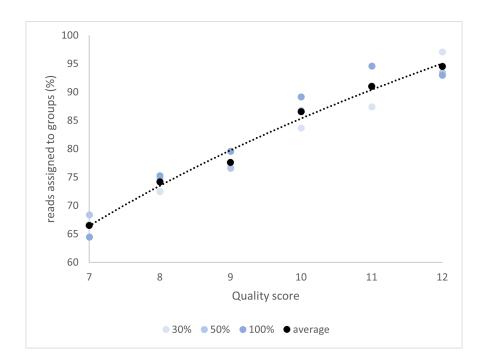
Oxford Nanopore Technologies (ONT) is a third-generation sequencing technology that is gaining popularity in ecological research for its portable and low-cost sequencing possibilities. Although the technology is primarily developed for long-read sequencing, it can also be applied to sequence amplicons. The downside of ONT is the low quality of the raw reads. Hence, generating a high-quality consensus sequence is still a challenge. We present Amplicon\_sorter, a tool for reference-free sorting of ONT sequenced amplicons based on their similarity in sequence and length and for building solid consensus sequences.

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Vierstraete\_AmpliconSorter.docx available at https://authorea.com/users/440161/articles/540935-amplicon\_sorter-a-tool-for-reference-free-amplicon-sorting-based-on-sequence-similarity-and-for-building-consensus-sequences



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