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Clustering of Long Noisy Reads

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SUMMARY

PROBLEM DESCRIPTION

Long reads can be quite noisy, and quality values are used to detect wrong bases.
Q-cluster is a tool to cluster short reads based on k-mers and quality values, here the code:
https://github.com/CominLab/QCluster
The idea is to extend this tool to be able to handle larger values of k,
and test its effectiveness as in this paper:

TOOLS

QCLUSTER

ISONCLUSTER

SOLUTION

TESTING

RESULTS