

Molecular Biotechnology Programme

Uppsala University School of Engineering

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Title (English)	
Clustering of DNA sequence reads from repeat regions using defined nucleotide positions (DNPs)	
Abstract	
Sequencing genomes with a high frequency of	repeat regions is a difficult task
The aim of the project was to develop an algor	1 0
highly repetitive genome. By using specific dif	<u>-</u>
nucleotide positions (DNPs), cluster DNA sequ	
the development of the algorithm resulted in a quite complex algorithm. Test runs of the algorithm showed that there is still work to be done to get a desirable result.	
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Keywords	
DNP, repeat regions, SolidClusters, algorithm	
Divi, repeat regions, sonderusters, argorithm	
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