Algorithms for clustering highly conserved phylogenetic markers

A prospectus submitted in partial fulfillment of the degree of Doctor of Philosophy

Preliminary Oral Examination for
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Month Day, Year

Abstract

Insert abstract here.

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2 Related Work

3 Preliminary Work

3.1 Parallelizing sequence recruitment to a cluster center

3.1.1 Naive

3.1.2 Work-based

3.2 Efficient data structures for edit distance computation

3.2.1 Suffix tree cluster center representation

4 Proposed Work

4.1 Farrah's algorithm for SIMD edit distance computation

4.2 Streaming clustering

5 Timeline

Item 1	2 months
Item 2	3 months
Item 3	4-5 months
Item 4	2-3 months
TOTAL	11-13 months

Paper deadline goals:

- Conference, Month Year: Project 1
- Conference, Month Year: Project 2
- Conference, Month Year: Project 3

6 Conclusion

Insert conclusion here.

A Reading List

A.1 Area 1

1) Citation 1.

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3) Citation 3.

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1) Citation 1.

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A.3 Area 3

1) Citation 1.

2) Citation 2.

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4) Citation 4.

5) Citation 5.

B Appendix A

References

[1] First Last. *Source Title*. Year.