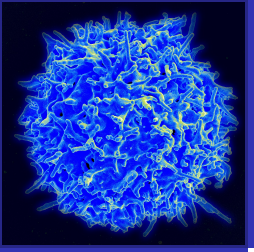
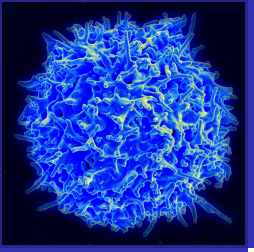


Recapitulation
Refactoring
Comparison
Release

turboGliph

Monthly meeting

March 2023



Recapitulation
Refactoring
Comparison
Release

1 Recapitulation

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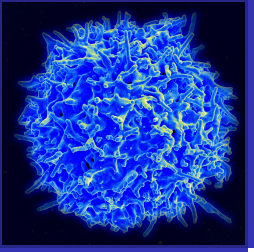
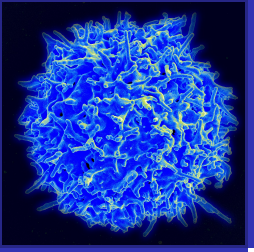
4 Release



Goals after last meeting

Recapitulation
Refactoring
Comparison
Release

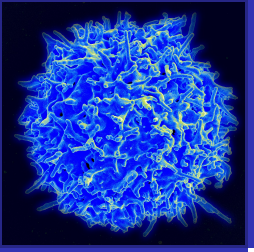
- Unify gliph1, gliph2 and gliph_combined



Goals after last meeting

Recapitulation
Refactoring
Comparison
Release

- Unify gliph1, gliph2 and gliph_combined
- Split up huge functions into smaller ones



Goals after last meeting

Recapitulation
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Comparison
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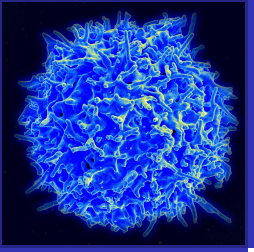
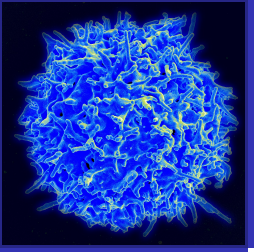
- Unify gliph1, gliph2 and gliph_combined
- Split up huge functions into smaller ones
- Identify potential problems, if possible



Goals after last meeting

Recapitulation
Refactoring
Comparison
Release

- Unify gliph1, gliph2 and gliph_combined
- Split up huge functions into smaller ones
- Identify potential problems, if possible
- Work towards Bioconductor release



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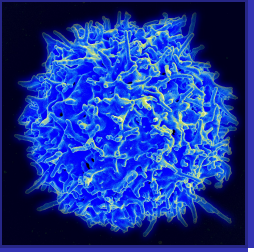
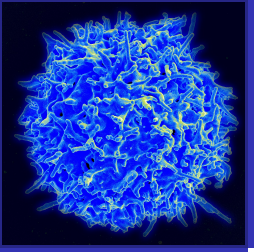


turboGliph refactoring

Recapitulation
Refactoring
Comparison
Release

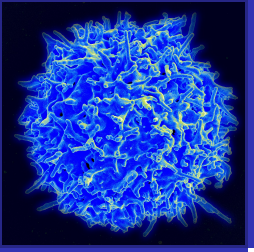
- Began by analysing existing codebase



turboGliph refactoring

Recapitulation
Refactoring
Comparison
Release

- Began by analysing existing codebase
- Faced some problems: Long functions, unclear separations, hard to read, copy&paste redundancy, ...



turboGliph refactoring

Recapitulation
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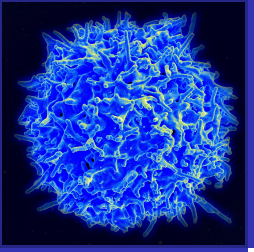

turboGliph refactoring

Recapitulation
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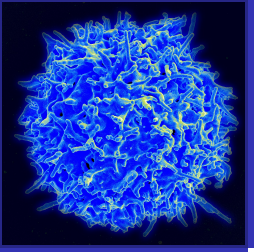
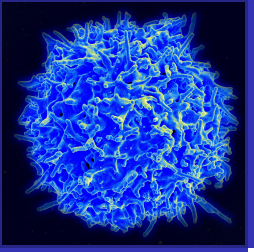
- Started over with new repository to save time
- Working title: gliphR



gliphR development

Recapitulation
Refactoring
Comparison
Release

- Focused on clustering part for now, scoring and plotting possibly in later releases



gliphR development

Recapitulation
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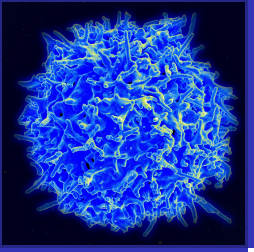

gliphR development

Recapitulation
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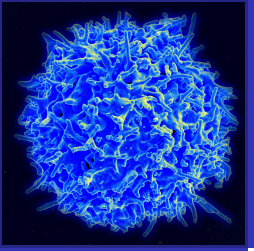

gliphR development

Recapitulation
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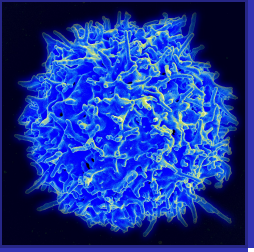
- Sidenote: Github VCS, comments, issues so far good to work with



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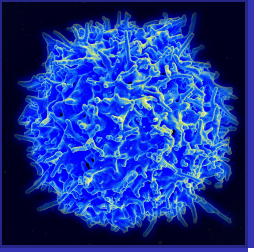
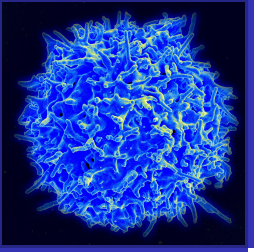


Package comparison

Recapitulation
Refactoring
Comparison
Release

- Recreated and extended Jan's package comparison



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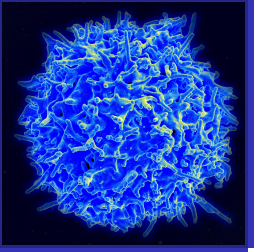

Package comparison

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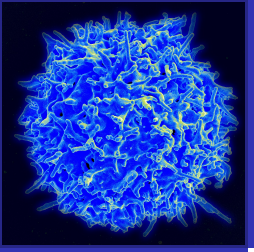

Package comparison

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- Recreated and extended Jan's package comparison
- Compared turboGliph package with Gliph2 executable and Gliph (Perl)
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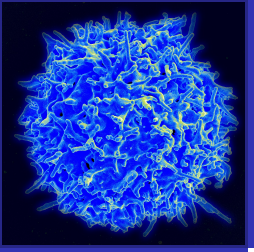
- Focus on comparison of turboGliph vs gliphR versions (in the making)



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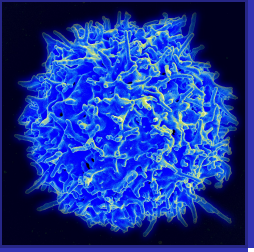

Road to Bioconductor

Recapitulation
Refactoring
Comparison
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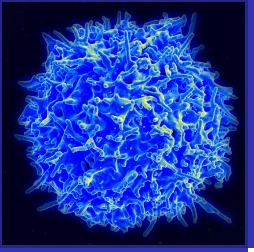
- Finish work on gliphR issues



Road to Bioconductor

Recapitulation
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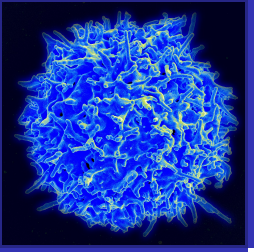
- Finish work on gliphR issues
- Comparison turboGliph & gliphR



Road to Bioconductor

Recapitulation
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- Finish work on gliphR issues
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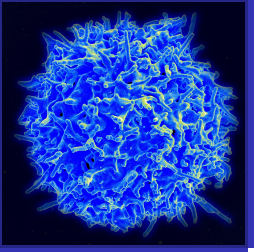
- Bioconductor release: first release with clustering, only?



Road to Bioconductor

Recapitulation
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- Finish work on gliphR issues
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- Future package maintaining