

TAG-AID

Interface specifications

Introduction

This document **defines specifications for the development** of a new version of the TAG-AID interface, based on the work done so far in the context of a Design Sprint (<http://huygensing.github.io/tag-aid-poc/>).

The new interface will be based on **state-of-the art technologies of web applications** development, such as:

- The single-page application (SPA) approach
- Javascript-based front end and visualisations
- HTML5
- CSS3, ideally coupled with CSS preprocessors for easier maintenance
- A framework for responsive applications, like Pure, Skeleton, Bootstrap, etc.

The document is organised in sections describing the main functionalities of the interface. It is meant to **guide discussion** and to be **updated regularly** with the options defined with the team. Eventually it will contain all the details necessary for efficient development.

General layout and typography

The layout will be based on a **grid system**, a standard approach to ensure consistency and responsiveness. The current demonstration grid is defined by **12 columns**, whose width, gutters, and vertical rythm are yet to be sized precisely.

We will use recommendations and guidelines about typography applied to the web, such as <http://webtypography.net/>, or the Material Design guidelines (<https://material.google.com/>).

Homepage: 12 columns grid system shown in background.

Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens

sort by ▾ footprint ▾

**Parzival**
13 witnesses - 188 tokens [view](#)**Genesis**
24 witnesses - 666 tokens [view](#)**Orationes**
18 witnesses - 100 tokens [view](#)**Awesome novel**
15 witnesses - 127 tokens [view](#)**The shortest one**
4 witnesses - 88 tokens [view](#)**Little things**
10 witnesses - 97 tokens [view](#)**Medium things**
17 witnesses - 99 tokens [view](#)**Dense poetry**
22 witnesses - 123 tokens [view](#)**Songs for dogs**
34 Witnesses - 134 tokens [view](#)**Tales from Ukraine**
5 witnesses - 82 tokens [view](#)**Boring stuff**
2 witnesses - 92 tokens [view](#)**I am cool**
7 witnesses - 125 tokens [view](#)**I am the longest**
74 witnesses - 1000 tokens [view](#)**About my shoes**
19 witnesses - 276 tokens [view](#)

Corpus overview

Text footprint

The idea of a text footprint was inspired by the overview histogram developed during the Design Sprint, as well as visualisation of audio tracks, and lexical dispersion plots.

A footprint makes it possible to **characterise each text** with reference to its length and degree of variations of its witnesses. It provides a strong and unique visual identity to each text that can be used at many different levels, from the **visual representation of an entire corpus**, to **browsing** single witnesses.

Below, an example of a footprint. Each line represents a position of tokens in the text (left to right). The height of the line is proportional to the number of variations at a certain position.



Homepage: overview of a corpus of texts.

| | | |
|---|---|----------------------|
| Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens | sort by | footprint |
| | Parzival 13 witnesses - 188 tokens | view |
| | Genesis 24 witnesses - 666 tokens | view |
| | Orationes 18 witnesses - 100 tokens | view |
| | Awesome novel 15 witnesses - 127 tokens | view |
| | The shortest one 4 witnesses - 88 tokens | view |
| | Little things 10 witnesses - 97 tokens | view |
| | Medium things 17 witnesses - 99 tokens | view |
| | Dense poetry 22 witnesses - 123 tokens | view |
| | Songs for dogs 34 Witnesses - 134 tokens | view |
| | Tales from Ukraine 5 witnesses - 82 tokens | view |
| | Boring stuff 2 witnesses - 92 tokens | view |
| | I am cool 7 witnesses - 125 tokens | view |
| | I am the longest 74 witnesses - 1000 tokens | view |
| | About my shoes 19 witnesses - 276 tokens | view |

Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens



sort by ▾ footprint ▾

most recent view

title view

text length view

Genesis view

24 witnesses - 666 tokens

Orationes view

18 witnesses - 100 tokens

Awesome novel view

15 witnesses - 127 tokens

The shortest one view

4 witnesses - 88 tokens

Little things view

10 witnesses - 97 tokens

Medium things view

17 witnesses - 99 tokens

Dense poetry view

22 witnesses - 123 tokens

Songs for dogs view

34 Witnesses - 134 tokens

Tales from Ukraine view

5 witnesses - 82 tokens

Boring stuff view

2 witnesses - 92 tokens

I am cool view

7 witnesses - 125 tokens

I am the longest view

74 witnesses - 1000 tokens

About my shoes view

19 witnesses - 276 tokens

Text selection. A click on the red band or on the “view” link takes the user to the exploration of the text and its witnesses.

Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens

sort by footprint

| | | |
|--|---|----------------------|
| | Parzival 13 witnesses - 188 tokens | view |
| | Genesis 24 witnesses - 666 tokens | view |
| | Orationes 18 witnesses - 100 tokens | view |
| | Awesome novel 15 witnesses - 127 tokens | view |
| | The shortest one 4 witnesses - 88 tokens | view |
| | Little things 10 witnesses - 97 tokens | view |
| | Medium things 17 witnesses - 99 tokens | view |
| | Dense poetry 22 witnesses - 123 tokens | view |
| | Songs for dogs 34 Witnesses - 134 tokens | view |
| | Tales from Ukraine 5 witnesses - 82 tokens | view |
| | Boring stuff 2 witnesses - 92 tokens | view |
| | I am cool 7 witnesses - 125 tokens | view |
| | I am the longest 74 witnesses - 1000 tokens | view |
| | About my shoes 19 witnesses - 276 tokens | view |

Footprint view options

Footprint can be visualised in two different ways:

- With **lengths normalised**
- With **lengths proportionally scaled** on the longest text contained in the corpus

Switching from one visualisation to the other is possible thanks to the “footprint” dropdown menu in the upper-right section of the homepage.

Example



| | | |
|---|--------------------|----------------------|
| Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens | sort by | footprint |
| | Parzival | normalized |
| | Genesis | view |
| | Orationes | view |
| | Awesome novel | view |
| | The shortest one | view |
| | Little things | view |
| | Medium things | view |
| | Dense poetry | view |
| | Songs for dogs | view |
| | Tales from Ukraine | view |
| | Boring stuff | view |
| | I am cool | view |
| | I am the longest | view |
| | About my shoes | view |

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| | Medium things 17 witnesses - 99 tokens | view | |
| | Dense poetry 22 witnesses - 123 tokens | view | |
| | Songs for dogs 34 Witnesses - 134 tokens | view | |
| | Tales from Ukraine 5 witnesses - 82 tokens | view | |
| | Boring stuff 2 witnesses - 92 tokens | view | |
| | I am cool 7 witnesses - 125 tokens | view | |
| | I am the longest 74 witnesses - 1000 tokens | view | |
| | About my shoes 19 witnesses - 276 tokens | view | |

Title and witness search

A search box makes it possible to search for :

- The **title of a text**, or
- The **code of a witness**

Search is based on **autocomplete**. Once the user starts entering letters and numbers, the related results are shown in a drop down list and can be selected to find the text in the corpus and highlight it, so it can be selected and explored.

Clicking on the X on the upper-right part of the search box clears the current search.

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|---|---|----------------------|-----------|
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| | I am cool 7 witnesses - 125 tokens | view | |
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| | About my shoes 19 witnesses - 276 tokens | view | |

Kj4567

Kjut-7

Kjj98ef

sort by ▼

Parzival

13 witnesses - 188 tokens

view

Genesis

24 witnesses - 666 tokens

view

Orationes

18 witnesses - 100 tokens

view

Awesome novel

15 witnesses - 127 tokens

view

The shortest one

4 witnesses - 88 tokens

view

Little things

10 witnesses - 97 tokens

view

Medium things

17 witnesses - 99 tokens

view

Dense poetry

22 witnesses - 123 tokens

view

Songs for dogs

34 Witnesses - 134 tokens

view

Tales from Ukraine

5 witnesses - 82 tokens

view

Boring stuff

2 witnesses - 92 tokens

view

I am cool

7 witnesses - 125 tokens

view

I am the longest

74 witnesses - 1000 tokens

view

About my shoes

19 witnesses - 276 tokens

view

Welcome to TAG-AID. There are currently 56 texts, for a total of 36573 tokens



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Kj4567

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Parzival

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Text browsing

Requirements for the graph view

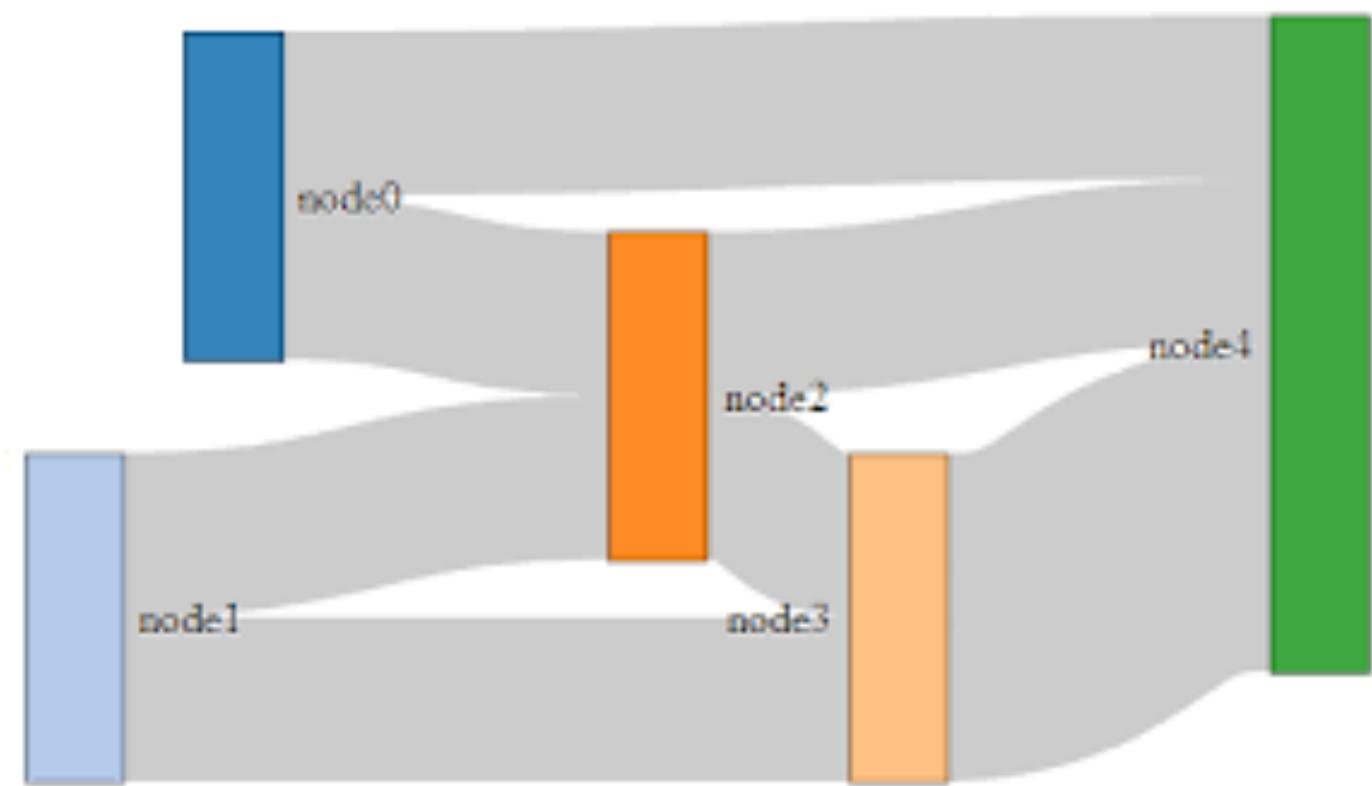
The main requirements for the graph view identified so far are:

- See the **general scenario as well as the details** of specific witnesses using the same visual model
- Understand the **paths** of the majority of witnesses
- Understand the **relative weight of tokens** based on their frequency in a specific position
- Understand the **relative weight of sequences** (token > token)
- **Compare** where specific witnesses differ one from the other and from the majority
- Have a **light visual model** where the details can be activated/deactivated at need to improve readability and browsing

In the current proposal the aspects related to scholarly work (e.g. dynamic grouping of tokens, changes in the readings, etc.) are not developed. They will require additional discussion with domain experts.

Sankey diagrams (I)

The solution propose is a Sankey diagram (https://en.wikipedia.org/wiki/Sankey_diagram). This kind of diagram is very effective in visualizing flows and their intensity.



Each bar of the diagram corresponds to a node (token). The height of the bar is proportional to the number of instances of that node, in our case the number of witnesses containing that token in that position.

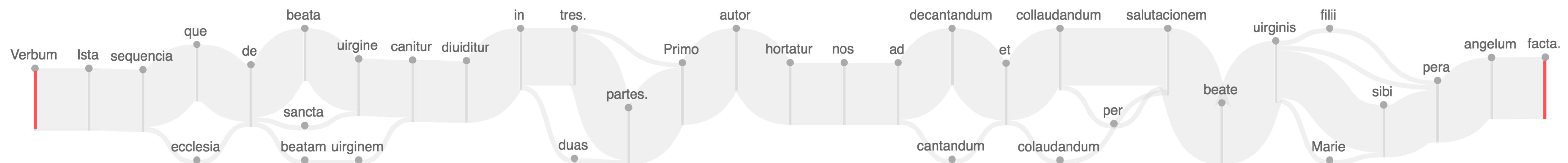
The edges connect the lines in a flow showing how many tokens of a specific node are sequentially followed by X tokens in the next node A, Y in the next B, etc. A real example is provided in the next page.

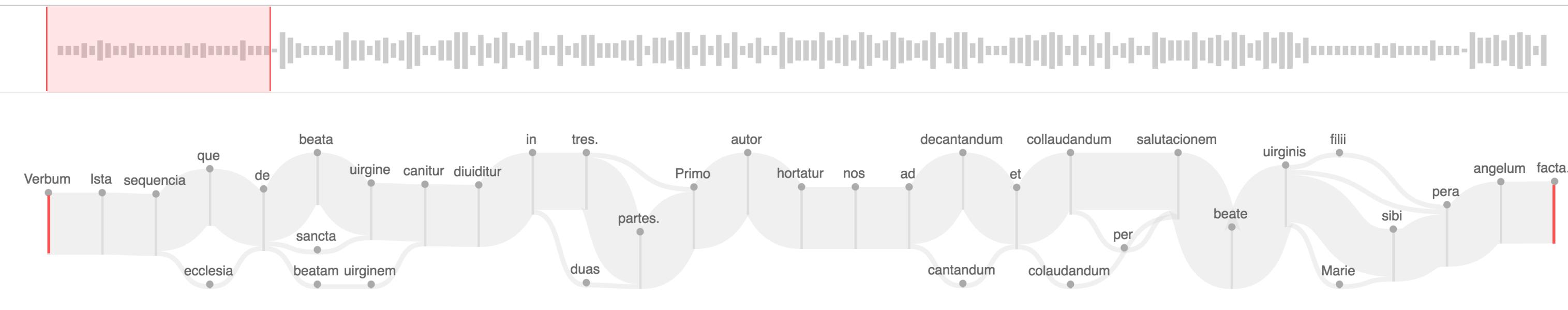
Sankey diagrams (II)

The **example** represents a sequence of tokens starting from “Verbum” and ending in “facta.”. From the diagram we can see e.g. that:

- All the witnesses follow the sequence "Verbum > Ista > sequencia"
 - From "sequencia":
 - The majority follows the path sequencia > due >de
 - A few follow the path sequencia > ecclesia > de

Visual hints and options help precisely evaluate numbers, path etc., as it will be shown in the next pages.



**Majority**

Verbum Ista sequencia que de beata uirgine canitur diuiditur in tres. partes. Primo autor hortatur nos ad decantandum et collaudandum per salutacionem beate uirginis Marie sibi per angelum factam. Secundo salutat beatam uirginem ipsam commendando. Tercio dirigit peticiones suas ad beatam uirginem. Secunda ibi: aue ueri Salomonis; tercia ibi: supplicamus. Notandum Nota: salutacio per quam incarnacio Filii Dei annunciat a est, est uerbum bonum et suaue. Nam sicut antiquus serpens dyabolus Euam decepit per malam suggestionem, per falsam assertio, uel affectionem, per fallacem promissionem, sic bonus angelus Gabriel salutem generis humani male Marie annunciauit per oppositum. Primo benigne ipsam benigne salutando, dicens: Aue. gracia. cetera. Secundo uera asserendo et cetera. Secundo uere asserendo ipsam commendando dicens: Gracia plena. Tercio certa sibi promittendo, dicens: Ecce, concipies. et paries filium. et cetera. Secundo Nota quod in hac salutacione, qua angelus salutauit Mariam salutauit ipse ab ea omnem timorem expulit unde eciam addidit: Ne timeas, Maria. Timuit enim apud Dominum. Sed Eua a dyabolo decepta timuit sed Maria non quia Aue sibi Aue annunciat. Timeant peccatores sed Maria non quia gracia plena. gracia. Timeant a Deo elongati sed Maria non quia dicens tecum. Timeant maledicti sed Maria non quia benedicta tu in mulieribus. Tercio Nota quod secundum doctores theologie quod Maria consensit uerbis angelo et fidem adhibuit dicens: Ecce ancilla Domini. Fiat mihi secundum uerbum tuum.

Search token

Witnesses Majority

- Wi3818
- MüU151
- Kr299
- Sg524
- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks



Witness dots



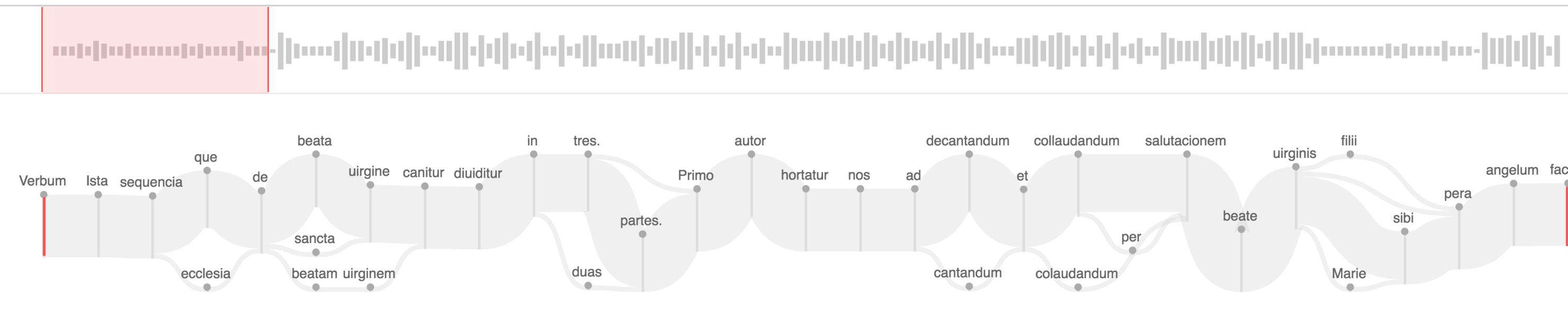
Witness path



Hide/show selectors and options

In order to improve readability and help users in browsing, it is possible to **hide/show the section on the right of the interface** containing the selectors of witnesses and the graph options.

Other hide/show and resizing functionalities (e.g., resizing the areas of the graph and/or the texts) are not included in the current mockup,.

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Search token

Witnesses **Majority**

- Wi3818
- MüU151
- Kr299
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- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

Node eight



Node width



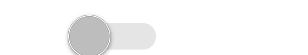
Node opacity



Edge opacity



Position ruler



Variation marks

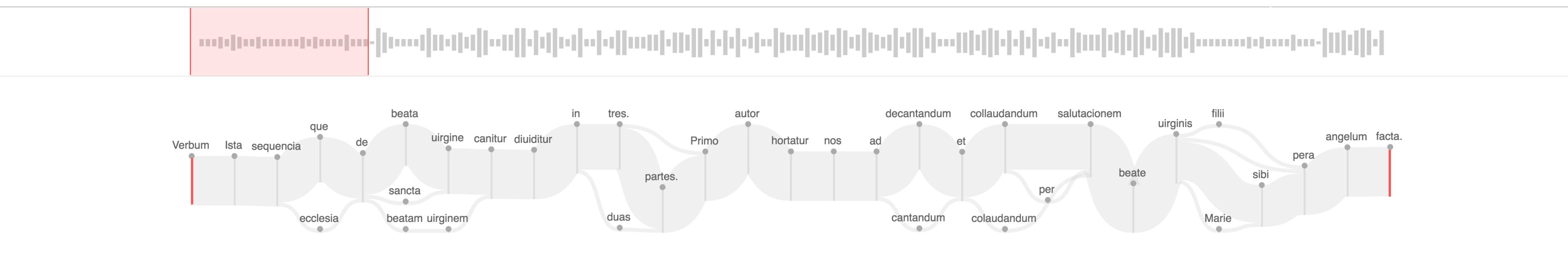


Witness dots



Witness path



**Majority**

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Navigation via the footprint

A **red area in the footprint** visualisation is delimited by two vertical red lines on the left and on the right. This area represents the portion of the text that is currently displayed in the graph, and the sentences in the text viewer that are highlights in light gray.

The red area can be dragged according to a preset width (in the example: 29 positions), making it possible to quickly jump to other portions of the text. Dragging will update the graph and the text areas to the new positions.

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Updating ...

Search token

Witnesses **Majority**

- Wi3818
- MüU151
- Kr299
- Sg524
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- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks



Witness dots



Witness path



Graph view options

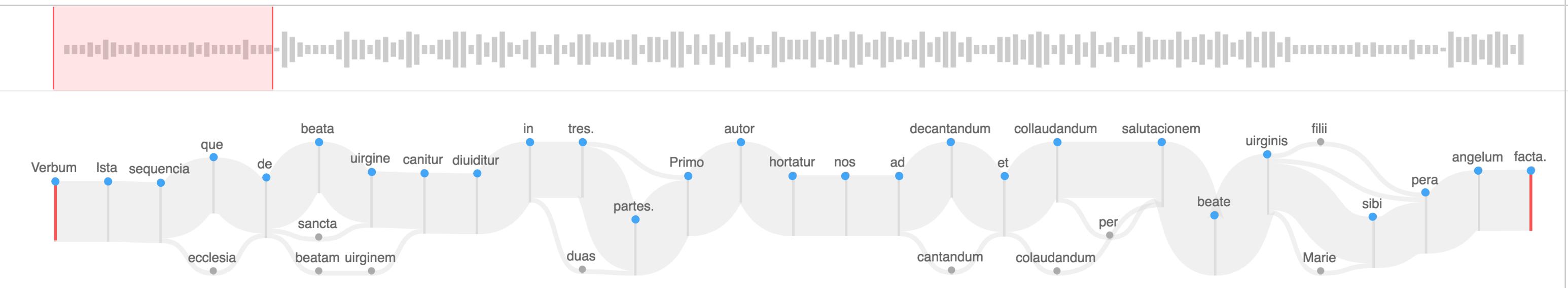
Visual aids: dots and ruler

Two addition visual aids aim at improving readability:

- The **dots on top of the lines** representing nodes help follow the path of the selected witness. Their colour is pre-defined based on the witnesses. Words on top of the coloured dots will be highlighted as well (not shown here) using a bigger font weight (medium or bold).
- A **position ruler** on top of the graph helps users identify the exact position of each token s/he's seeing on the screen.

These visual aids can be activated/deactivated at any time using a switcher on the bottom-right area of the interface.

Show the witness path with coloured dots.

Majority

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Search token

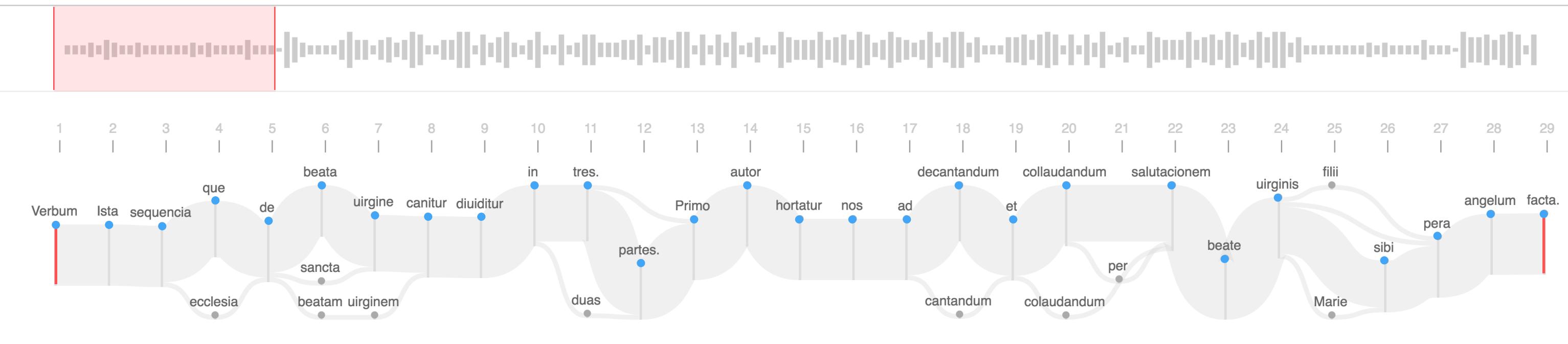
Witnesses

Majority

- Wi3818
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Show the position ruler.

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks



Witness dots



Witness path



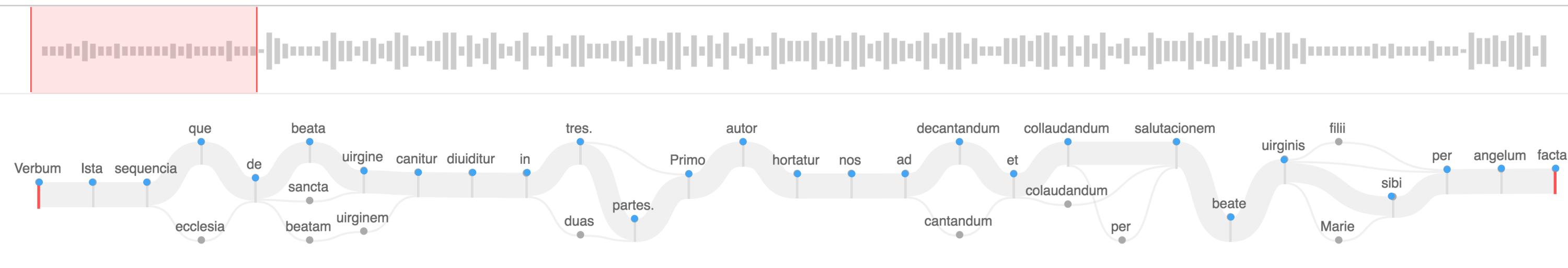
Visual aids: graph layout and path of the witness

There are two other visual aids:

- **Controls for the layout of the graph:**
 - Node width
 - Node height
 - Node opacity
 - Edge opacity
- **Witness path highlight** colouring the edges. This option is particularly effective for seeing where a specific witness deviates from the majority, but also for comparing two or more witnesses (see the final pages of this document).

These options can be activated/deactivated at any time using controllers in the bottom-right area of the interface.

Example: adjust the height of nodes.

**Majority**

Verbum Ista sequencia que de beata uirgine canitur diuiditur in tres. partes. Primo autor hortatur nos ad decantandum et collaudandum per salutacionem beate uirginis Marie sibi per angelum factam. Secundo salutat beatam uirginem ipsam commendando. Tercio dirigit peticiones suas ad beatam uirginem. Secunda ibi: aue ueri Salomonis; tercia ibi: supplicamus. Notandum Nota: salutacio per quam incarnacio Filii Dei annunciatia est, est uerbum bonum et suaue. Nam sicut antiquus serpens dyabolus Euam decepit per malam suggestionem, per falsam assencionem, uel affectionem, per fallacem promissionem, sic bonus angelus Gabriel salutem generis humani male Marie annunciauit per oppositum. Primo benigne ipsam benigne salutando, dicens: Aue. gracia. cetera. Secundo uera asserendo et cetera. Secundo uere asserendo ipsam commendando dicens: Gracia plena. Tercio certa sibi promittendo, dicens: Ecce, concipies. et paries filium. et cetera. Secundo Nota quod in hac salutacione, qua angelus salutauit Mariam salutauit ipse ab ea omnem timorem expulit unde eciam addidit: Ne timeas, Maria. Timuit enim apud Dominum. Sed Eua a dyabolo decepta timuit sed Maria non quia Aue sibi Aue annunciatur. Timeant peccatores sed Maria non quia gracia plena. gracia. Timeant a Deo elongati sed Maria non quia dicens tecum. Timeant maledicti sed Maria non quia benedicta tu in mulieribus. Tercio Nota quod secundum doctores theologie quod Maria consensit uerbis angelo et fidem adhibuit dicens: Ecce ancilla Domini. Fiat mihi secundum uerbum tuum.

Search token

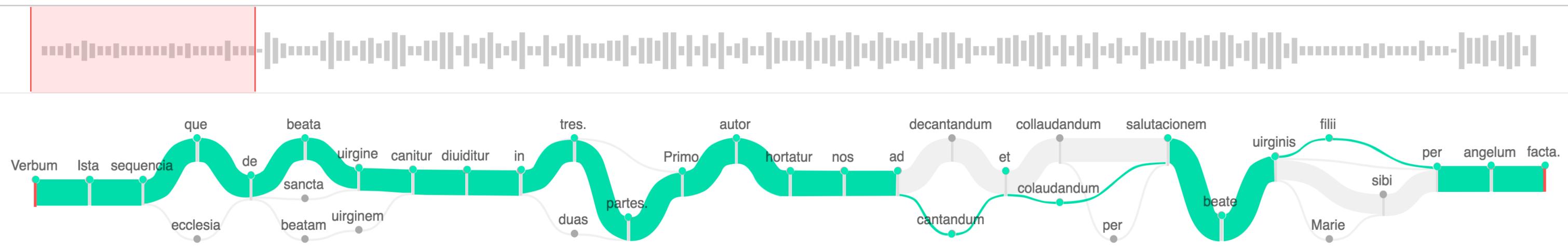
Witnesses

Majority

- Wi3818
- MüU151
- Kr299
- Sg524
- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

Node height**Node width****Node opacity****Edge opacity****Position ruler****Variation marks****Witness dots****Witness path**

Select a witness and visualise its path colouring the edges.

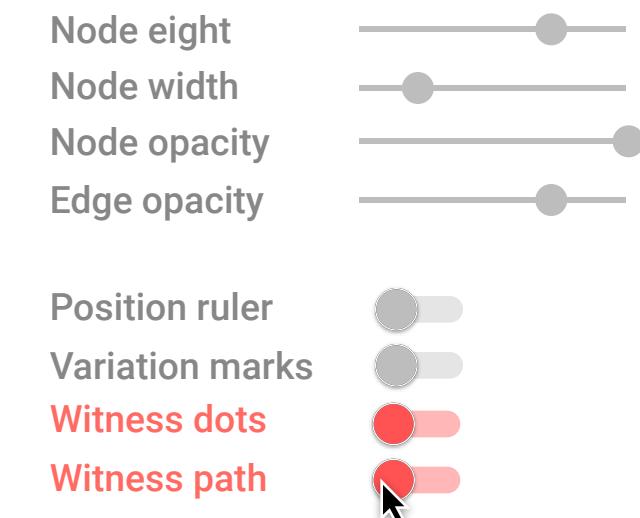
**Go325**

Verbum Ista sequencia que de beata uirgine canitur diuiditur in tres. partes. Primo autor hortatur nos ad cantandum et colaudandum salutacionem beate uirginis filii per angelum factam. Secundo salutat beatam uirginem ipsam commendando. Tercio dirigit peticiones suas ad beatam uirginem. Secunda ibi: aue ueri Salomonis; tercia ibi: supplicamus. nos. Item Nota quod in hac salutacione, qua angelus salutauit Mariam ipsa ab ea omnem timorem expulit unde eciam addidit: Ne timeas, Maria. Timeat enim Eua a dyabolo decepta sed Maria non quia Aue sibi nunciatur. Timeant peccatores sed Maria non quia gracia plena. Timeant a Deo elongati sed Maria non quia dicens tecum. Timeant maledicti sed Maria non quia benedicta in mulieribus. Item nota de hoc quod autor dicit mox concepit quod in uno et eodem instanti, ut prius dictum postquam Maria consensit uerbis angeli facta est per Spiritum sanctum sanguinis Marie congregacio et ipsius consolidacio et corporis Christi exinde consolidacio et animacio Et deificacio. Igitur dicit autor mox concepit. Aue ueri Hic autor salutat beatam uirginem ipsam commendando dicens. Circa litteram Nota de hoc quod dicit uellus Gedeonis. Legitur in libro iudicum: quod Deus Gedeoni, qui fuit ductor populi Israhelitici, ad ostendendum uictoram et inimicis dedit ei tale signum quod mane facto ipse inueniret uellus positum in aera humefactum per rorem aere remanente. sicco. Hoc uellus est beata uirgo que humefacta est per graciam sancti Spiritus aer est plebs Iudeorum, de quorum stirpe nata fuit, remanente sicca, quia in credulitate permansit. Qualiter tres magi munera obtulerunt dictum est in sequencia Festa Christi. Item Nota Maria dicitur filia Dei Patris, et dicitur mater Dei Filii, et dicitur sponsa Christi. Item nota Maria dicitur uirga fumi. Ipsa est uirga que florem Christum protulit. A qua uirga processit fumus aromatum id est fama uirtutum, unde ipsam ammirans Salomon in canticis dicit: Que est ista que ascendit per defectum sicut uirgula fumi ex aromatis mirre et thuris et bene Maria uirgula fumi. Dicitur Fumus enim ad modum uirgule tenuis existentis sursum procedit sic Maria tenuis fuit per humilitatem et sursum processit quia Deus respexit humilitatem ancille sue supple uirginis Marie. Suplicamus Hic autor inuocat beatam uirginem.

Search token

Witnesses

- Majority
- Wi3818
- MüU151
- Kr299
- Sg524
- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325



Text exploration and search

Text exploration: details

Some details of one or more witnesses can be seen:

- **Clicking on a token in the graph** highlights it in the graph and in the text viewer, and displays a popup with relevant information (to be defined) about that token. The same happens if the token is selected in the text, instead of in the graph.
- **Clicking on an edge in the graph** highlights it in the graph and in the text viewer, and displays a popup with relevant information (to be defined) about that edge.

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks

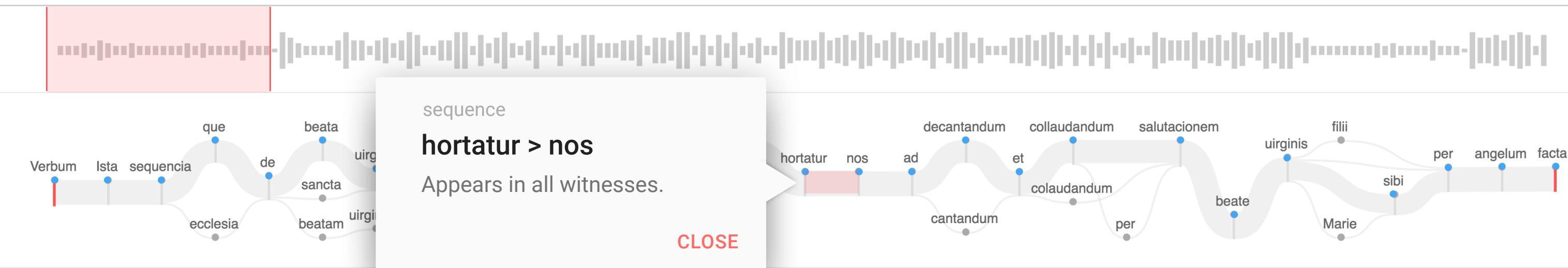


Witness dots



Witness path



Majority

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks



Witness dots



Witness path



Text exploration: token search

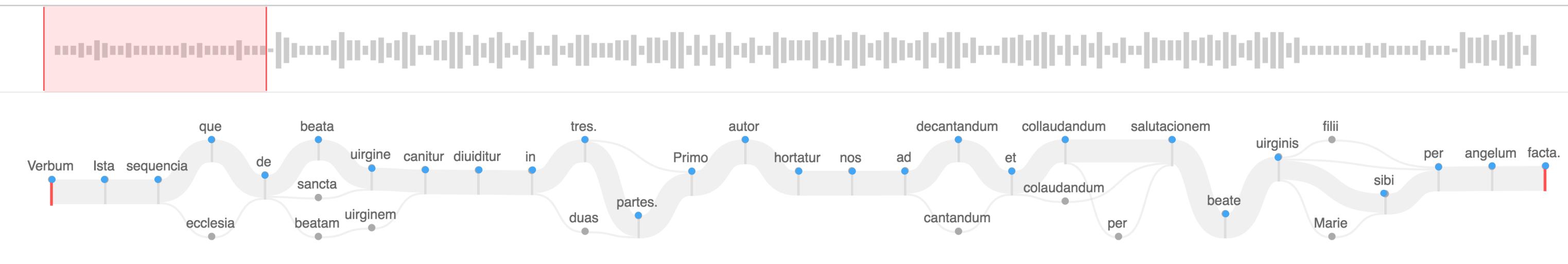
A search box allows users to enter a word (with autocomplete) and search it in the witnesses.

The **results** are shown in the graph, with bars coloured in black according to the positions where the searched word appears. Clicking on a black bar displays a popup with relevant information (to be defined).

In addition, the results of search are shown at the bottom of the search box with information about:

- The **number of positions** in which the word appears
- The **number of variations associated** with the word
- The **number of witnesses** containing the searched word

The numbers are active and can be clicked to display popups with relevant information (to be defined).

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks

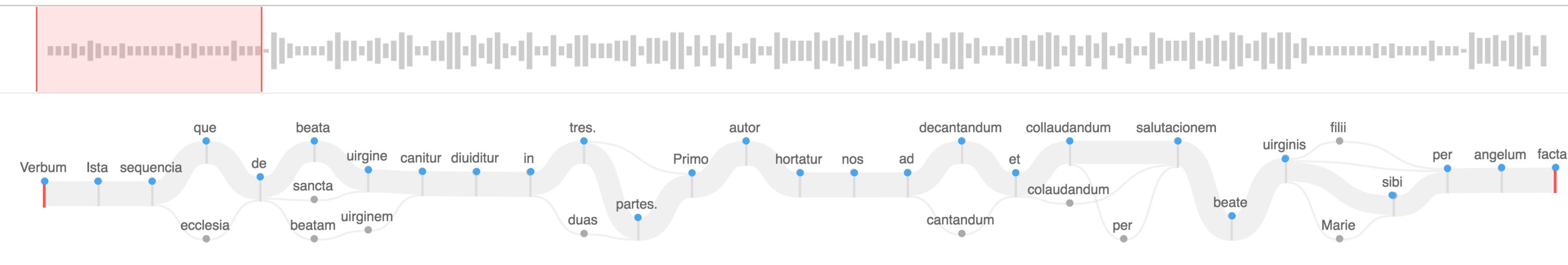


Witness dots



Witness path



Majority

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col

collaudandum
colaudandum
collaudantes

Witnesses

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- Go325

Node eight



Node width



Node opacity



Edge opacity



Position ruler



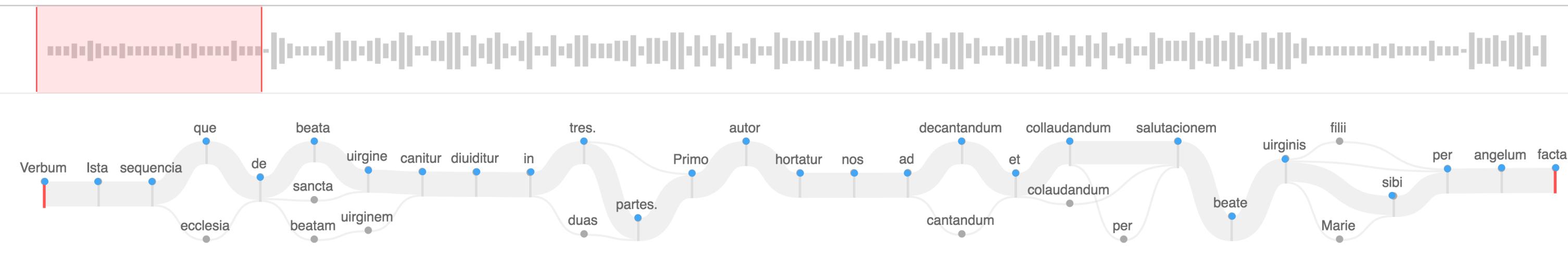
Variation marks



Witness dots



Witness path

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col

collaudandum
colaudandum
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Node width



Node opacity



Edge opacity



Position ruler



Variation marks

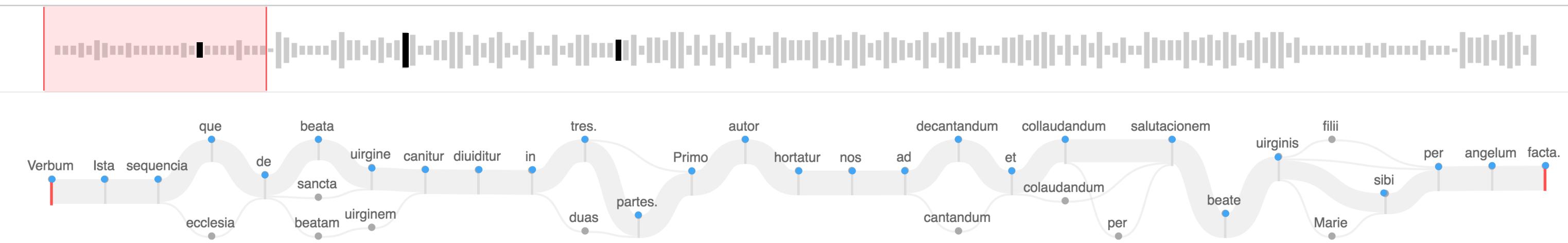


Witness dots



Witness path



**Majority**

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collaudandum X

collaudandum

appears in 3 positions in the corpus
is associated with 11 variations
in 4 witnesses

Witnesses

Majority

- Wi3818
- MüU151
- Kr299
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- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

Node eight

Node width

Node opacity

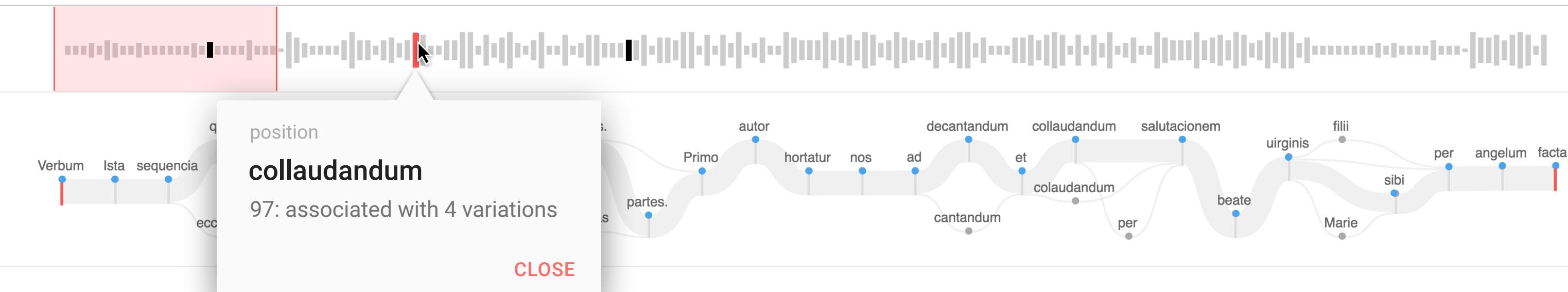
Edge opacity

Position ruler

Variation marks

Witness dots

Witness path



collaudandum

collaudandum
appears in 3 positions in the corpus
is associated with 11 variations
in 4 witnesses

Witnesses

Majority

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- Kr185
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Node eight

Node width

Node opacity

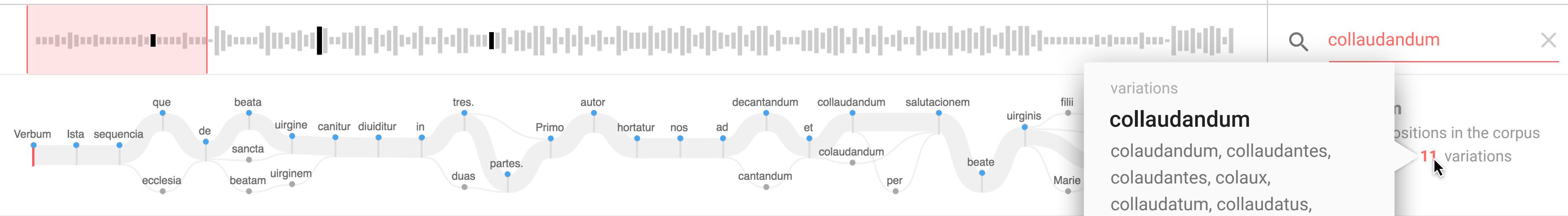
Edge opacity

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**Majority**

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variations

collaudandum

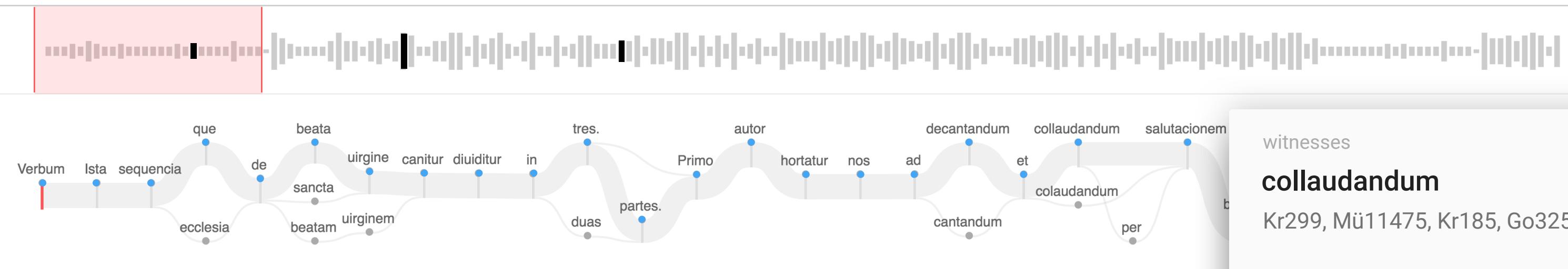
colaudandum, collaudantes, colaudantes, colaux, collaudatum, collaudatus, uirginem, lupus, glauco, cholera, castrum

CLOSE

- Wi3818
- MüU151
- Kr299
- Sg524
- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
- Go325

- Node eight
 Node width
 Node opacity
 Edge opacity

 Position ruler
 Variation marks
Witness dots
 Witness path

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witnesses

collaudandum

Kr299, Mü11475, Kr185, Go325

CLOSE

Witnesses

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- Kf133
- Go325

Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks



Witness dots



Witness path



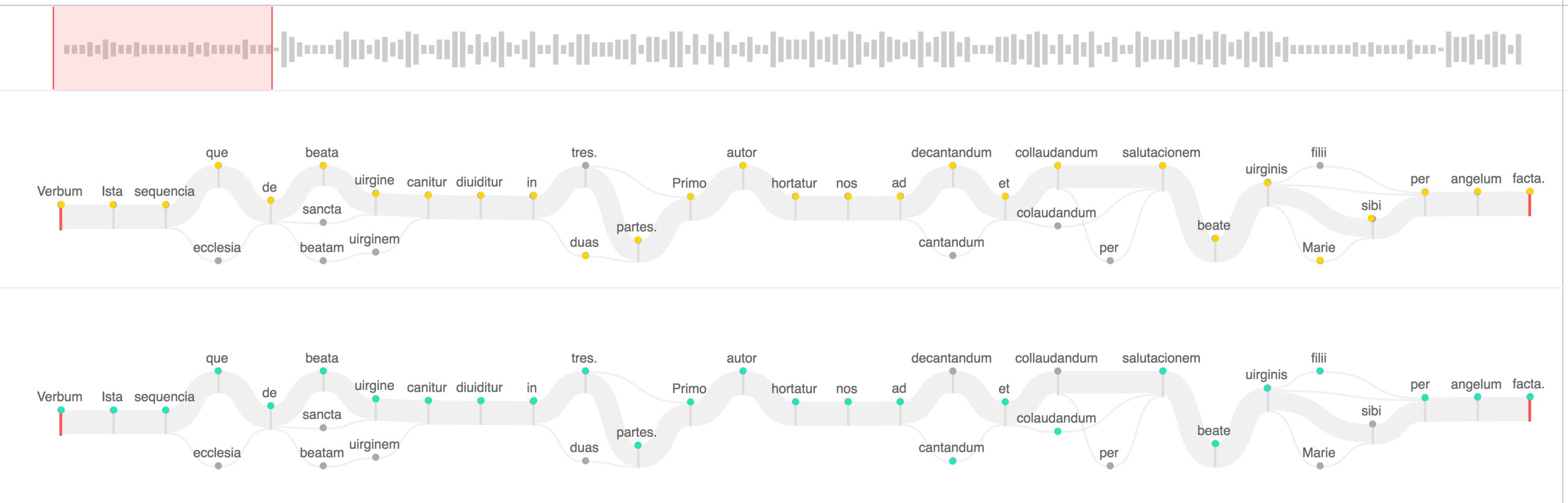
Comparing witnesses

Comparing witnesses: initial view and details

One of the main requirements of the interface is the possibility to compare witnesses, see their paths and where they diverge. A set of specific functionalities support this, working at different levels, They can be combined through controls to let users compare witnesses according to their preferences.

The scenario illustrated here considers two witnesses, but acting on the controls it will be possible to compare effectively at least 4 at a time, assuming a standard desktop HD resolution.

First **the two witnesses are selected** using checkboxes. This displays the graph and the text of the witnesses, with colour coding helping the user associate information. Then, it is possible to use the token selections options described above to explore the details of words an edges comparatively.

Mü28315

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Go325

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 Search token

Witnesses

- Majority
- Wi3818
- MüU151
- Kr299
- Sg524
- Ba96
- Gr314
- Mü11475
- Mü28315
- Kr185
- Mü22405
- Kf133
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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks

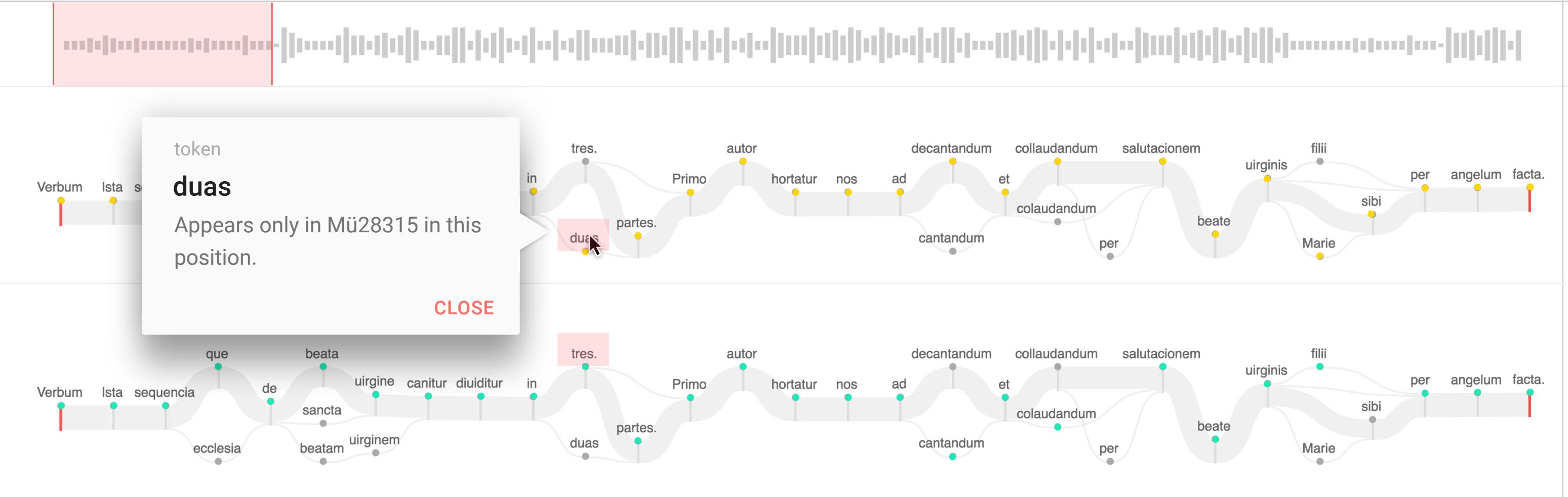


Witness dots



Witness path



Mü28315

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Go325

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks

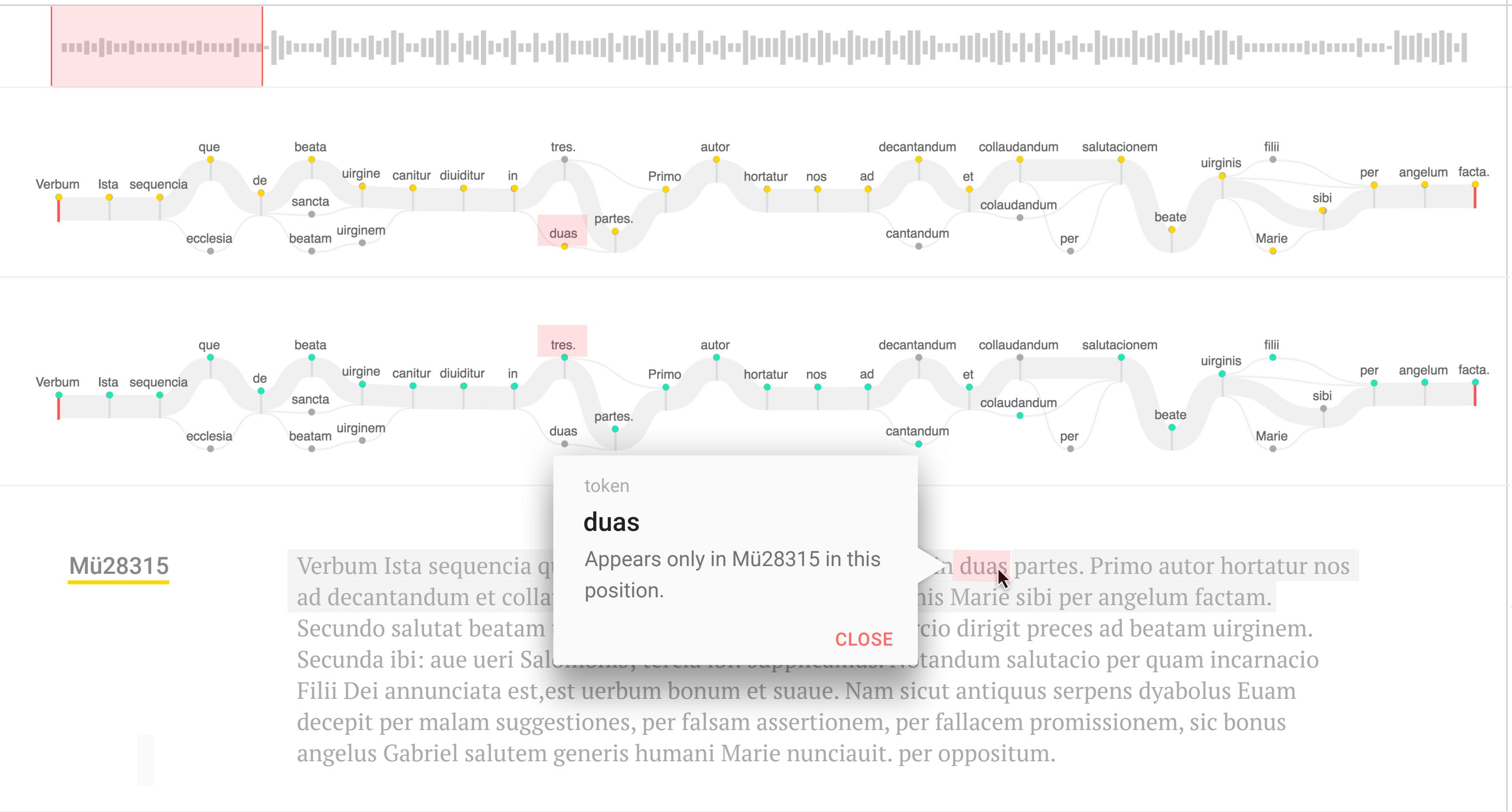


Witness dots



Witness path





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Node eight
 Node width
 Node opacity
 Edge opacity

Position ruler
 Variation marks
 Witness dots
 Witness path

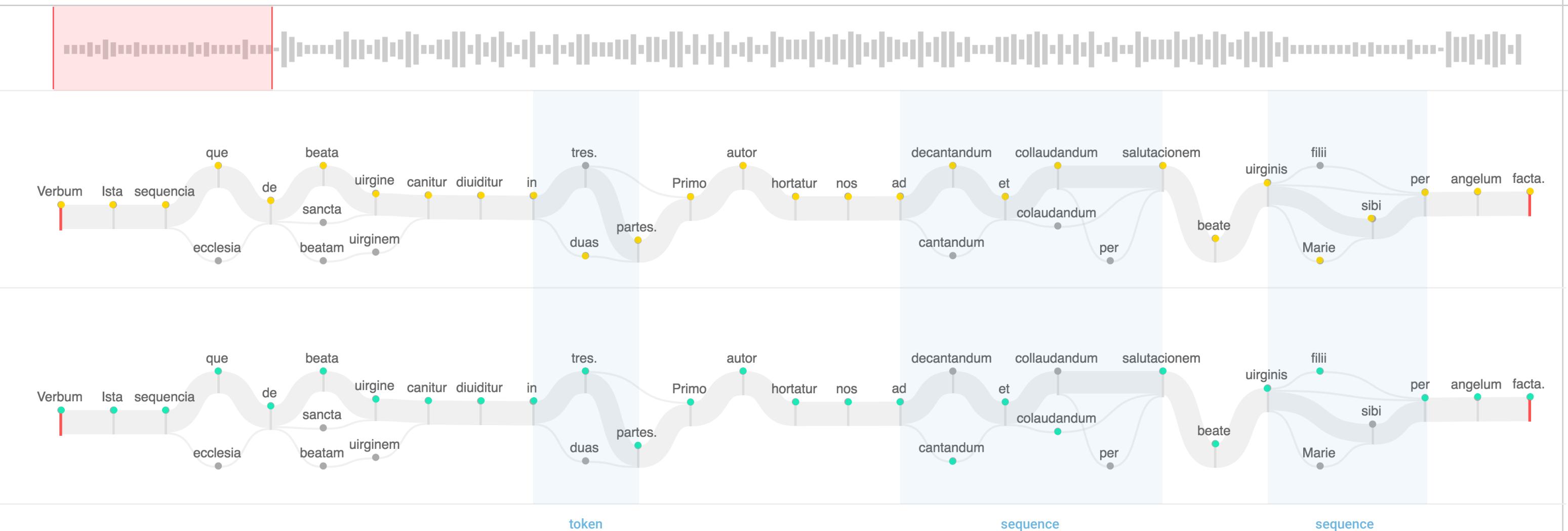
Comparing witnesses: variation marks and paths

To quickly see where the witnesses differ there is the option to activate **variation marks**. They consist of blue bands drawn automatically in the portions of the graph where the witnesses diverge. They also **show the kind of difference**:

- token, if the witnesses differ only for a single word
- sequence, if the witnesses differ for more than one word.

Clicking on a band displays that divergence in the text viewer.

Additionally, the paths of the text can be activated, allowing for immediate understanding of the differences. On top of the paths, the variation marks can be displayed as well.

**Mü28315**

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Secundo salutat beatam uirginem ipsam commendando. Tercio dirigit preces ad beatam uirginem. Secunda ibi: aue ueri Salomonis; tercia ibi: supplicamus. Notandum salutacio per quam incarnacio Filii Dei annunciatam est, est uerbum bonum et suave. Nam sicut antiquus serpens dyabolus Euam decepit per malam suggestiones, per falsam assertionem, per fallacem promissionem, sic bonus angelus Gabriel salutem generis humani Marie nunciavit. per oppositum.

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Node eight



Node width



Node opacity



Edge opacity



Position ruler



Variation marks

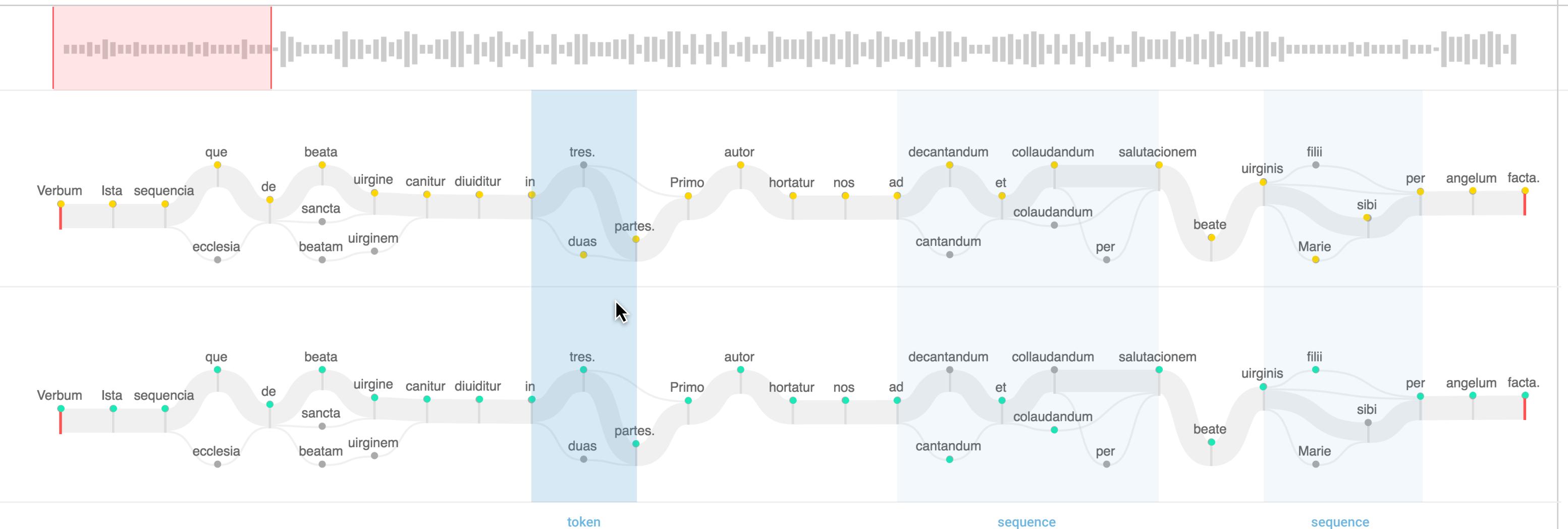


Witness dots



Witness path



Mü28315

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Edge opacity



Position ruler



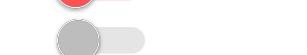
Variation marks

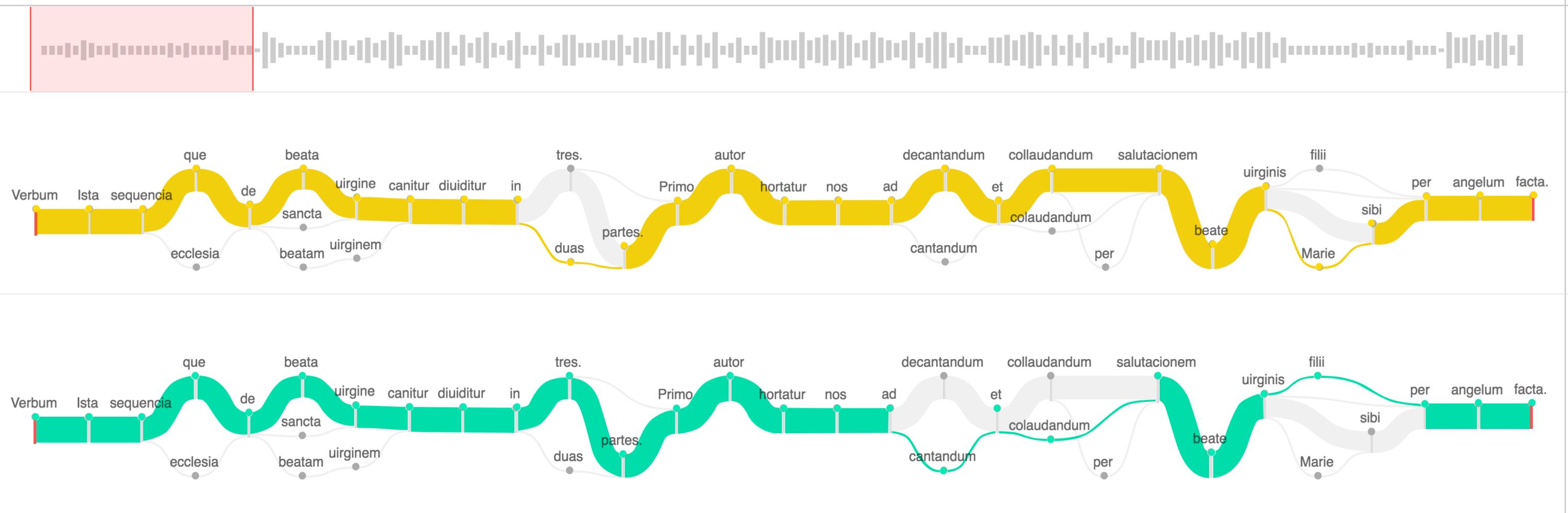


Witness dots



Witness path



Mü28315

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Node eight



Node width



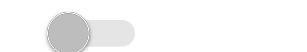
Node opacity



Edge opacity



Position ruler



Variation marks

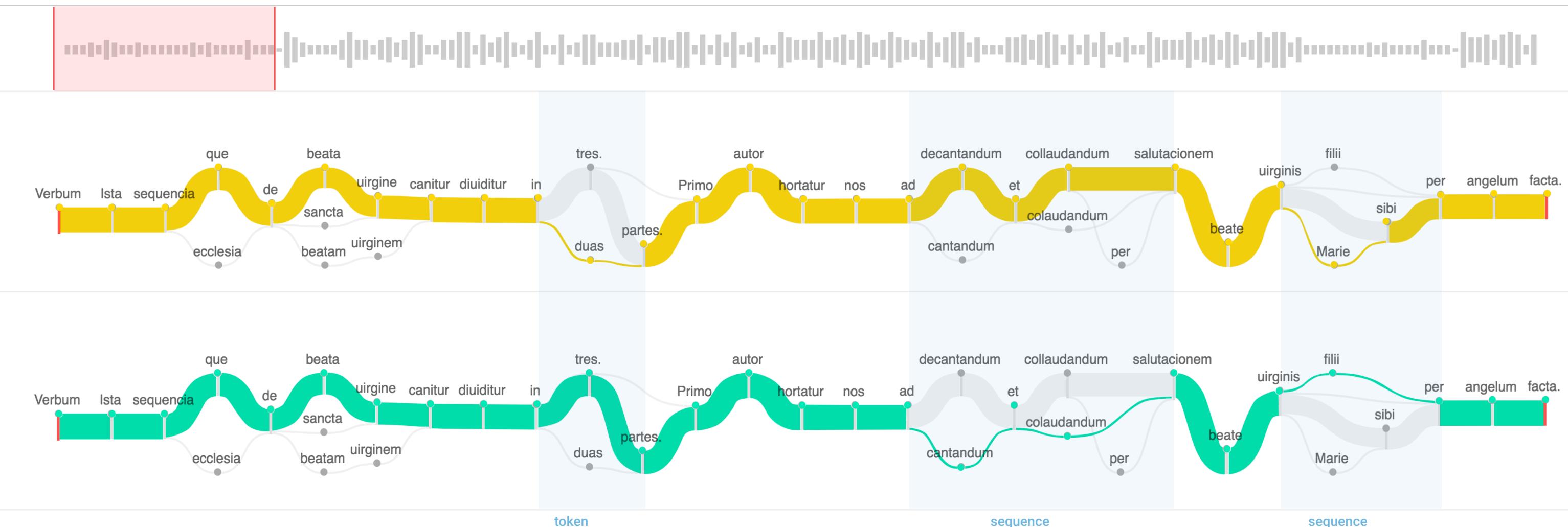


Witness dots



Witness path



Mü28315

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Node eight



Node width



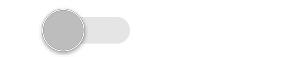
Node opacity



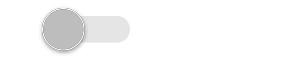
Edge opacity



Position ruler



Variation marks



Witness dots

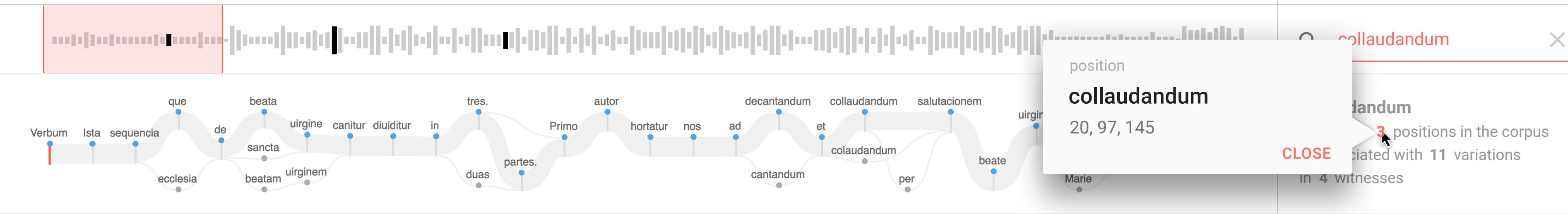


Witness path



Glauco Mantegari

www.glaucomanegari.com

**Majority**

Verbum Ista sequencia que de beata uirgine canitur diuiditur in tres. partes. Primo autor hortatur nos ad decantandum et collaudandum per salutacionem beate uirginis Marie sibi per angelum factam. Secundo salutat beatam uirginem ipsam commendando. Tercio dirigit peticiones suas ad beatam uirginem. Secunda ibi: aue ueri Salomonis; tercia ibi: supplicamus. Notandum Nota: salutacio per quam incarnacio Filii Dei annunciatia est, est uerbum bonum et suaue. Nam sicut antiquus serpens dyabolus Euam decepit per malam suggestionem, per falsam assencionem, uel affectionem, per fallacem promissionem, sic bonus angelus Gabriel salutem generis humani male Marie annunciauit per oppositum. Primo benigne ipsam benigne salutando, dicens: Aue. gracia. cetera. Secundo uera asserendo et cetera. Secundo uere asserendo ipsam commendando dicens: Gracia plena. Tercio certa sibi promittendo, dicens: Ecce, concipies. et paries filium. et cetera. Secundo Nota quod in hac salutacione, qua angelus salutauit Mariam salutauit ipse ab ea omnem timorem expulit unde eciam addidit: Ne timeas, Maria. Timuit enim apud Dominum. Sed Eua a dyabolo decepta timuit sed Maria non quia Aue sibi Aue annunciatur. Timeant peccatores sed Maria non quia gracia plena. gracia. Timeant a Deo elongati sed Maria non quia dicens tecum. Timeant maledicti sed Maria non quia benedicta tu in mulieribus. Tercio Nota quod secundum doctores theologie quod Maria consensit uerbis angelo et fidem adhibuit dicens: Ecce ancilla Domini. Fiat mihi secundum uerbum tuum.

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