

Exploring the New Ensembl Data Platform

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helpdesk@ensembl.org

Welcome to the 'Living Document' for this Ensembl Browser Workshop. Everyone who is registered for the course has access to edit this document. Please feel free to use this document to ask questions to the Ensembl team throughout the workshop. If you wish to ask questions privately, please do not hesitate to contact the [Ensembl HelpDesk](#).

The 'Living Document' is a great way of capturing the knowledge exchanged during the course and saving it for future use by yourselves and those who can't attend this course. Remember - you don't have to contribute, but any additions will be welcomed!

Course Overview

Trainers

Jorge Batista da Rocha

Resources:

beta.ensembl.org - Ensembl Beta, the new Ensembl Browser

www.ensembl.org - Ensembl genome browser (chordates)

grch37.ensembl.org - Ensembl archive for browsing data associated with the human GRCh37 genome assembly

www.ensemblgenomes.org - Ensembl Genomes genome browser (non-chordates)

www.ebi.ac.uk - EMBL-EBI website

www.ebi.ac.uk/services - EMBL-EBI databases and tools

[Train Online](#) - EMBL-EBI e-learning for our databases and tools

Questions

If you have any questions/problems that you would like to share and are applicable to the whole class please write them below. A tutor will answer your question.

1. <Rumdeep> <I could not find Xanthomonas bacteria a major plant pathogen in species>
<Jorge><You may find these on our bacteria site - <https://bacteria.ensembl.org/species.html> and if you have any particular you want to see sooner in Beta, please send message with the species identifiers to our helpdesk! helpdesk@ensembl.org >
2. <Saptaparna><How do I analyze the GC content from the graph?>
<Jorge><Its a little bit of a crude graph

```
AGCTTCAACTCCAAATAATATTCAAAGAGCAAGGGGCTGACTCTGCGGCTGTACCAATCTGCTGTAAAAGAATTAGATAA
```



but areas with high gc content will rise up above the dividing line, and those with low, will dip below it>

3. <Name><What about the previous version of zea mays>
<Tutor><It's in an old archive of our plants site - https://nov2020-plants.ensembl.org/Zea_mays/Info/Index that may expire (archives are kept 5 years, so make sure to save the link to the FTP>
4. <Name><Question>
<Tutor><Answer>
5. <Anumita Dutta> < In the annotation for *Zea mays*, only B73 v5 is present, what about the older versions ?>
<Tutor><Answer>

6. <Name><Question>
<Tutor><Answer>
7. <Name><Question>
<Tutor><Answer>
8. <Name><Question>
<Tutor><Answer>
9. <Name><Question>
<Tutor><Answer>
10. <Name><Question>
<Tutor><Answer>

Other resources

This section of the Living Document provides additional resources that might be useful to you in developing skills and knowledge in the course topic area.

Train online

EMBL-EBI provides an e-learning platform called [on demand](#). Train online provides free courses on Europe's most widely used data resources, created by experts at EMBL-EBI and collaborating institutes. You do not need to have any previous experience of bioinformatics to benefit from this training. We want to help you to become a confident user of our data resources; we are not trying to train you to become a bioinformatician.

Tutorials of interest might include:

- [Ensembl: Quick Tour](#)
- [Ensembl: Browsing Genomes](#)
- [Ensembl Genomes \(non-chordates\): Quick Tour](#)
- [Ensembl REST API](#)

Webinar series

The EMBL-EBI training team also runs regular [webinar series](#) featuring the EBI resources. See the [Training pages](#) for more information. You can also catch up on any webinars that you might have missed in [Train online](#) or on [Youtube](#).