Ensembl: Genomic features that regulate genes

Emily Perry [1]
DNA & RNA
Beginner
1 hour

This webinar was held on the 6th July 2016 and takes you through the Ensembl regulatory build, which is used to predict the location of promoters, enhancers and other regulatory features in the human and mouse genomes, using experimental data from sources such as ENCODE, Roadmap epigenomics and Blueprint epigenome. The video also shows you how to view these data in the Ensembl browser, and describes the experimental procedures used to generate epigenomic data.

This video is aimed at new and experienced Ensembl users who would like to get an idea of regulatory data in Ensembl. Some knowledge of epigenomics, ChIP-seq and other techniques involved in studying epigenomics is useful but not necessary.

This video is best viewed in Google Chrome and in full screen mode.

Contributors

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Emily is the Outreach Project Leader for Ensembl: she is responsible for the team that teaches workshops, creates training materials and help pages, manages social media, answers helpdesk queries and aids development of new tools for the resource. Emily started at EMBL-EBI as an Ensembl Outreach Officer in September 2012 and became the Project Leader in March 2015. Before working at EMBL-EBI, Emily did her PhD in molecular biology at the MRC Human Genetics Unit in Edinburgh, then worked for the University of Edinburgh's SCI-FUN group, touring Scottish secondary schools with an interactive science roadshow.
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