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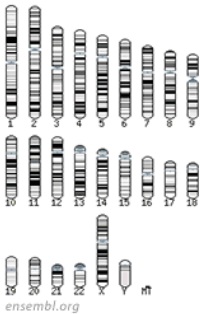
Ideograms Karyotypes Filtering Ordering Cropping Spacing Breaks Tags Variable Radius Labels Progression And Orientation

Use the [latest version of Circos](#) and read [Circos best practices](#)—these list recent important changes and identify sources of common problems. If you are having trouble, post your issue to the [Circos Google Group](#) and [include all files and detailed error logs](#). Please do not email me directly unless it is urgent—you are much more likely to receive a timely reply from the group. Don't know what question to ask? Read [Points of View: Visualizing Biological Data](#) by Bang Wong, myself and invited authors from the [Points of View series](#).

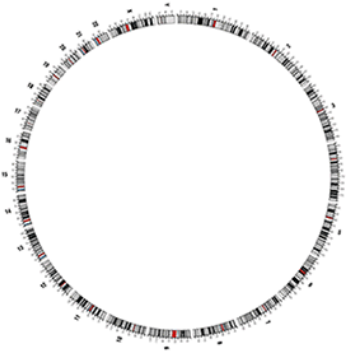
2 – DRAWING IDEOGRAMS

1. IDEOGRAMS

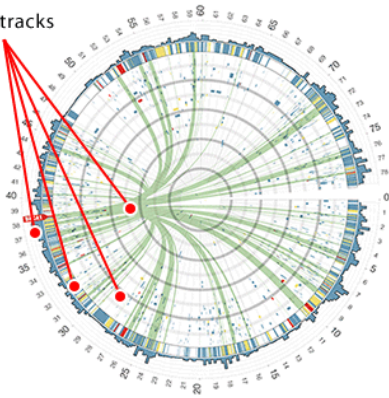
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data tracks



Classical ideogram layout

Circos ideogram layout

Circos ideogram layout with data

1 of 2

8/18/15, 11:52 PM



If you are using Circos, please cite us: Krzywinski, M. *et al.* [Circos: an Information Aesthetic for Comparative Genomics](#). **Genome Res** (2009) 19:1639-1645 | [download citation](#)

[Circos is for visualizing genomic data, creating circular data visualizations and making things pretty](#) | [who is citing Circos?](#) | [other projects by Martin Krzywinski](#)

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