

Visualising ChIP-seq data – tracktables

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Abstract

tracktables provides a set of tools to organise visualise your ChIP-seq data.

Figure 1: **Example region plot.** Default plotRegion() plot

Contents

1	Standard workflow	2
1.1	Quick start	2

1 Standard workflow

1.1 Quick start

Tracktables has two main sets of functions to assist in rapid visualisation of genomics data.

The first set of functions deal with creating IGV sessions XMLs, sample information files and HTML tables allowing for dynamic updating of IGV.

In this quick start we will look at building a simple HTML page of a ChIP-seq IGV session.

```
data(chipExampleBig)
p <- plotRegion(chipExampleBig)
p
```

The first set of functions are for summarising and visualising coverage of genomic regions across samples and gene/genomic-interval sets. The regionPlot function calculates normalised coverage across or over user specified regions to produce *ChIPprofile* object.

```
print("Coming Soon!")
```