# **Restriction Sites**

- Introduction
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- Viewing results

### Introduction

The Restriction Sites tab maps restriction enzyme sites within the reference genomic sequence.

0	Restriction Site:	s
Aatll	notl	
Acelll		
Acil		-
AclI		
AflII		
Agel		
Ahalli		
Alul		
Apal		
ApaLl		
Ascl		
Asull		
Avalli		
Avrll		
Ball	~	_
BamHI	<b>A</b>	<b>A</b>
Bbvl	Y	Y
	Map Sites	
$\square$	Clear	

#### **Restriction Sites tab**

## How to map sites

To display restriction enzyme sites:

- Click the name of the restriction site you'd like to map in the Restriction Sites tab
- Select multiple restriction sites by using Ctrl+Click to add them to the list of sites to map on the right
  Click Map Sites
- Click the Clear button to remove all sites.

## Viewing results

Mapped sites are shown underneath the coordinate axis in the main view with colors that correspond to those displayed in the **Restriction Sites** tab. To zoom in on a restriction site, double-click it.

	• • Chr1 (Arabidopsis thaliana TAIR9) - Integrated Genome Browser 10.0.0      > • • Chr1 (Arabidopsis thaliana TAIR9) - Integrated Genome Browser 10.0.0      > • • • • • • • • • • • • • • • • • •					<b>0.0</b> nfo: Click the map b	p below to select annotations	
	Chr1:0-30,42				Load Data	Load Sequence	NialV NmeAlli Nrul Nsii Nspl Nt.Akvi Nt.BsvCi Nt.BsvQi Nt.BstNBi Nt.CviPii Pad PadCi Pcii Pfii Pfii Pfii	Bookmarks Current Genome Rest
•	Coordinates	ess Annotation	10,000,000	20,000,0	90	/iew Plug-ins	Map Sites Clear	iction Sites

Zoomed-out view of restriction sites recognized by Notl (a rare cutter) mapped onto Chromosome 1 of the Arabidopsis thaliana genome



Zoomed-in view of a single Notl restriction site