### Soybean Transposable Element Database

A database of transposable elements from Glycine max (soybean)

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#### Transposable Element Ontology

Click on a green arrow to retrieve the records for TEs in that category.

**Class I**
- Order LINE
  - Superfamily L1
    - Family Ge1
    - Family Ge2
    - Family Ge3
  - Order LTR
    - Superfamily Gypsy
      - Family G01
      - Family G02
      - Family G03
    - Family CACTA

**Class II**
- Order Ty3-Ty1
  - Superfamily Ty3-Ty1-Mariner
    - Family Ty1-Maraner
    - Family Ty1-Lagidam
  - Family Ty3
    - Superfamily Ty3-19
      - Family Ty3-19
      - Family Ty3-19
    - Family Ty3-19

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#### Example Table

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<thead>
<tr>
<th>Element ID</th>
<th>Class Subclass</th>
<th>Order</th>
<th>Superfamily</th>
<th>Family</th>
<th>Description</th>
<th>Chromosome</th>
<th>Start Position</th>
<th>End Position</th>
<th>Genome Sequence Length</th>
<th>Genome Sequence Length</th>
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#### Search for a Transposable Element

Choose a chromosome to retrieve all TEs

**Chromosomal Region Search**

1. Choose a chromosome from the soybean genomic sequence list.

2. Enter a chromosomal position in base pairs to search around.

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#### Download Summary

Click here to download a FASTA file with the summary of the results from your search.

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#### Show the Chromosome

Click here to see the entire chromosome in CimBrowser.