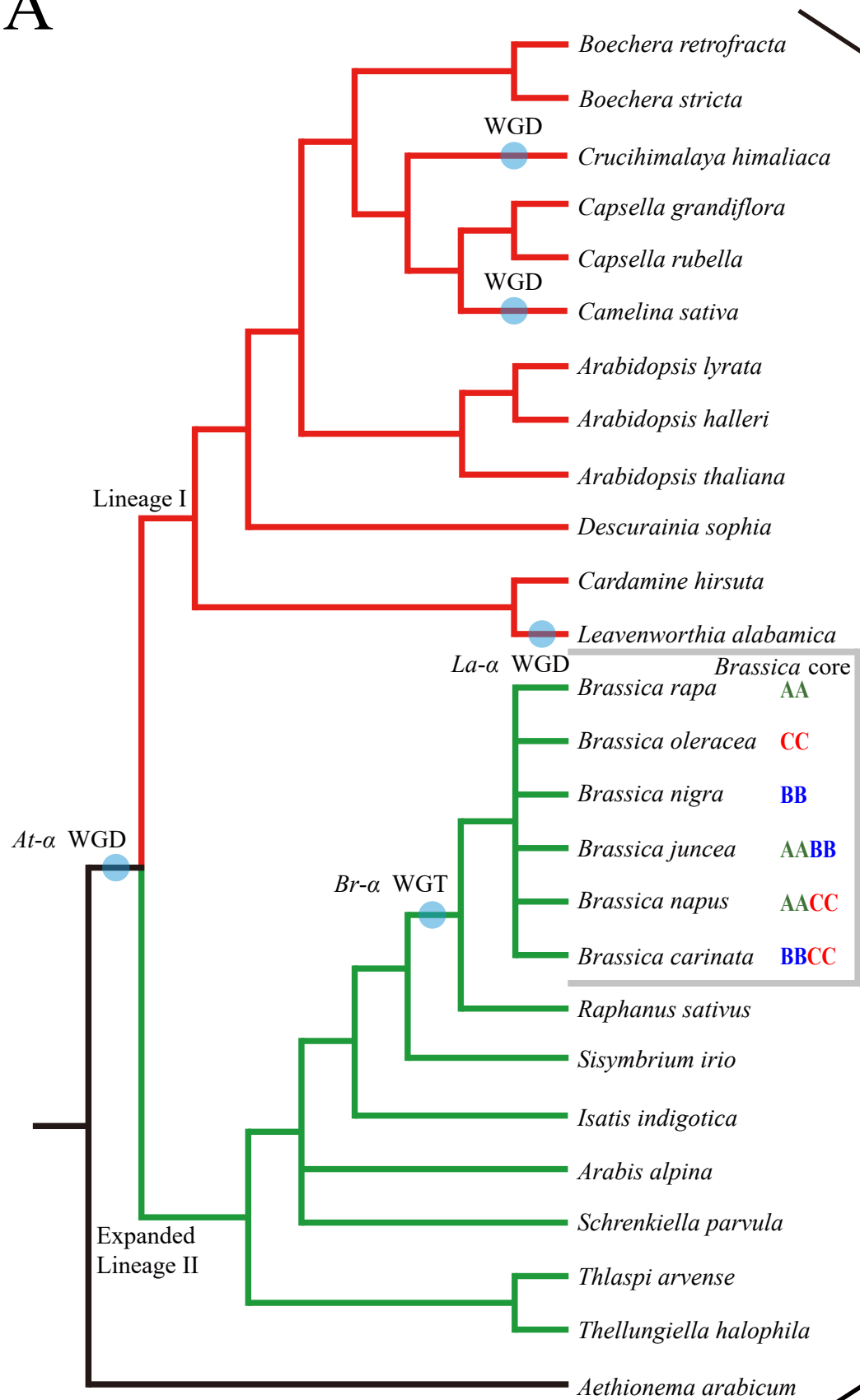


A



## Data sources

Genome assembly  
Gene model  
Gene family  
Sequencing data  
Variations and primer  
Gene expression profile

B

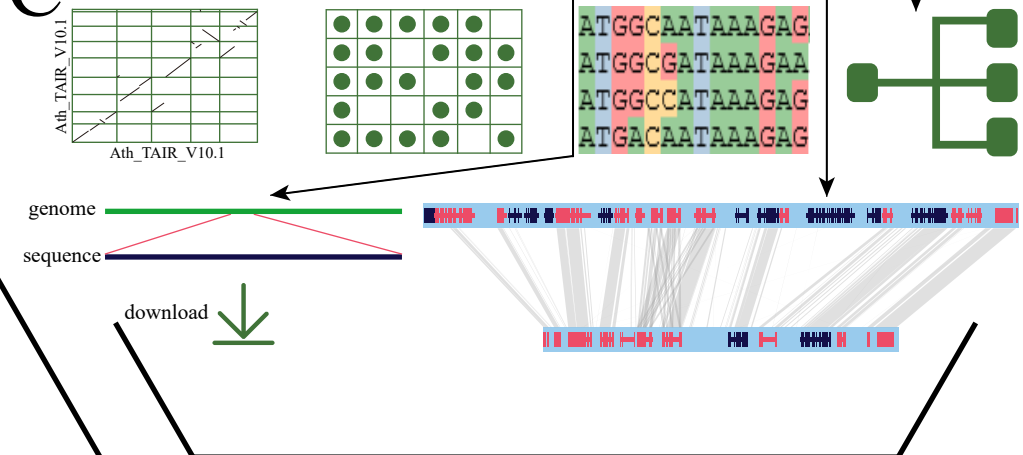
## Annotations

InterPro domain  
Pfam domain  
Gene ontology  
KEGG ontology  
Best hit to *A.thaliana*

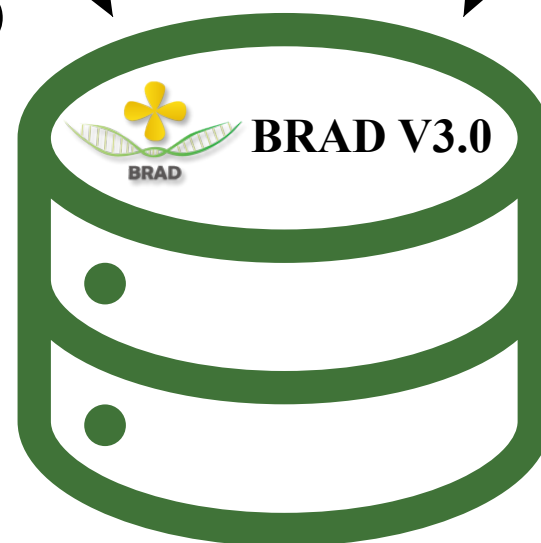
## Analysis

Genome Synteny  
Syntenic gene and subgenome  
Multiple sequence alignment  
Genomic sequence retrieval  
Phylogenetic tree  
MicroSynteny

C



D



MySQL  
Django  
Vue  
D3.js  
Element UI

E



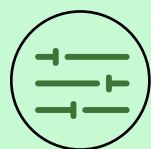
## Browse

Species info  
Gene family



## Search

by Gene id  
by Annotations  
by Coordinate



## Genome browser

Variation tracks  
Marker tracks  
RNA-seq tracks



## Tools

BLAST  
Primer design  
MicroSynteny  
Genomic sequence retrieval



## Download

Genome assembly  
MicroSynteny figure  
Result table