

# General Search

## Using TAIR's Simple Search

For simple queries of the database this search can be accessed from any of the database or website pages. If you know the exact name of a piece of data such as a gene or allele, you can use the exact name search. Alternatively, you can select a data type from the drop down menu and perform a more general search using names, descriptions or keywords. The following section describes exactly what data and fields are searched using each of the parameters in the drop down menu.

## General Search Options

For each option in the drop down menu- different fields are searched. They are listed here along with example queries. To search fields or data types NOT included in the simple search, use the Advanced Query tools for the data type in question.

Option	Parameters	Example
Clone	Performs a search for clones where the name, aliases or GenBank accession contains the query term	Find all Gateway clones in pENTR vector using the term pENTR.
Ecotype	Performs a search for all Ecotypes in TAIR where the full name, abbreviated name or alias contains the query term.	"Col" will find all Col accessions in the database.
Transposon	Performs a search for all transposons in TAIR	"Copia" will find all transposons in TAIR with Copia in the name.
Gene	Performs a search for genes where the name, alias, locus code, description or Genbank sequence accession contains the query term.	"Flowering" will find all genes where the description or name(s) contains this term..
Germplasm	Performs a search for all Germplasms in TAIR where the name or alias contains the query term.	"gl1" will find all germplasms (including ecotypes) where the name or alias contains the term.
Keyword	Performs a search for all KEYWORDS in TAIR where the name or external database identifier contains the query term.	"Kinase" will find all keywords containing the term kinase. "GO:0016301" will find all terms with that string in the name or id field..NOTE: Click on the keyword to link to the detail page to see all of the data types associated to the term. For example, to find genes by keyword, click on the keyword and then the link to genes from the keyword detail page.
Marker	Performs a search for all genetic markers where the name, alias or type contains the query term	"SGNSNP" will find all SNP markers from the Stanford Genome Center. "CAPS" will find all CAPS markers in the database.
People /Labs	Performs a search for Individuals or Organizations in TAIR database whose first or last name contains the query term. Does not search for combinations of first, last name	"Rhee" will find all people whose last name contains Rhee;" SALK" will find all organizations with this term in the name field..
Polymorphism	Performs a search for all alleles /polymorphisms where the name or alias contains the query term.	"MASC" will find all polymorphisms from the MASC project.
Protein	Performs a search for all proteins in the database where the name, alias, locus code, GenBank accession, UniProt id or protein domain name or identifier contains the query term.	"MADS" will find all proteins having a MADS box domain.
Vector	Performs a search for all vectors in TAIR database (including those that are NOT ABRC stocks) where the name or alias contains the query term.	Use "pEarlyGate" to find all of these vectors.

## Advanced or Specific Searches

Links to the Advanced Search options appear below the Simple Search form. Use these advanced search form if you would like to make more complex queries or if the results returned from the simple search are too general and need to be narrowed down or to search fields NOT included in the Simple search (such as clone description).

These options let you search within specific data types in TAIR. The data types are listed on the left. The search option appears to the right of each data type. When you select the search option for a data type, the advanced search form is opened. The specific search is most useful if you know the type of data you seek. Click on the 'Search' link to go to the advanced search for the specified data type. Clicking on the 'Help' link will take you to help documents describing how to use the search and understand the search results. Click on the circled question mark to see a definition of a term or datatype or tool.