



Dicots PLAZA 5.0



Species: **Vitis vinifera**

Common name	<i>Vitis vinifera</i>
Cultivar/subspecies	Not available
PLAZA identifier	vvi
Source	Genoscope.12x
NCBI taxonomy	29760
Mitochondrion	Not available
Chloroplast	Not available
Publication	17721507
Color code	<div></div>



Description

Vitis vinifera, the grapevine, has been used to produce wine for thousands of years. This was the fourth genome of a flowering plant produced, selected because of its importance in food production. Also *vitis* lacks any recent genome doublings; it resembles a more ancestral state of the genome and revealed some major insights in the evolution of Angiosperms.

Gene Overview

Species	Gene type(s) information				Functional annotation information	
	#Coding genes	#RNA genes	#Pseudo genes	#Transposons	#Genes with GO	#Genes with InterPro
Vitis vinifera	26,346	0	0	0	19,464	20,786

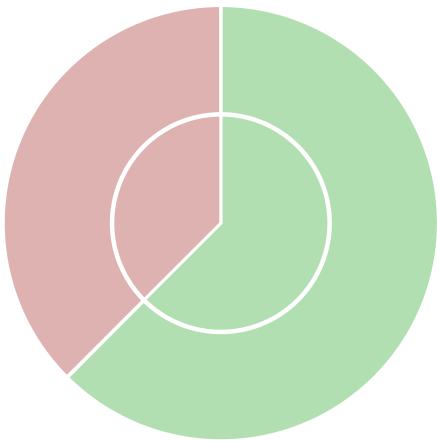
Gene Family Information

GF type	Data type	Multi-species	Species specific, multicopy	Species specific, singlecopy (orphan)
Homologous gene family	Gene Family Counts	7,289	193	2,936
	Gene Counts	22,882	528	2,936
Orthologous gene family	Gene Family Counts	7,718	10	0
	Gene Counts	18,781	24	0

GO Evidence Stats

Evidence code	Description	#Genes	#Entries
IBA	Inferred from Biological aspect of Ancestor	14	36
IEA	Inferred from Electronic Annotation	15,660	38,012
ISO	Inferred from Sequence Orthology	13,012	63,343

Evidence distribution



Gene List

Apply filter(s) / Configure data types

Search and download are disabled due to table size. Apply filter to reduce table size.

Gene ID	Species	Gene Type	Homologous gf	Orthologous gf
GSVIVG01000001001	Vitis vinifera	coding	HOM05D004613	ORTHO05D006095
GSVIVG01000002001	Vitis vinifera	coding	HOM05D000735	ORTHO05D000838
GSVIVG01000003001	Vitis vinifera	coding	HOM05D006710	ORTHO05D008353
GSVIVG01000004001	Vitis vinifera	coding	HOM05D006416	ORTHO05D008054
GSVIVG01000005001	Vitis vinifera	coding	HOM05D000273	ORTHO05D000198
GSVIVG01000006001	Vitis vinifera	coding	HOM05D000273	ORTHO05D000198
GSVIVG01000007001	Vitis vinifera	coding	HOM05D000273	ORTHO05D000198
GSVIVG01000008001	Vitis vinifera	coding	HOM05D000108	ORTHO05D006029
GSVIVG01000009001	Vitis vinifera	coding	HOM05D002553	ORTHO05D002767
GSVIVG01000010001	Vitis vinifera	coding	HOM05D090311	ORTHO05D439537

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