



Dicots PLAZA 5.0



## Species: *Malus domestica*

Common name	<i>Malus domestica</i>
Cultivar/subspecies	Not available
PLAZA identifier	mdo
Source	<a href="#">GDDH13 v1.1</a>
NCBI taxonomy	<a href="#">3750</a>
Mitochondrion	Not available
Chloroplast	Not available
Publication	<a href="#">28581499</a>
Color code	<div></div>



### Description

*Malus domestica* , commonly known as apple, is a fruit of the Rosaceae family. It is very widely cultivated fruit species, with thousands of different cultivars. The genome consists of 17 chromosomes , and it has the one of the highest number of genes yet reported.

## Gene Overview

Species	Gene type(s) information				Functional annotation information	
	#Coding genes	#RNA genes	#Pseudo genes	#Transposons	#Genes with GO	#Genes with InterPro
<a href="#">Malus domestica</a>	45,116	7,625	0	0	34,373	37,067

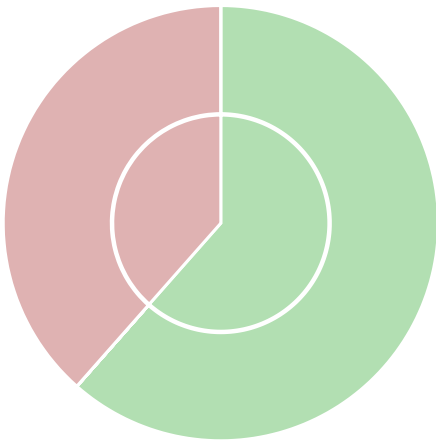
## Gene Family Information

GF type	Data type	Multi-species	Species specific, multicopy	Species specific, singlecopy (orphan)
Homologous gene family	Gene Family Counts	7,811	247	2,999
	Gene Counts	41,285	832	2,999
Orthologous gene family	Gene Family Counts	8,373	21	0
	Gene Counts	33,254	56	0

# GO Evidence Stats

Evidence code	Description	#Genes	#Entries
IEA	Inferred from Electronic Annotation	27,559	65,723
ISO	Inferred from Sequence Orthology	22,375	105,054

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
<a href="#">MD00G1000100</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D000285</a>	<a href="#">ORTHO05D000241</a>
<a href="#">MD00G1000200</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0006875</a>	<a href="#">ORTHO05D0008416</a>
<a href="#">MD00G1000300</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0007271</a>	<a href="#">ORTHO05D0009217</a>
<a href="#">MD00G1000400</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0000130</a>	<a href="#">ORTHO05D0000257</a>
<a href="#">MD00G1000500</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0000184</a>	<a href="#">ORTHO05D0000032</a>
<a href="#">MD00G1000600</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0001237</a>	<a href="#">ORTHO05D0009110</a>
<a href="#">MD00G1000700</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0001193</a>	<a href="#">ORTHO05D0001016</a>
<a href="#">MD00G1000800</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0002287</a>	<a href="#">ORTHO05D0002588</a>
<a href="#">MD00G1000900</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D138137</a>	<a href="#">ORTHO05D248012</a>
<a href="#">MD00G1001000</a>	<a href="#">Malus domestica</a>	coding	<a href="#">HOM05D0000375</a>	<a href="#">ORTHO05D0000240</a>

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