



### Slides in this Experiment

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### Hybridisation Set: AtGenExpress: Leaves, rosettes, cotyledons,

Slide: ATGE\_1\_A

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#### BioSource 1 Information

**BioSource Name:** ATGE\_1\_A  
**Organism:** Arabidopsis thaliana  
**Alias:** Col-0  
**Stock Code:**  
**Age:** 7days  
**Growth Conditions:**  
**Photoperiod:** continuous light  
**Relative humidity:** 65%  
**Substrate:** soil  
**Temperature:** 23oC

**Tissue:** cotyledons  
**Plant Ontology terms for this tissue type:**  
**PO:0020030** cotyledon  
**Other Information:**  
**experimental\_background** development baseline  
**RNA-source** Weigel, Tübingen

**Accession:** PO:0020030

**Aspect:** plant ontology

**Synonyms:** None

**Definition:**

A leaf or leaves formed at the first node of a sporophyte.

all ( 1897 )

① PO:0009075 : plant ontology ( 1897 )

① PO:0009011 : plant structure ( 1897 )

① PO:0009003 : sporophyte ( 1560 )

② PO:0006342 : infructescence ( 245 )

② PO:0009001 : fruit ( 245 )

② PO:0009010 : seed ( 221 )

② PO:0009009 : embryo ( 121 )

② PO:0020030 : cotyledon ( 19 )

① PO:0009010 : seed ( 221 )

② PO:0009009 : embryo ( 121 )

② PO:0020030 : cotyledon ( 19 )

② PO:0009006 : shoot ( 1344 )

② PO:0006001 : phyllome ( 1073 )

① PO:0020030 : cotyledon ( 19 )

## B.

Slide: ATGE\_1\_B

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[All Phenotype Associations](#)

[Summary](#) [BioSource 1 Information](#)

[Extraction / Labelling Protocol for Source 1](#) [Slide Information](#)

#### BioSource 1 Information

**BioSource Name:** ATGE\_1\_B  
**Organism:** Arabidopsis thaliana  
**Alias:** Col-0  
**Stock Code:**  
**Age:** 7days  
**Growth Conditions:**  
**Tissue:** cotyledons  
**Plant Ontology terms for this tissue type:**  
**PO:0020030** cotyledon  
**Other Information:**  
**experimental\_background** development baseline  
**RNA-source** Weigel, Tübingen

Name	Type	Datasource	Species	Evidence	Description
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#### cotyledon

N262	germplasm	NASC	A.thaliana	IMP	accumulation and replica
N325	germplasm	NASC	A.thaliana	IMP	semhabmut (F38)
N3813	germplasm	NASC	A.thaliana	IMP	extra cotyledon
N382	germplasm	NASC	A.thaliana	IMP	semrosflor (F108)
N383	germplasm	NASC	A.thaliana	IMP	folflormut (F109)
N394	germplasm	NASC	A.thaliana	IMP	semfolmut (F122)
N395	germplasm	NASC	A.thaliana	IMP	semhabmut (F124)
N407	germplasm	NASC	A.thaliana	IMP	foliomut (F138)