

A fluorescence microscopy image of plant tissue, likely a leaf or stem, showing green and blue spots. The green spots are distributed across the tissue, while the blue spots are more concentrated in certain areas. The background is dark, highlighting the fluorescent signals.

Welcome to the Expression search tutorial

Display either only GUS assays, only GFP assays or all assays

Select the expression level observed in the assays.

Search by Reporter Gene Expression

Reporter Gene:

Expression Level:

Organ:

Select localisation of reporter gene expression among different organs.

Go to the navigation bar and click on Expression.

Search by Reporter Gene Expression

If you want to restrict your search to lines exhibiting expression only in the organ or the tissue selected above.

Reporter Gene: GFP

Expression Level: strong

Organ: sheath

Tissue: all

Search for expression in a specific tissue or all tissues.

Restrict by Features

Specific to this organ Specific to this tissue Unspecific

Lines with FST

Lines with T2 seed stock

Check these boxes if you want to restrict your search only to lines with an associated FST and/or with readily available seeds.

Output

number of records/page

25

sort records by

line ID number

Reset

Customise your display output

Submit Query

Query upon reporter gene expression observations
 first criterion: **strong level(s)**
 second criterion: **leaf sheath organ**
 -> 540 result(s) available

Items 1 - 25 of 540.

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Previous

Line ID	Reporter gene type	Fst	Tissue	Expression level	Developmental stage
AODF09	GFP	No	junction	strong	T0 mature plant
AODF09	GFP	No	vascular	strong	T0 mature plant
AODF09	GFP	No	collar	strong	T0 mature plant
AODF10	GFP	No	junction	strong	T0 mature plant
AODF10	GFP	No	collar	strong	T0 mature plant
AODF10	GFP	No	vascular	strong	T0 mature plant
AOFB09	GFP	Yes	vascular	strong	T0 mature plant
AOFB09	GFP	No	collar	strong	T0 mature plant
AOGA06	GFP	No	junction	strong	T0 mature plant
AOGA06	GFP	No	vascular	strong	T0 mature plant

« Yes » means the line has an associated FST

Click over the line ID to obtain line characteristics

Enter the page number or use next to browse the results .

Name of the construct used for the transformation

Each co-cultured callus has produced an average of 4 independent transformed lines in our procedure. Click here to browse the other lines derived the same co-cultured callus.

Mean there is not yet sufficient seeds (T2) for distribution

Passport

Line: AODE12

Cocultured callus	Other lines generated from the same callus
Construct	P4956G
Seeds available	Not available
Delivered	No
FST	No

No, means the line has never been requested before.
Yes, means you may have first to get in touch with previous requester.

Means is line has no associated FST.

Select an observation to display.

Available

Display all selected observations

Reporter gene	Organ/Tissue	Expression level	Generation/stage	Select
GFP	leaf blade sheath	strong	T0 mature plant	<input type="checkbox"/>
GFP	vascular	strong	T0 mature plant	<input type="checkbox"/>
GFP	function	strong	T0 mature plant	<input type="checkbox"/>
GFP	vascular	strong	T0 mature plant	<input type="checkbox"/>
GFP	leaf sheath collar	strong	T0 mature plant	<input type="checkbox"/>

Display

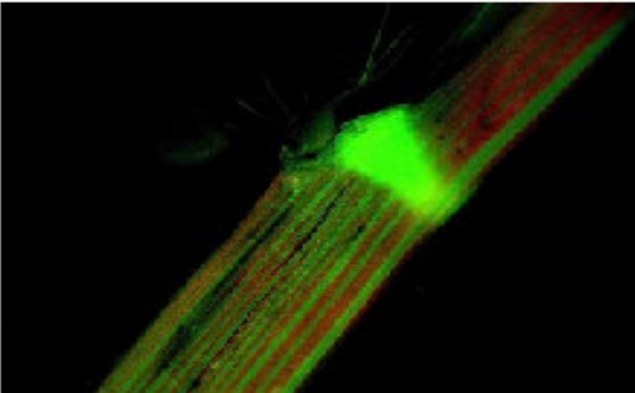
Check All

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Mutant Name: AODE12

Reporter gene	GFP
Developmental stage	mature plant
Organ	leaf blade
Tissue	sheath
Expression level	strong
Expression observations	Strong expression in collar and surrounding vascular of sheath and leaf, but I suspect this plant may be a tetraploid based on floral morphology.
Picture	 <p>medium size large size</p>

Retrun to the previous screen, displaying overall characteristics of the line.

Click to enlarge the picture.