

A fluorescence microscopy image of plant tissue. The image shows a network of green, elongated structures, likely cell walls or vascular bundles, against a dark background. Several of these structures are highlighted with a bright blue signal, indicating specific fluorescent markers or proteins. The overall appearance is that of a complex, interconnected biological network.

# Welcome to the Phenotypic search tutorial

Go to the navigation bar and click on Phenotypic.

The screenshot shows the search interface of the Oryza Tag Line database. It features a search bar at the top with the text "Se". Below the search bar, there are three dropdown menus: "Phenotypic class:", "Organ:", and "Developmental Stage:". A callout bubble points to these three dropdown menus with the text "Select items from the lists". Below these dropdowns, there is a section titled "Restrict by Features" with two checkboxes: "Lines with FST" and "Lines with T2 seed stock". Below this section, there is a section titled "Output" with a "number of records" dropdown menu set to "25" and a "sort records by" dropdown menu set to "Line ID". At the bottom of the form, there are "Reset" and "Submit" buttons. A callout bubble points to the "Submit" button with the text "After, You can submit your query to display the referenced mutants".

Select items from the lists

Phenotypic class:

Organ:

Developmental Stage:

**Restrict by Features**

Lines with FST

Lines with T2 seed stock

**Output**

number of records:

sort records by:

After, You can submit your query to display the referenced mutants

## Search by Phenotype

Phenotypic class: morphology

Organ: all organs

Developmental Stage: all

Referenced or designated mutants: clustered tillers

Select in a list of referenced mutants types from the literature or name attributed by the evaluation

## Restrict by Features

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

You can submit your query, after setup the display output.

Reset

Submit

Query upon morphology phenotypic class

first criterion: all developmental stage

second criterion: clustered tillers referenced or designated mutants

able

Items 1 - 25 of 35.

size 25 50 100 150

Previous  Next

Line ID	FST	Referenced or designated mutants	Organ	Phenotype description
<a href="#">ANMH07</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANMF10</a>	No	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANMB08</a>	No	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKH09</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKE01</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKD01</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKC07</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKC02</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the plant.
<a href="#">ANKA08</a>	Yes	clustered tillers	culm	culms grow closely distributed, giving a compact appearance to the 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 .

# Passport

Line: ANI

Co-cultured callus	Other lines generated
Construct	P4978
Seeds available	available
Delivered	No
FST	No

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.

Means there is sufficient seeds (T2) for distribution

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

Means line has no associated FST.

## Available observations

Phenotype class	Trait	Referenced or designated mutants	Generation/	
phenology	size, development		T1 seedling	
physiology	white		T1 seedling	<input type="checkbox"/>
morphology	twisted	twisted culms / leaves	T1 seedling	<input type="checkbox"/>
morphology	size	wide / long leaves	T1 tillering to heading	<input type="checkbox"/>
morphology		erect*	T1 tillering to heading	<input type="checkbox"/>
physiology		(leaves - lesion mimics)	T1 tillering to heading	<input type="checkbox"/>
morphology	development	clustered tillers	T1 tillering to heading	<input type="checkbox"/>
morphology	shape	(panicle - size)	T1 tillering to heading	<input type="checkbox"/>
morphology	leaf angle	erect fl.	T1 tillering to heading	<input type="checkbox"/>

Select phenotypic observations to display.

Display all selected observations

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## Mutant: ANMP10/0

Referenced or designated mutants

white margin (tr. wmar)

Phenotypic class

physiolog

Trait

wh

Organ

lea

Developmental stage

seedling

Phenotype description

white leaf margin

Overall observations

Click to enlarge the picture.

all and bad developed; white leaf margin; red culm and leaves (1 plant) (photos 1, 2).

Observed segregation

1 mutant(s) over 22 plants => 5%

medium

Picture

size



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