

Dear BRC users

RIKEN BRC Experimental Plant Division is emailing you to draw your attention to our resource distribution. Your inquiry about any item in the announcement is welcome.

1. High-Quality Plant Cell Cultures for Advanced Research

RIKEN BRC is a leading bioresource center offering a unique collection of high-quality plant cell cultures designed to accelerate your research in plant cell biology.

We provide rigorously quality-controlled cell lines suitable for a wide range of applications.

We are pleased to introduce a selection of available plant cell lines:

1. Fluorescent Protein-Tagged Tobacco BY-2 Cell Lines

These cell lines stably express fluorescent proteins targeted to specific subcellular compartments, enabling high-resolution imaging of dynamic cellular processes.

Actin Filaments

- GF11 ([rpc00040](#))

Golgi Body:

- TBY2-AtRER1B ([rpc00042](#))
- TBY2-31/ST ([rpc00091](#))
- TBY2-31/ST(E) ([rpc00092](#))
- TBY2-41/ST ([rpc00093](#))
- TBY2-R31 ([rpc00095](#))
- TBY2-31/41 ([rpc00097](#))

Nucleus/Chromosomes

- topless3-GFP ([rpc00098](#))
- BY-HR ([rpc00109](#))

Tubulin

- GT16 ([rpc00041](#))

Vacuolar Membranes

- GV7 ([rpc00039](#))
- BY-TIPG ([rpc00062](#))

2. Arabidopsis Cell Lines

For researchers using *Arabidopsis thaliana* as a model plant, we offer a curated collection of cell cultures.

Columbia

- T87 ([rpc00008](#)) – Suspension cell line
- YG1-c ([rpc00111](#)) – Callus cell line
- At tom-c ([rpc00112](#)) – Callus cell line

Landsberg *erecta*

- MM2d ([rpc00103](#)) – Suspension cell line
- MM2d-LS ([rpc00104](#)) – Suspension cell line

gnom mutant

- gnom ([rpc00055](#)) – Callus cell line

We believe these cell lines will be valuable resources for your research.

For detailed information, including imaging data and culture protocols, please visit the [Exp-Plant Catalog](#).

To place an order or for further inquiries, please contact us at plant.brc@riken.jp.

2. Official BRC Bluesky (Social Media) Account Now Open

BRC has launched an official account on Bluesky, a decentralized social networking service that is gaining popularity.

We will be sharing information and updates related to BioResources.

Please follow us!

[@riken-brc-en.bsky.social](#)

Best Regards

Resource Distribute Section

Experimental Plant Division

RIKEN BioResource Research Center

3-1-1 Koyadai, Tsukuba

Ibaraki 305-0074 JAPAN

Tel: +81-29-836-9067

Email: plant.brc@riken.jp

URL: <https://epd.brc.riken.jp/en/>

BRC X account: https://x.com/RIKEN_BRC_en

BRC Bluesky account: <https://bsky.app/profile/riken-brc-en.bsky.social>