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植物培養細胞リソース

公開細胞株

62

株

32植物種

提供実績

89

件/年

2018年度

海外提供

25

ヶ国

～現在

Plant Cell Lines

Search BRC No, Cell Line, Plant Name, Culture type:

Show : 100 records/page

« 1 »

BRC No	Cell Line	Scientific Name	Common Name
rpc00001	BY-2	Nicotiana tabacum	Tobacco
rpc00002	kurodagosun	Daucus carota	Carrot
rpc00003	VR	Vitis	Grape
rpc00004	VW	Vitis	Grape
rpc00005	PAR	Phytolacca americana	Pokeweed
rpc00006	PAP	Phytolacca americana	Pokeweed
rpc00007	PAW	Phytolacca americana	Pokeweed
rpc00008	T87	Arabidopsis thaliana	
rpc00009	T-13	Nicotiana tabacum	Tobacco
rpc00010	Asp-86	Asparagus officinalis	
rpc00011	Cba-1	Citrullus battich	Watermelon
rpc00012	Sly-1	Solanum lycopersicum	Tomato
rpc00013	Mar-1	Mentha arvensis	Mint

検索用データベース

Exp-Plant Catalog – Plant Cell Lines

https://plant.rtc.riken.jp/resource/cell_line/cell_line_list.html



BRC plant cell line

Docs » RIKEN BRC plant cell line documentation [View page source](#)

RIKEN BRC plant cell line documentation

RIKEN BRC Web Catalog

Documents

- Plant cell lines
 - rpc00001: *Nicotiana tabacum* BY-2 cell suspension culture
 - rpc00002: *Daucus carota* kurodagosun cell suspension culture
 - rpc00003: *Vitis* VR callus culture
 - rpc00004: *Vitis* VW callus culture
 - rpc00005: *Phytolacca americana* PAR callus culture
 - rpc00006: *Phytolacca americana* PAP callus culture
 - rpc00007: *Phytolacca americana* PAW callus culture
 - rpc00008: *Arabidopsis thaliana* T87 cell suspension culture
 - rpc00009: *Nicotiana tabacum* T-13 cell suspension culture
 - rpc00010: *Asparagus officinalis* Asp-86 callus culture
 - rpc00011: *Citrullus battich* Cba-1 callus culture
 - rpc00012: *Solanum lycopersicum* Sly-1 callus culture
 - rpc00013: *Mentha arvensis* Mar-1 callus culture
 - rpc00014: *Catharanthus roseus* CRA cell suspension culture
 - rpc00015: *Catharanthus roseus* V208 cell suspension culture

オンラインマニュアル

RIKEN BRC plant cell line documentation

https://plant.rtc.riken.jp/resource/cell_line/web_documents/index.html



RIKEN BRC Experimental Plant Division

rpc00001-BY-2-2.4 (2014.2.20; revised 2018.12.7)
RIKEN BRC plant cell line documentation

rpc00001

Nicotiana tabacum BY-2 cell suspension culture

Components

- Domestic delivery: Two 50-mL tubes, containing 25 mL of cell suspension
- Overseas delivery: Two 250-mL flasks, containing cells placed on semi-solid medium

Notice

- Subculture the cells to fresh medium immediately after arrival [Notes I, II].
- Do not store the cell culture in a refrigerator and a freezer.
- Maintain aseptic conditions of the cell culture, and work in a laminar flow cabinet.

Summary

- Culture medium: mLS medium, 0.2 mg/L 2,4-D, pH 5.8 (medium no. 1) [Materials III]
- Culture conditions: 27°C, dark, 130 rpm [Methods II]
- Subculture: 7-day intervals [Methods I]

細胞株別PDFプロトコール

RIKEN BRC plant cell line documentationからダウンロード可能

植物培養細胞リソース トップページ

https://epd.brc.riken.jp/ja/resource/catalog_pcult

提供申し込み・お問い合わせ

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