

Protocol Library

Protocol

Welcome to the Rausher Lab protocol library. Entries which are Wiki pages appear as links; entries which are downloadable files appear with green arrows after their names.

Anthocyanin

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- [Thin layer chromatography.doc](#)

Cloning

- [Agrobacterium Transformation](#)
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- [BL21 STAR DE3 CELLS.pdf](#)
- [classic_subcloning.pdf](#)
- [Colony PCR](#)
- [Competent Agrobacterium Cells](#)
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- [First Strand cDNA synthesis](#)
- [pGEM Ligations](#)
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DNA Extraction

- [CTAB genomic DNA extraction](#)
- [Genomic DNA Extraction](#)

Enzyme Assays

- [DFR Assay](#)
- [DFR Assay.doc](#)
- [Bacterial Protein Overexpression](#)
- [Carrie's updated DFR assay protocol.pdf](#)
- [How to order DHK for enzyme assays](#)
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Plant Transformations

- [Arabidopsis floral dip transformation](#)
- [Particle Bombardment](#)
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Plasmid Maps

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- [pCAMBIA1300.pdf](#)
- [pH7GIWG2\(1\).jpeg](#)
- [Puc19.pdf](#)
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Quantitative PCR

- [DART_Version_1.0_for_NAR.xls](#)
- [QPCR analysis template.xls](#)

General Stuff

- [Sequencing Reaction](#)
- [DNA cleaning following extraction](#)
- [dNTPs solution](#)
- [Making_Solutions.pdf](#)
- [Scintillation counter instructions](#)