

Pippin Prep Targeted Size Selection

What is it?

- An electrophoresis-based system for targeted size selection of nucleic acids, specifically for NGS library preparation.
- <http://www.sagescience.com/products/pippin-prep/>

Where is it?

- Molecular Ecology Lab, rm 321, Ecosystem Management (W055)

What does it do?

- Facilitates library construction for the most popular NGS platforms, and is recommended by Illumina and Ion Torrent for certain workflows.
- Collects narrow and even fragment distributions, with minimal effort and high repeatability. Target sizes or ranges of sizes are entered in software, and fractions are collected in buffer. Up to 5 samples per gel cassette may be run, with no possibility of cross contamination.
- Gel cassettes available for size ranges of 100-250bp (3% agarose), 100-600bp (2% agarose) or 250bp – 1.5kb (1.5% agarose).

Who can use it?

- Anyone who has been inducted and is undertaking UNE related research, teaching or outreach preparation.
- Gel cassettes must be provided by the user.

What training and access?

- You will need to be inducted in use of the Pippin Prep and also for access to the lab that houses it. Access after hours is not routine but can be organised

Who to see?

- Contact technician: TBA;
- Contact academic: Rose Andrew randre20@une.edu.au



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