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Distribution by the DGRC

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Preparation of Vectors (Clones 1000-1999) for Distribution by the DGRC

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Common vectors donated to the DGRC were in the form of purified DNA unless otherwise noted.

DNA was transformed in the appropriate *E.coli* strain and plated on the appropriate agar media plates

From this transformation, a single colony was used to inoculate 25 mls of the appropriate media and grown overnight.

The 25 ml culture was used as follows:

1. Two 1mL DMSO freezers stocks have been made as DGRC -80° back-ups
2. 2 mL of culture was spun down and bacterial pellets frozen for subsequent restriction analysis and quality control.
3. 20 mL of culture was spun down, the bacterial pellet raised in 450 µL of 1X TE and immediately spotted on Whatman® FTA® MicroCards.

Cards are air dried overnight and are kept in desiccated storage at room temperature for future requests.

Requests for a given clone are processed as follows:

1. The FTA card of the clone is pulled and a 2 mm punch is taken from it.
2. The punch (disc) is immediately transferred to a sterile microfuge tube and shipped within 24 hours.

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