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Implementing the Agencourt SprintPrep384 Protocol at JGI

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Implementing the Agencourt SprintPrep384 Protocol at JGI

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SprintPrep DNA isolation is a process that allows large fragments of DNA and vectors to be isolated from the host E. Coli cell. Agencourt has developed SprintPrep reagents and semi-automated methods for performing the necessary protocol. Last year, JGI implemented a 96 well SprintPrep method. This year, JGI has made the 384 SprintPrep method virtually user-independent.

Moving from the 96 well fosmid isolation method to the 384 well format has led to cost savings due to reagent reductions and a doubling in sequencing throughput. The increase in throughput will lead to an increase in sequencing depth and data confidence.

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