

POSTER PRESENTATION

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# Massively parallel sequencing of formalin-fixed paraffin-embedded tissues

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*From* Beyond the Genome 2012  
Boston, MA, USA. 27-29 September 2012

Formalin fixation followed by paraffin embedment (FFPE) is the most common method of preserving resected tissues. FFPEs can be easily stored, retrieved and processed for further analysis when compared to the logistical complications of processing fresh frozen (FF) material. Conversely, they may not be ideal for sequencing because of the nucleic acid fragmentation and artifacts introduced by fixation. Here we report our efforts in performing next-generation sequencing on more than 70 specimens comprising >40 FFPE samples, from low to high quality, and compared the performance of FFPE, FF and commercially available cell lines.

Published: 1 October 2012

doi:10.1186/1753-6561-6-S6-P40

**Cite this article as:** Erlich *et al.*: Massively parallel sequencing of formalin-fixed paraffin-embedded tissues. *BMC Proceedings* 2012 **6**(Suppl 6):P40.

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