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(54) **IDENTIFICATION AND USE OF
CIRCULATING TUMOR MARKERS**

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(71) Applicant: **The Board of Trustees of the Leland
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C12Q 1/68 (2006.01)

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(57) **ABSTRACT**

Related U.S. Application Data

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15, 2013.

Methods for creating a library of recurrently mutated genomic regions and for using the library to analyze cancer-specific and patient-specific genetic alterations in a patient are provided. The methods can be used to measure tumor-derived nucleic acids in patient blood and thus to monitor the progression of disease. The methods can also be used for cancer screening.

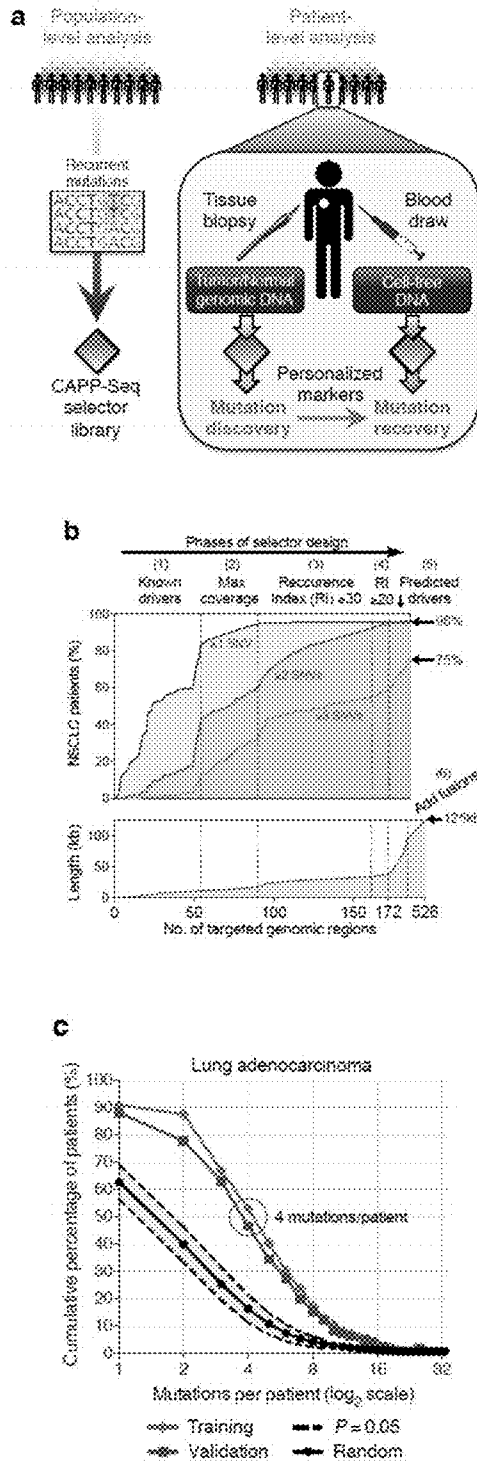


Figure 1

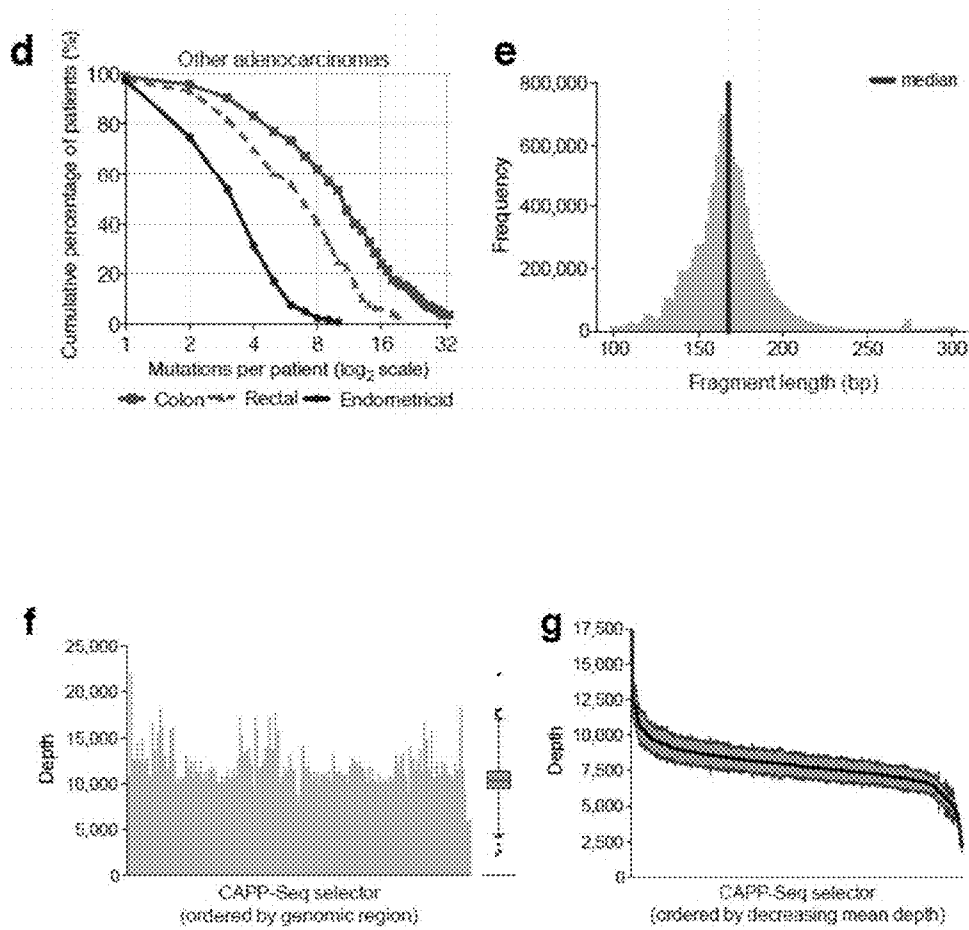


Figure 1 (cont.)

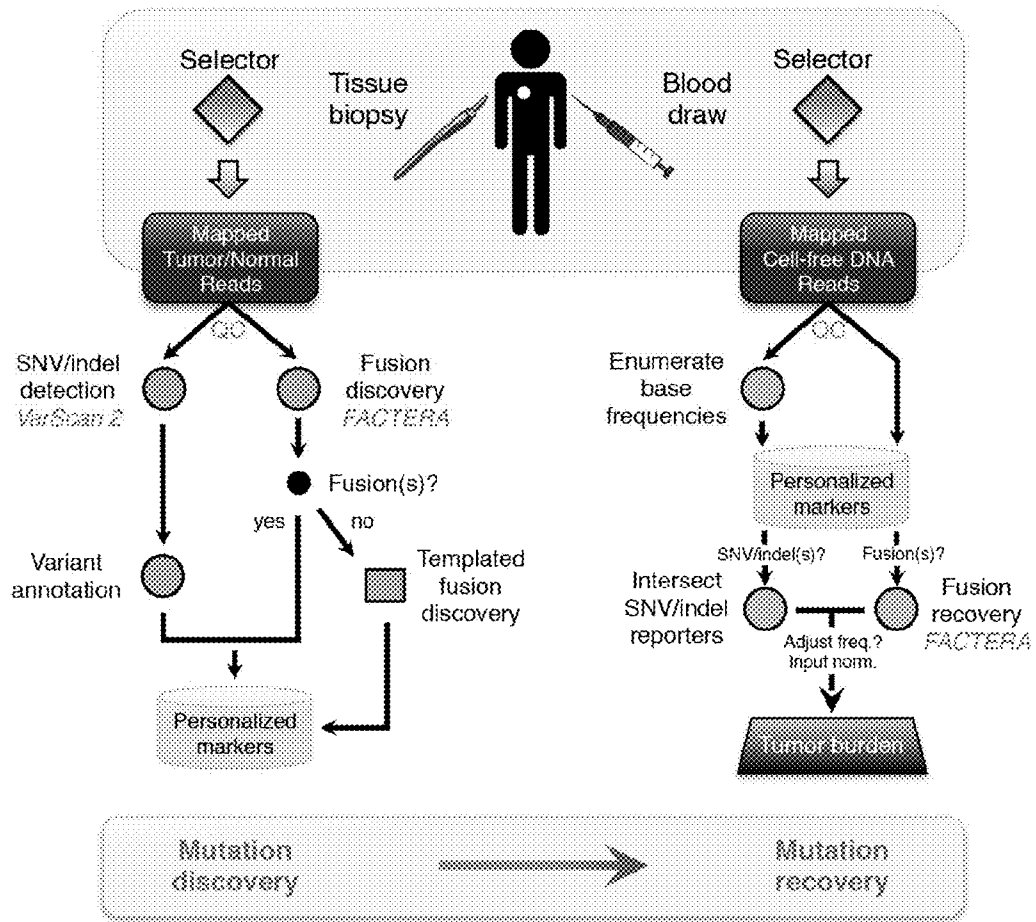


Figure 2

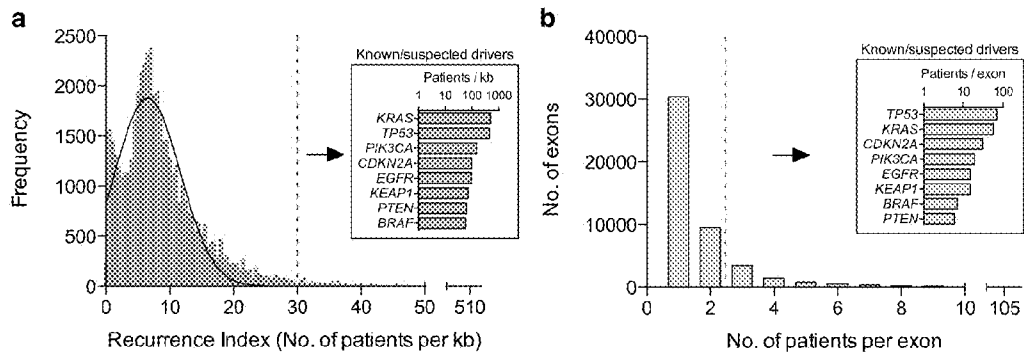


Figure 3

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