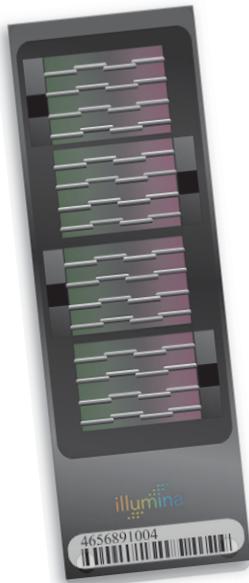


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**Omni** – /Om"ni-/ [Γ· *omnis* all.]

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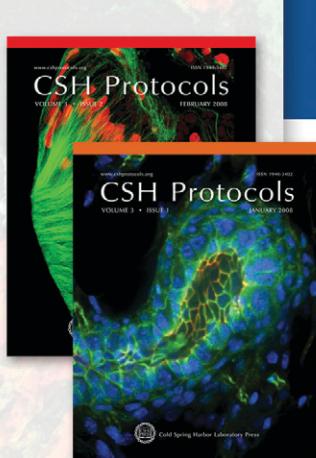


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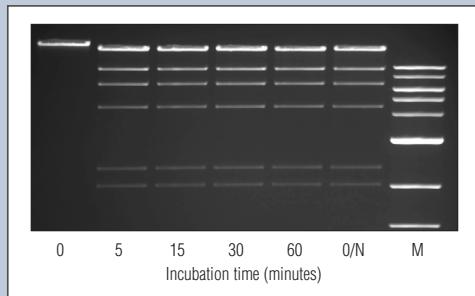
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The successful candidate will have extramural funding and a track record of conducting independent and collaborative research using approaches that include genomics and bioinformatics, as well as an interest in the field of cancer. The candidate will work closely with tumor cell biologists, molecular biologists, immunologists, and epidemiologists in the IHV to identify high-risk individuals and cancers that may have an infectious etiology. Particular emphasis will be placed on cancer associated with adventitious agents, especially viruses, and the candidate will use appropriate genomics and bioinformatics approaches to identify such agents in tumors, in the tumor microenvironment, and in individuals at high risk for specific cancers. The qualified individual will have publications utilizing genomics that may be applicable to human cancer. The cancers of interest in this institute are those occurring in the context of HIV or Hepatitis C infection and include cancer of the lung, kidney, liver, ovary, prostate, brain, leukemia, lymphoma and epithelial cells. The qualified individual will have familiarity with genomic applications such as transcriptional profiling, genotyping, tiling arrays, exon throughput assays, methylation, real time PCR, microRNA analyses and automated high throughput assays, and be aware of technology leading to detection of other agents, including possibly novel ones.

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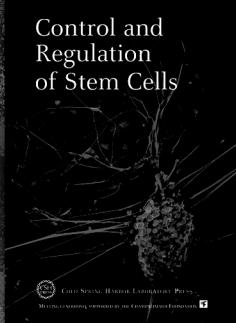
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