

# Atlas Of Human Tumor Cell Lines.pdf

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## [The Cancer Genome Atlas - Wikipedia](#)

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The Cancer Genome Atlas (TCGA) is a project, begun in 2005, to catalogue genetic mutations responsible for cancer, using genome sequencing and bioinformatics. TCGA applies high-throughput genome analysis techniques to improve our ability to diagnose, treat, and prevent cancer through a better understanding of the genetic basis of this disease.

## [Assays and annotation - The Human Protein Atlas](#)

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The Human Protein Atlas displays high resolution, multicolor images of proteins labeled with immunofluorescence at the single cell level. This provides spatial information on protein expression patterns to define the subcellular localization to cellular organelles and structures.

## [Tumor Evolution and Drug Response in Patient-Derived ...](#)

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To establish clinically relevant models for human bladder cancer, we have generated a biobank of patient-derived organoid lines that can be readily propagated in three-dimensional culture.

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