ADVANTAGES

Offers you complete CONFIDENCE in the background of your cell lines allowing for easy screening for genetic variants.

• HipSci lines are highly characterised with genomic, proteomic, and phenotypic data.

• Characterisation data is open access and freely available.

• Donor consent expressly allows for commercial exploitation.

TECHNOLOGY

• 150+ cell lines derived from phenotypically healthy donors as part of the Human Pluripotent Stem Cell Initiative (HipSci) www.hipsci.org

• Characterisation includes genotyping arrays, expression arrays, methylation arrays, RNA-seq, Exome-seq, proteomic mass-specrometry, whole genome sequencing, and high content cellular phenotyping.

• HipSci founders are global leaders in the stem cell and genomics fields.

• The Wellcome Sanger Institute is offering non-exclusive licenses on these cell lines.
TECHNOLOGIES

HipSci™ LINES: HIGHLY CHARACTERISED HUMAN INDUCED PLURIPOTENT STEM CELLS

APPLICATIONS

Potential applications include:

- Development of platforms for drug screening
- Disease modelling
- Research in regenerative medicine technologies

PUBLICATIONS

   www.ncbi.nlm.nih.gov/pubmed/28489815

   www.ncbi.nlm.nih.gov/pubmed/29229984

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