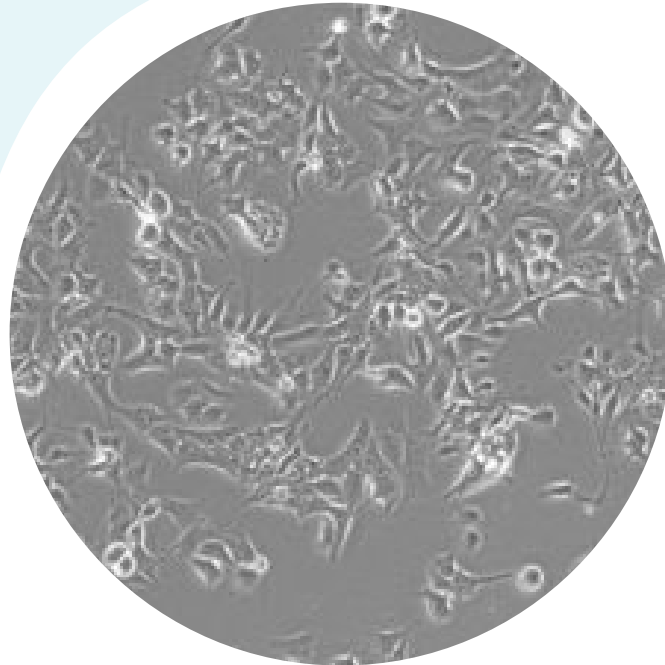


HIPS WFS2_1#2



DESCRIPTION

INDUCED PLURIPOTENT STEM CELLS DERIVED FROM REPROGRAMMED HUMAN WOLFRAM SYNDROME TYPE 2 SKIN FIBROBLASTS

Organism:	<i>Homo sapiens</i> , human
Cell Type:	Induced pluripotent stem cells
Source:	Fibroblasts
Gender:	Female
Age:	19 year-old at sampling
Disease:	Wolfram Syndrome type 2
Mutation:	homozygous CISD2
Delivery system:	non-integrative episomal plasmids
Reprogramming factors:	OCT3/4, SOX2, KLF4, L-MYC and LIN28 (OSKUL) in combination with transient suppression of the tumor protein 53 (p53)
Datasheet:	available under request

REFERENCES

1. La Spada A, Ntai A, Genovese S, Rondinelli M, De Blasio P, Biunno I. Generation of human induced pluripotent stem cells from Wolfram Syndrome type 2 patients bearing the c.103+1G>A CISD2 mutation for disease modeling. *Stem Cells Dev.*2017 Dec. 14. doi: 10.1089/scd.2017.0158.