

The Progeria Research Foundation Cell and Tissue Bank
Hutchinson-Gilford Progeria Syndrome and Progeroid Laminopathies
Cell Lines Available

INDUCED PLURIPOTENT STEM CELLS

Cell Line #	Relation to Proband	Age at Donation	Gender	Mutational Analysis	Other Lines From This Donor
HGADFN003 iP51B ⁴	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN003 iP51C ⁴	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN003 iP51D	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN167 iP51J ⁴	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN167 HGALBV009
HGADFN167 iP51Q ⁴	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN167 HGALBV009
HGMDFN090 iP51B ⁴	Mother of HGADFN167	37 yrs 10 mos	Female	LMNA Exon 11, Negative	HGMDFN090 HGMLBV010
HGMDFN090 iP51C ⁴	Mother of HGADFN167	37 yrs 10 mos	Female	LMNA Exon 11, Negative	HGMDFN090 HGMLBV010
HGFDFN168 iP51D2 ⁴	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFDFN168 HGFLBV021
HGFDFN168 iP51P ⁴	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFDFN168 HGFLBV021

¹Representative cultures from this cell line have tested negative for mycoplasma contamination at The PRF Cell and Tissue Bank. Please note: mycoplasma testing is performed on random passages. As part of our on-going quality control, The PRF Cell and Tissue Bank periodically tests the cultures for mycoplasma contamination using R&D Systems Mycoplasma Detection Kit (catalog # CUL001B).

²Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.

³Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.

⁴Representative cultures from this cell line have tested negative for mycoplasma contamination at Ottawa Hospital Research Institute. Please note: mycoplasma testing is performed on random passages. As part of our on-going quality control, The Human Pluripotent Stem Cell Facility/Dr. William Stanford laboratory periodically tests the cultures for mycoplasma contamination using a PCR based approach (Detection of mycoplasma contaminations., Uphoff CC, Drexler HG., Methods Mol Biol. 2013;946:1-13. doi: 10.1007/978-1-62703-128-8_1. PMID:23179822).

⁵Genetic sequencing on blood DNA agrees with fibroblast DNA unless otherwise noted. Blood sequencing performed for the PRF Diagnostics Program or outside facility. Please contact the PRF Cell and Tissue Bank coordinator for additional details.