DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

FIBROBLAST CLASSIC MUTATION

Cell Line #	Relation to Proband	Age at Donation	Gender	Mutational Analysis	Other Lines From This Donor
HGADFN271[1, 2, 5]	Proband	1 yr 3 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV152
HGADFN188[1, 2, 5]	Proband	2 yrs 3 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV152
HGADFN178[1, 2, 5]	Proband	6 yrs 11 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV110
HGADFN169[1, 2, 5]	Proband	8 yrs 6 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGADFN164[1, 2, 5]	Proband	4 yrs 8 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGADFN155[1, 2, 5]	Proband	1 yr 2 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGADFN143[1, 2, 5]	Proband	8 yrs 10 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV011
HGADFN127[1, 2, 5]	Proband	3 yrs 9 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV039
HGADFN122[1, 2, 5]	Proband	5 yrs 0 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV097
HGADFN003[1, 2, 5]	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV073 iPSC lines

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

FAMILY CLASSIC FIBROBLAST CELL LINES					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGADFN367[1, 2, 5]	Proband	3 yrs 0 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGFDFN369[1, 2, 5]	Father of HGADFN367	33 yrs 9 mos	Male	Negative	
HGMDFN368[1, 2, 5]	Mother of HGADFN367	31 yrs 7 mos	Female	Negative	
HGADFN167[1, 2, 5]	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGALBV009 iPSC lines
HGFDFN168[1, 2, 5]	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFLBV021 HGFDFSV40T168 iPSC lines
HGMDFN717[1] (replaces HGMDFN090)	Mother of HGADFN167	53 yrs 3 mos	Female	LMNA Exon 11, Negative	HGMLBV010 HGMDFSV40T090 iPSC lines
HGADFN496[1]	Proband	8 yrs 7 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGMDFN718[1]	Mother of HGADFN496	42 yrs 0 mos	Female	Not tested	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

FIBROBLAST NON-CLASSIC MUTATIONS					
PSADFN485[1,5]	Proband	4 yrs 5 mos	Male	LMNA heterozygous c.412G>A; (p.E138K)	
PSADFN425[1, 5]	Proband	20 yrs 11 mos	Male	LMNA Exon 1, heterozygous c.331G>A (p.Glu111Lys) Intron 6,1158-44 C>T	PSALBV295
PSADFN414[1, 2, 5]	Proband	12 yrs 8 mos	Male	LMNA Exon 11, heterozygous c.1762T>C (p.C588R)	PSADFN412
PSADFN412[1, 2, 5]	Proband	7 yrs 1 mo	Male	LMNA Exon 11, heterozygous c.1762T>C (p.C588R)	PSADFN414
PSADFN328[1, 2, 5] (Cells grow poorly)	Proband	12 yrs 5 mos	Female	LMNA Exon 11, heterozygous c.1822 G->A (p.Gly608Ser)	PSALBV296
PSADFN257[2, 5]	Proband	1 yr 10 mos	Male	LMNA Exon 10, homozygous c.1619 T>C (p.Met540Thr)	
PSADFN086[2, 5] (Cells grow poorly)	Proband	0 yrs 7 mos	Male	LMNA Exon 11, c.1968+1 G>A	PSALBV083

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

FAMILY NON-CLASSIC FIBROBLAST CELL LINES					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis[2]**	**Other Lines From This Donor**
PSADFN489[1]	Proband (mild progeroid phenotype)	3 yrs 2 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly); and SMC3 c.562A>G, p.K188E	
PSFDFN714[1]	Father of HGADFN489	38 yrs 6 mos	Male	Negative	
PSMDFN713[1]	Mother of HGADFN489	35 yrs 11 mos	Female	Negative	
PSADFN392	Proband	7 yrs 4 mos	Male	LMNA Exon 11, c.1968+2T>C	
PSFDFN394[1]	Father of PSADFN392	49 yrs 1 mo	Male	Not performed	
PSMDFN393[1]	Mother of PSADFN392	44 yrs 8 mos	Female	Not performed	
PSADFN373[1]	Proband	5 yrs 9 mos	Male	ZMPste24 Exon 10, homozygous c.1274T>C (p.Leu425Pro)	PSALBV341
PSFDFN376[1]	Father of PSADFN373	32 yrs 6 mos	Male	ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro)	PSFLBV344
PSMDFN375[1]	Mother of PSADFN373	32 yrs 9 mos	Female	ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro)	PSMLBV343
PSADFN363[1, 2, 5]	Proband	8 mos	Male	LMNA Exon 6, heterozygous c.973G>A (p.Asp325Asn)	
PSFDFN365[1, 2, 5]	Father of PSADFN363	44 yrs 2 mos	Male	Not performed	
PSMDFN364[1, 2, 5]	Mother of PSADFN363	36 yrs 10 mos	Female	Not performed	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

FAMILY NON-CLASSIC FIBROBLAST CELL LINES CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
PSMDFN346[2, 5]	Mother of PSADFN345 (proband line not available)	21 yrs 10 mos	Female	LMNA Exon 11, Negative	
PSADFN325[1, 2, 5]	Proband	6 yrs 9 mos	Male	LMNA Exon 11/Intron 11 junction, heterozygous c. 1968+5G>C	
PSFDFN327[2, 5]	Father of HGADFN325	36 yrs 3 mos	Male	Not performed	
PSMDFN326[2, 5]	Mother of HGADFN325	36 yrs 10 mos	Female	Not performed	
PSADFN317[5]	Proband (& sibling of PSADFN318)	3 yr 9 mo	Male	ZMPste24 Exon 6, heterozygous c.743C>T(p.Pro248Leu); Exon 10, heterozygous c.1349G>A(p.Trp450Stop)	
PSADFN318[1, 5]	Proband (& sibling of PSADFN317)	5 mos	Male	ZMPste24 Exon 6, heterozygous c.743C>T(p.Pro248Leu); Exon 10, heterozygous c.1349G>A(p.Trp450Stop)	
PSFDFN319	Father of PSADFN317 & PSADFN318	39 yrs 0 mo	Male	Not performed	
PSMDFN320[1]	Mother of PSADFN317 & PSADFN318	36 yrs 8 mo	Female	Not performed	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

FAMILY NON-CLASSIC FIBROBLAST CELL LINES CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
PSADFN386[1]	Proband	11 mos	Female	Mosaic: DNA from Fibroblasts: c.1968 +2T>C DNA from Blood: 4.7% c.1968+2T>C mutation, and 41.3% c.1968 +2T>A mutation See reference: Bar DZ, Arlt MF, Brazier JF, et al. A novel somatic mutation achieves partial rescue in a child with Hutchinson-Gilford progeria syndrome. Journal of Medical Genetics 2017;54:212-216	
PSMDFN387[1]	Mother of PSADFN386	36 yrs 5 mos	Female	LMNA Exon 11, Negative	
PSFDFN388[1]	Father of PSADFN386	38 yrs 1 mo	Male	LMNA Exon 11, Negative	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

IMMORTALIZED FIBROBLAST CELL LINES					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
PSADFSV40T317[1]	Proband (& sibling of PSADFN318)	3 yr 9 mo	Male	ZMPste24 Exon 6, heterozygous c.743C>T(p.Pro248Leu); Exon 10, heterozygous c.1349G>A(p.Trp450Stop)	PSADFN317
HGFDFSV40T168[1, 2, 5]	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFDFN168 HGFLBV021 iPSC lines
HGMDFSV40T090[1, 2, 5]	Mother of HGADFN167	37 yrs 10 mos	Female	LMNA Exon 11, Negative	HGMDFN090 HGMLBV010 iPSC lines
HGFDFSV40T369[1, 2, 5]	Father of HGADFN367	33 yrs 9 mos	Male	Negative	HGFDFN369
PSFDFSV40T376[1]	Father of PSADFN373	32 yrs 6 mos	Male	ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro)	PSFDFN376 PSFLBV344
HGMDFSV40T368[1, 2, 5]	Mother of HGADFN367	31 yrs 7 mos	Female	Negative	HGMDFN368

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

LYMPHOBLAST CLASSIC MUTATION					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGALBV039[3]	Proband	3 yrs 6 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN127
HGALBV071[3]	Proband	15 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV073[3]	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 iPSC lines
HGALBV110[3]	Proband	5 yrs 7 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN178
HGALBV113[3]	Proband	12 yrs 2 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV145[3]	Proband	13 yrs 0 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV146[3]	Proband	9 yrs 2 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV150[3]	Proband	6 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV152[3]	Proband	11 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN188
HGALBV162[3]	Proband	1 yr 6 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV172[3]	Proband	7 yrs 9 mos	Female	LMNA Exon 11, c.1824C>T (p.Gly608Gly)	
HGALBV186[3]	Proband	1 yr 0 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV234[3]	Proband	10 yrs 7 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

Cell Lines Available

LYMPHOBLAST CLASSIC MUTATION CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGALBV236[3]	Proband	6 yrs 1 mo	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV237[3]	Proband	14 yrs 1 mo	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV240[3]	Proband	4 yrs 2 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV255[3]	Proband	10 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV331[3]	Proband	10 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV338[3]	Proband	3 yrs 4 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV351[3]	Proband	4 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV378[3]	Proband	6 yrs 8 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV389[3]	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV395[3]	Proband	1 yr 6 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV408[3]	Proband	2 yrs 8 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV419[3]	Proband	1 yr 11 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

LYMPHOBLAST CLASSIC MUTATION CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGALBV424[3]	Proband	15 yrs 5 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV437[3]	Proband	4 yrs 4 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV439[3]	Proband	5 yrs 9 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV451[3]	Proband	7 yrs 7 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV452[3]	Proband	1 yr 3 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV462[3]	Proband	6 yr 2 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGALBV471[3]	Proband	7 yr 4 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

LYMPHOBLAST CLASSIC FAMILY CELL LINES

Cell Line #	Relation to Proband	Age at Donation	Gender	Mutational Analysis	Other Lines From This Donor
HGALBV009[3]	Proband	5 yrs 1 mo	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN167 iPSC lines
HGFLBV021[3]	Father of HGALBV009	37 yrs 0 mos	Male	LMNA Exon 11, Negative	HGFDFN168 iPSC lines
HGMLBV010[3]	Mother of HGALBV009	36 yrs 11 mos	Female	LMNA Exon 11, Negative	HGMDFN090 iPSC lines
HGALBV011[3]	Proband	6 yrs 1 mo	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN143
HGFLBV031[3]	Father of HGALBV011	36 yrs 5 mos	Male	LMNA Exon 11, Negative	
HGMLBV023[3]	Mother of HGALBV011	33 yrs 8 mos	Female	LMNA Exon 11, Negative	
HGALBV016[3]	Proband	15 yrs 7 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGMLBV017[3]	Mother of HGALBV016	40 yrs	Female	Not performed	
HGSLBV019[3]	Sibling of HGALBV016	19 yrs 9 mos	Male	Not performed	
HGALBV040[3]	Proband	12 yrs 6 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGFLBV042[3]	Father of HGALBV040	38 yrs	Male	Not performed	
HGMLBV041[3]	Mother of HGALBV040	43 yrs	Female	Not performed	
HGALBV055[3]	Proband	7 yrs 3 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

Cell Lines Available

LYMPHOBLAST CLASSIC FAMILY CELL LINES CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGMLBV065[3]	Mother of HGALBV055	26 yrs 0 mo	Female	LMNA Exon 11, Negative	
HGALBV057[3]	Proband	4 yrs 4 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGFLBV067[3]	Father of HGALBV057	40 yrs 8 mos	Male	LMNA Exon 11, Negative	
HGMLBV066[3]	Mother of HGALBV057	28 yrs 2 mos	Female	LMNA Exon 11, Negative	
HGALBV074[3]	Proband	10 yrs 8 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGMLBV076[3]	Mother of HGALBV074	42 yrs 8 mos	Female	Not performed	
HGSLBV075[3]	Sibling of HGALBV074	12 yrs 6 mos	Female	Not performed	
HGSLBV077[3]	Sibling of HGALBV074	16 yrs 10 mos	Male	Not performed	
HGALBV097[3]	Proband	2 yrs 7 mos	Female	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN122
HGFLBV099[3]	Father of HGALBV097	51 yrs 6 mos	Male	Not performed	
HGMLBV098[3]	Mother of HGALBV097	41 yrs 6 mos	Female	Not performed	
HGALBV132[3]	Proband	1 yr 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGMLBV133[3]	Mother of HGALBV132	24 yrs 7 mos	Female	LMNA Exon 11, Negative	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

Cell Lines Available

LYMPHOBLAST CLASSIC FAMILY CELL LINES CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
HGFLBV134[3]	Father of HGALBV132	27 yrs 5 mos	Male	LMNA Exon 11, Negative	
HGALBV314[3]	Proband	2 yrs 4 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	
HGSLBV353[3]	Sibling of HGALBV314	7 mos	Female	LMNA Exon 11, Negative	
HGSLBV359[3]	Sibling of HGALBV314	7 mos	Male	LMNA Exon 11, Negative	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

Cell Lines Available

LYMPHOBLAST NON-CLASSIC MUTATION					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
PSALBV199[3]	Proband	11 yrs 3 mos	Female	LMNA Exon 11, heterozygous c.1868 C>G (p.Thr623Ser)	
PSALBV229[3]	Proband	5 yrs 9 mos	Female	LMNA Exon 11, heterozygous c.1822G>A (p.Gly608Ser)	
PSALBV296[3]	Proband	10 yrs 8 mos	Female	LMNA Exon 11, heterozygous c.1822G>A (p.Gly608Ser)	PSADFN328
PSALBV379[3]	Proband	5 yrs 3 mos	Male	LMNA Exon 11/Intron 11 junction, heterozygous c.1968+1G>A	
PSALBV406[3]	Proband	8 mos	Male	LMNA Exon 11, heterozygous c.1822G>A (p.Gly608Ser)	
PSALBV427[3]	Proband	3 mos.	Male	LMNA Exon 11, heterozygous c.1821G>A(p.V607V)	
PSALBV432[3]	Proband	4 yrs 5 mos	Male	LMNA Exon 9, homozygous c.1580G>T, (p.A527L)	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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

Cell Lines Available

LYMPHOBLAST NON-CLASSIC FAMILY CELL LINES					
PSALBV083[3]	Proband	6 mos	Male	LMNA Exon 11, c.1968+1 G>A	PSADFN086
PSFLBV084[3]	Father of PSALBV083	31 yrs 9 mos	Male	Not performed	
PSMLBV085[3]	Mother of PSALBV083	32 yrs 2 mos	Female	Not performed	
PSALBV245[3]	Proband, sibling of PSALBV339 (2 deceased siblings were homozygous for same mutation)	4 mos	Male	LMNA Exon 9, homozygous c.1579C>T(p.Arg527Cys)	
PSALBV339[3]	Proband, Sibling of PSALBV245 (2 deceased siblings were homozygous for same mutation)	1 mos	Female	LMNA Exon 9, heterozygous c.1579C>T(p.Arg527Cys)	
PSMLBV238[3]	Mother of PSALBV245 & PSALBV339	~24 yrs	Female	LMNA Exon 9, heterozygous c.1579C>T(p.Arg527Cys)	
PSFLBV239[3]	Father of PSALBV245 & PSALBV339	~25 yrs	Male	LMNA Exon 9, heterozygous c.1579C>T(p.Arg527Cys)	
PSALBV295[3]	Proband	17 yrs 3 mos	Male	LMNA Exon 1, heterozygous c.331G>A (p.Glu111Lys) Intron 6,1158-44 C>T	PSADFN425
PSMLBV360[3]	Mother of PSALBV295	46 yrs 1 mos	Female	LMNA Exon 1, Negative Intron 6, heterozygous c.1158-44 C>T	
PSFLBV361[3]	Father of PSALBV295	49 yrs 8 mos	Male	LMNA Exon 1 & Intron 6, Negative	

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

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

Cell Lines Available

LYMPHOBLAST NON-CLASSIC FAMILY CELL LINES CONTINUED					
Cell Line #	**Relation to Proband**	**Age at Donation**	**Gender**	**Mutational Analysis**	**Other Lines From This Donor**
PSALBV341[3]	Proband (sibling of PSALBV342)	5 yrs 2 mos	Male	ZMPste24 Exon 10, homozygous c.1274T>C (p.Leu425Pro)	PSADFN373
PSALBV342[3]	Proband (sibling of PSALBV341)	2 yrs 9 mos	Male	ZMPste24 Exon 10, homozygous c.1274T>C (p.Leu425Pro)	
PSMLBV343[3]	Mother of PSALBV341 & PSALBV342	32 yrs 2 mos	Female	ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro)	PSMDFN375
PSFLBV344[3]	Father of PSALBV341 & PSALBV342	32 yrs	Male	ZMPste24 Exon 10, heterozygous c.1274T>C (p.Leu425Pro)	PSFDFN376

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.

DF = Dermal Fibroblast
LBV=Lymphoblast
iPSC = Induced Pluripotent Stem Cell
Cost of each DF & LBV cell line is $80.50
Cost of each Immortalized Fibroblast cell line is $80.50
Cost of each iPSC line is $100.00

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 iPS1B[4]	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN003 iPS1C[4]	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN003 iPS1D	Proband	2 yrs 0 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN003 HGALBV073
HGADFN167 iPS1J[4]	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN167 HGALBV009
HGADFN167 iPS1Q[4]	Proband	8 yrs 5 mos	Male	LMNA Exon 11, heterozygous c.1824C>T (p.Gly608Gly)	HGADFN167 HGALBV009
HGMDFN090 iPS1B[4]	Mother of HGADFN167	37 yrs 10 mos	Female	LMNA Exon 11, Negative	HGMDFN090 HGMLBV010
HGMDFN090 iPS1C[4]	Mother of HGADFN167	37 yrs 10 mos	Female	LMNA Exon 11, Negative	HGMDFN090 HGMLBV010
HGFDFN168 iPS1D2[4]	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFDFN168 HGFLBV021
HGFDFN168 iPS1P[4]	Father of HGADFN167	40 yrs 5 mos	Male	LMNA Exon 11, Negative	HGFDFN168 HGFLBV021

[1]Representative 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).
[2]Histograms of mutational analysis sequenced by the PRF Cell and Tissue Bank available.
[3]Representative cultures from this cell line have tested negative for mycoplasma contamination at Rutgers University Cell and DNA Repository via real time PCR assay.
[4]Representative 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).
[5]Genetic 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.