

Online Supplement

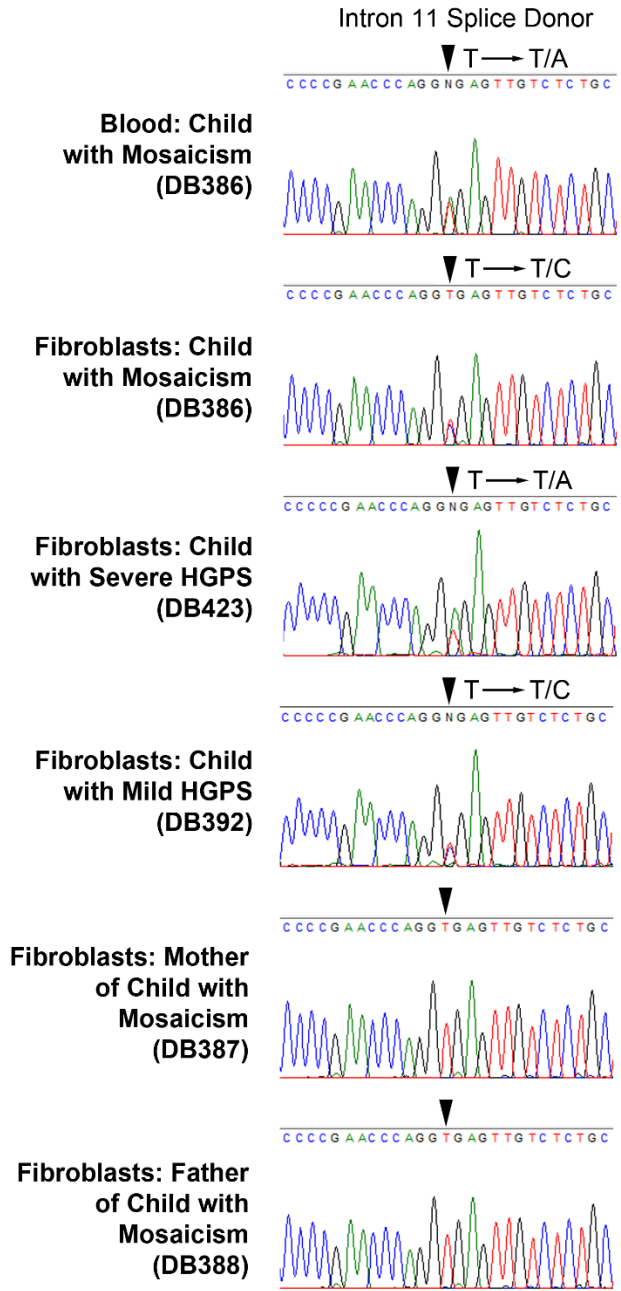
Supplementary Tables 1 and 2 demonstrate that fibroblasts and blood from proband DB386 are from the same child, and that the proband is the child of identified parents.

<b>Supplementary Table1: Sequenom MassARRAY results</b>				
<b>Marker</b>	<b>Proband-Fibroblasts</b>	<b>Proband-Blood</b>	<b>Mother of Proband-Fibroblasts</b>	<b>Father of Proband-Fibroblasts</b>
206079	G	G	GA	G
207338	C	C	C	C
236996	CT	CT	CT	CT
314253	A	A	A	A
609017	G	G	GA	G
619824	GT	GT	T	GT
718263	CT	CT	T	C
894911	T	T	CT	T
958648	T	T	T	T
1025412	GA	GA	A	G
1029035	CA	CA	A	C
1210065	GA	GA	A	G
1367972	CT	CT	CT	T
1617837	C	C	C	C
1667540	CT	CT	CT	T
1887320	G	G	G	GA
2000434	AG	AG	A	G
2072513	CT	CT	T	CT
2444256	A	A	GA	A
2461507	A	A	GA	GA
2547002	A	A	CA	CA
2623255	A	A	GA	GA
4131667	T	T	T	TC
4358083	CA	CA	C	CA
4716437	T	T	T	T
4797414	G	G	GA	GA
6680365	G	G	G	G
6879305	G	G	G	G
7241677	G	G	GA	GA
7429010	AG	AG	AG	AG
7689179	AG	AG	AG	A
7916063	CA	CA	A	CA
8102873	CT	CT	C	T

9289415	A	A	GA	GA
9893368	AG	AG	G	AG
10944288	CT	CT	C	CT

**Supplementary Table 2: Identifier Plus Results**

<b>Marker</b>	<b>386 Alleles Proband- Fibroblasts</b>	<b>DB387 Alleles (Mother of Proband- Fibroblasts)</b>	<b>388 Alleles (Father of Proband- Fibroblasts)</b>
<b>AMEL</b>	X	X	X-Y
<b>CSF1PO</b>	10/11	10/11	10/13
<b>D13S317</b>	12/13	11/12	12/13
<b>D16S539</b>	12/13	11/12	11/13
<b>D18S51</b>	15	12/15	15/18
<b>D19S433</b>	14/15	14	15
<b>D21S11</b>	28/33.2	28/31.2	30/33.2
<b>D2S1338</b>	24	17/24	24
<b>D3S1358</b>	15	14/15	15/16
<b>D5S818</b>	11	11/13	11/13
<b>D7S820</b>	11	8/11	11
<b>D8S1179</b>	11/14	14	11/12
<b>FGA</b>	21	21/23	20/21
<b>TH01</b>	6/9	6/9.3	9/9.3
<b>TPOX</b>	8/11	11/12	8
<b>vWA</b>	14/17	16/17	14/18



Supplementary Figure. Sanger sequencing of *LMNA* Exon 11 with flanking intronic bases. Relevant sequences shown, with mutations noted at 1968+2 intronic bases for patients with nonclassic HGPS, but not for parents.