GM00321 **Fibroblast** from **Skin, Arm**

Description:
XXXY AND XXXXY SYNDROME
ANEUPLOID CHROMOSOME NUMBER - NON-TRISOMIC

Affected:
No

Gender:
Female

Age:
40 YR (At Sampling)

Repository	NIGMS Human Genetic Cell Repository
Subcollection	Apparently Healthy Collection
Biopsy Source	Arm
Cell Type	Fibroblast
Tissue Type	Skin
Transformant	Untransformed
Race	Caucasian
Ethnicity	Sardinian
Country of Origin	USA
Family Member	2
Relation to Proband	mother
Confirmation	Karyotypic analysis and Case history
Species	Homo sapiens
Common Name	Human
Remarks	Unaffected mother of affected child (GM00326) and unaffected child (GM00323); normal RBC G6PD level; Xg(a) antigen positive; initial karyotype analysis reveals subject is 46,XX with random chromosome losses seen in 12% of cells, random chromosome gains seen in 2% of cells, and random chromosome aberrations seen in 2% of cells;
PDL at Freeze	8.8
Passage Frozen	6

IDENTIFICATION OF SPECIES OF ORIGIN	Species of Origin Confirmed by Chromosome Analysis

Remark	Unaffected mother of affected child (GM00326) and unaffected child (GM00323); normal RBC G6PD level; Xg(a) antigen positive; initial karyotype analysis reveals subject is 46,XX with random chromosome losses seen in 12% of cells, random chromosome gains seen in 2% of cells, and random chromosome aberrations seen in 2% of cells;

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dbSNP	dbSNP ID: 16730
GEO	GEO Accession No: GSM520733
	GEO Accession No: GSM520734
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	GEO Accession No: GSM520736
	GEO Accession No: GSM520737
	GEO Accession No: GSM520738
	GEO Accession No: GSM608313
	GEO Accession No: GSM608314
View	pedigree
Cumulative PDL at Freeze	16
Passage Frozen	6
Split Ratio	1:4
Temperature	37 C
Percent CO2	5%
Percent O2	AMBIENT
Medium	Eagle's Minimum Essential Medium with Earle's salts and non-essential amino acids
Serum	15% fetal bovine serum Not inactivated
Substrate	None specified

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