GM00157 Fibroblast

Description:
XXXY AND XXXXY SYNDROME
TRANSLOCATED CHROMOSOME

Affected:
No Data

Gender:
Male

Age:
28 YR (At Sampling)

Repository	NIGMS Human Genetic Cell Repository
Subcollection	Chromosome Abnormalities
Cell Type	Fibroblast
Transformant	Untransformed
Race	Caucasian
Relation to Proband	proband
Confirmation	Karyotypic analysis after cell line submission to CCR
ISCN	49,XXXXY,t(4;11)(q35;q23).arr(X)x4,(Y)x1
Species	Homo sapiens
Common Name	Human
Remarks	Severe mental retardation; sexual infantilism
Passage Frozen	12
IDENTIFICATION OF SPECIES OF ORIGIN	Species of Origin Confirmed by Chromosome Analysis
Cytogenetics	Chromosome 11: TRANSLOCATION Breakpoint 11q23 t(4;11)11q23
	Chromosome X: ANEUPLOID Aneuploid Segment (+)Xpter>Xqter

Remark	Severe mental retardation; sexual infantilism

Tang Z, Berlin DS, Toji L, Toruner GA, Beiswanger C, Kulkarni S, Martin CL, Emanuel BS, Christman M, Gerry NP, A dynamic database of microarray-characterized cell lines with various cytogenetic and genomic backgrounds G3 (Bethesda, Md)3:1143-9 2013

PubMed ID: 23665875

Goodarzi AA, Noon AT, Deckbar D, Ziv Y, Shiloh Y, Löbrich M, Jeggo PA, ATM signaling facilitates repair of DNA double-strand breaks associated with heterochromatin Molecular cell31:167-77 2007

PubMed ID: 18657500

Chapelle A, Miller RC, Greene AE, Coriell LL, A (4;11) translocation, balanced, 49 XXXXY karyotype. Repository identification no. GM-157. Cytogenet Cell Genet15:127-8 1975

PubMed ID: 1183238

dbSNP	dbSNP ID: 15517

No data is available

Passage Frozen	12
Split Ratio	1:3
Temperature	37 C

Percent CO2	5%
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
Subcultivation Method	trypsin-EDTA

Pricing

ommercial/For-profit:

$130.00 USD

cademic/Non-profit/Government:

$87.00 USD