



Cell Guidance Systems Genetics Service Cytogenetics Laboratory

[Customer Details]

Array on stem cells of *****

Laboratory No: *****

Date of Receipt: DD/MM/YYYY

Analysed By: [Name of Cytogeneticist]

Date of Report: DD/MM/YYYY

Checked By: [Name of Cytogeneticist]

Referral details: Human stem cells for AGH

ARRAY REPORT SUMMARY: Mosaic copy number gains of 10p14p13 and 15q21.3q22.2

ARRAY ISCN: arr[hg19] 10p14p13(6770610_15156665)x1~2,
15q21.3q22.2(59815761)x1~2[0.8]

A DNA sample from this stem cell, ***** , was tested for copy number changes and loss of heterozygosity (LOH) using the Affymetrix CytoScan 750K SNP genotyping array.

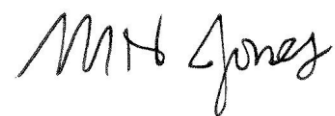
Array analysis has shown this stem cell to have an XY sex chromosome and two mosaic copy number losses. The first is an approximately 8.4Mb interstitial loss of the short arm of chromosome 10, band p14 to p13. The second is an approximately 3Mb interstitial loss of chromosome 15, band q21.3 to q22.2. Both losses are shown to be present in ~80% of the cells in this sample.

No other copy number abnormalities or regions of LOH of significance were detected.

Basis of Test:

The analysis was performed at a genome-wide resolution of 200kb using Affymetrix Chromosome Analysis Suite (ChAS) software (Build 37). Balanced chromosomal rearrangements, nucleotide variants and low-level mosaicism for any chromosome imbalances cannot be excluded.

Authorized by

A handwritten signature in black ink that reads "MJ Jones". The letters are cursive and fluid.

Michael Jones PhD, CEO

Cell Guidance Systems
Maia Building
Babraham Research Campus
Cambridge CB22 3AT
UK

www.cellgs.com
Tel +44 1223 967316