

## CLG Microarray Test Results

**Cell Line ID:** IPS 522-2565-1 p6      **Lab #:** CLG-28818      **Date received:** 7/12/17      **Date Reported:** 7/27/17

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**Sample Type:** Human iPSC Frozen Cells      **dsDNA Concentration:** 422 ng/ $\mu$ l      **Total dsDNA:** 3.8 ug

**Sex:** Female      **260/280 (1.7-1.9):** 1.8      **260/230 ( $\geq$ 1.90):** 2.3      **Array Type:** Agilent 60K Standard aCGH

**Array ID Number:** 252192438249\_2\_2      **Reference DNA:** Agilent Euro Female

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### Quality Control

A sufficient amount of high quality genomic DNA, as determined by UV spec. (NanoVue), fluorometer (Qubit) and Agarose Gel analysis, was extracted from cell line IPS 522-2565-1 p6 and passed our internal quality standards for aCGH labeling.

aCGH Probes (PASS/FAIL): Pass

Experimental Deviations: None

### Results:

See attached sheets for Tabular and Graphical presentation of microarray results.

Variants are considered provisional until confirmed by another technique. For further confirmation of a particular variant, CLG recommends using Karyotyping (variants >5Mb), FISH (variants >200Kb).

Amp/Deletion Table									
Chr	Amp/Del	Start (bp)	Stop (bp)	Size(kb)	Chr Band	# Probes	Log2 Ratio	Genes <sup>α</sup>	Overlap Normal CNVs? <sup>β</sup>
3	Del	188,080,347	188,426,177	80	q28	8	-0.94108	LPP, LPP-AS1, MIR28	No
14	Del	106,957,891	107,038,209	346	q32.33	3	-0.84839		Yes

Total Amp/Del: 2

<sup>α</sup> Genes amplified or deleted are cross referenced against the Online Mendelian Inheritance in Man® (OMIM®) database. Genes well documented with disorders and morbidity are Orange. Genes with some association with disease are Teal. Genes in Black have no known association with disease.

<sup>β</sup> Amplifications and deletions are cross referenced against the Database of Genomic Variants (DGV), which contains genomic variations observed in healthy individuals.

