CELL Quality Control Report: Karyotyping analysis

Ref of QCR: **iPSC GM2523Cl3P6_QCR-K_v0.1_220916_LK**

1. EXPERIMENTAL INFORMATION

- Team / Project title: LGMD / GSDIII
- Provider name : Lucille Rossiaud
- Comments: for clone selection after fibroblast reprogramming
- Fixation and hypotonic choc were performed by Lina El Kassar

1.1. Cells information

Type of QC	Cell type	N° of differentiation	Passage	Derived from:		Date of QC (YYMMDD)	Investigator initials
				Cell	Passage		
Karyotype	hiPS: GM2523C3		P6	Fibroblasts GM2523	P5	**220916**	LK

- Date of freezing:
- If iPSC, reprogramming method: Sendai Virus
- Specie of cells: Human

1.2. Culture conditions

- Culture medium: iPS Brew
- Matrix or feeder type: VTN (previously on MEFs/Gelatin)
- Dissociation method: Manual
- If relevant, seeding conditions (dilution, density, …):
- Culture with or without antibiotic, if yes which one: Without
- If feeder free adapted hPSC culture, for how many passage pN+X: p3+3
- If differentiated cells, give culture conditions and cells information of hPSC: None

1.3. Test conditions

- Performed: ☒ Prior freezing ☐ After thawing ☐ Not applicable
  If Not applicable, please comment here:

2. ANALYSIS

- Analysis conformity:
  The karyotyping has been completed according to:
  - ☐ G-Banding (Instruction 4ITec0040) + R-Banding
    - ☐ Yes ☐ No
  - ☒ mFISH (Instruction 4ITec0214)
    - ☒ Yes ☐ No
- Karyotype conformity:

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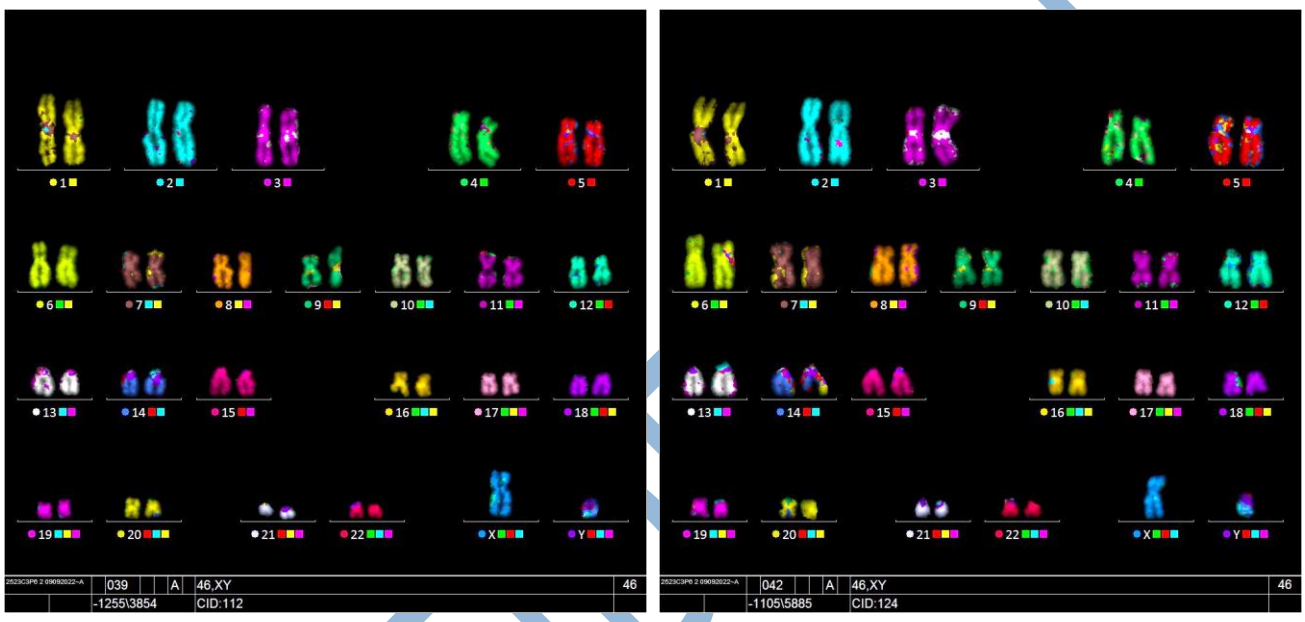
Number of analyzed cells: 30
Number of karyotyped cells: 6
Results (number of chromosome and sex of cell line): 46,XY

3. INTERPRETATION

The cell karyotyping is therefore: ☒ Normal ☐ Abnormal



4. COMMENTS

4.1. Investigator comments

None

4.2. Reviewer comments

None

Checked and interpreted by: Lina El Kassar
Date: 220916
Signature: LK