



DNA Analysis

Cell Line Match ID: HUES66

Sex: Female

Likely Genetic Origin:

Northern European (70.5%)

African (11%)

South American (8.6%)

Other (10%)

Contamination Detected: None

Strain Information

Cell type: Human pluripotent stem cell

Parental strain: HUES66-2

Clones available: 3 out of 3

Introduced modifications: 2

Novel Cell Line Modifications

Gene Editing: Yes

Method: CRISPR/Cas9

KO/KI : KI

Insert: MAP2-tdTomato knock-in [MTKI]

Monoclonal line: Yes

Passages since edit: +6

Drug Treatments: No

Compound name: NA

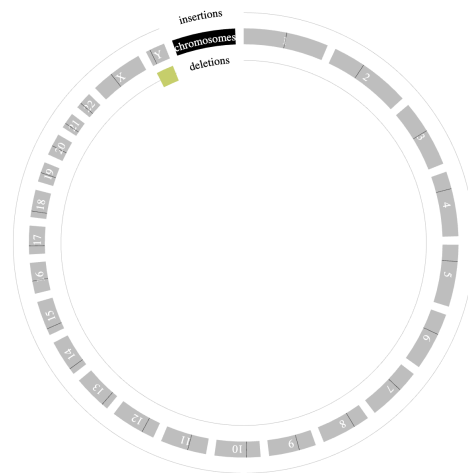
Passages since application: NA

Passages since application: NA

Freeze/Thaw: No

Passages since thaw: NA

Copy Number Analysis



CNVs Detected.....0

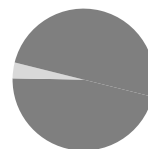
Insertions.....0

Median Length: NA

Deletions.....0

Median Length: NA

Read Statistics



Mapped ■
Not mapped □

Number of reads.....75397

Median read length.....4065

Reads until ID.....200

Data Capabilities

Match reference document:

NYGC00001-HUES66-1A

Max CNV Resolution: del:20MB, ins:10Mb

Contamination Detection Threshold: >60%

Match Resolution: Within immediate family