

TD-02

Control line Disease line
Gene edited? No

General information

Cell line name	TD-02
Biosample ID	2888
Lines from same donor	AIW001, AJC002 AND TD02 SAME DONOR

Donor information

Sex	FEMALE
Age	48 YEARS
Race	CAUCASIAN

Culture conditions

Coating/medium	MATRIGEL/mTeSR1
Passage method	Gentle cell dissociation reagent

Derivation

Primary cell line	PBMC
Reprogramming method	EPISOMAL
Reprogramming factors	Bcl-XI <input type="checkbox"/> Myc <input checked="" type="checkbox"/> Nanog <input type="checkbox"/> SOX2 <input checked="" type="checkbox"/> LIN28 <input type="checkbox"/> KLF4 <input checked="" type="checkbox"/> OCT3/4 <input checked="" type="checkbox"/>

Disease status

Disease	NA
Affected gene	NA
Disease mutation/family history	NA

Genetic modification

Modification	NA
Gene	
Gene ID	
Chromosome location	
gRNA1	
gRNA2	
Delivery method	
Subclone IDs	
Description	

Characterization:

Genotyping analysis:

Passage number	P8
Karyotyping	Normal 46, XX
qPCR (Genetic Analysis kit)	Normal



Fig1.G-band assay show normal karyotype of TD02.

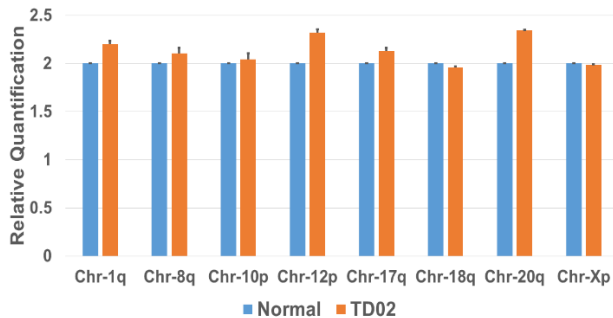


Fig2: Genetic analysis assay show normal chromosome of TD02.

Pluripotency analysis:

Marker	Expressed?
Nanog	Yes
Tra-1-60	Yes
SSEA-4	Yes
OCT3/4	Yes

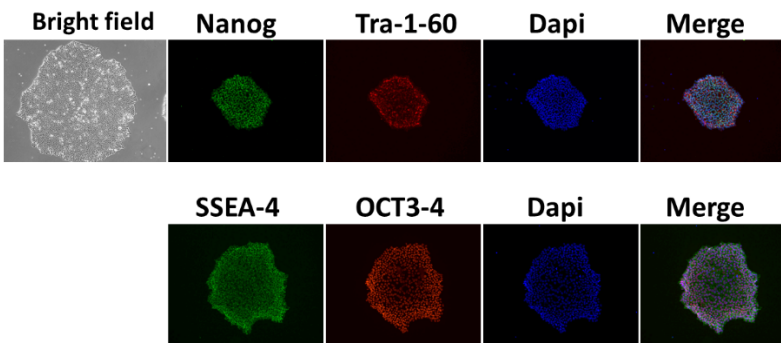


Fig 3. Bright field image and IF of pluripotency marker on TD02

Microbiology/virus screening:

Mycoplasma test	Negative
Hepatitis B	Negative
Hepatitis C	Negative
HIV1 or 2	Negative