

AIW002-02

Control line Disease line
Gene edited? No

General information

Cell line name	AIW002-02
Biosample ID	2889
Lines from same donor	AIW002 AND AJC001 FROM SAME DONOR

Donor information

Sex	MALE
Age	37 YEARS
Race	CAUCASIAN

Culture conditions

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

Derivation

Primary cell line	PBMC
Reprogramming method	RETROVIRUS
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	P13
Karyotyping	Normal 46, XY
qPCR (Genetic Analysis kit)	Normal

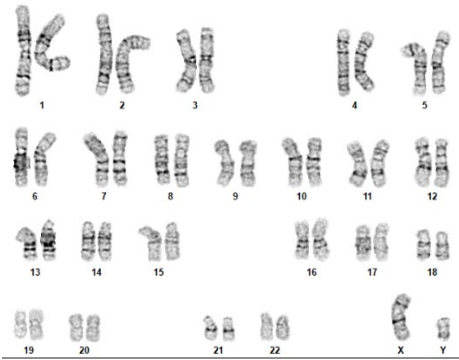


Fig1. G-band assay show normal karyotype of AIW002-02, 46, XY

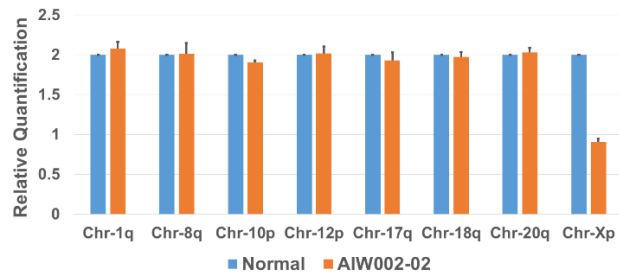


Fig2: Genetic analysis assay show normal chromosome of AIW002-02.

Pluripotency analysis:

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

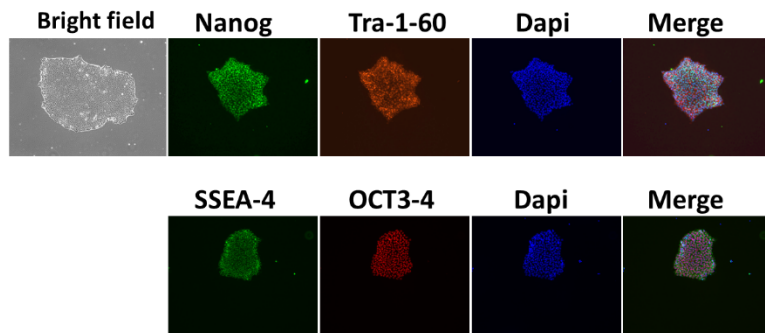


Fig 3. Bright field image and immunostaining of pluripotency marker on AIW002-02

Microbiology/virus screening:

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