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[illegible]

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MCF 7, MCF.7, MCF7, ██-7, ssMCF-7, ssMCF7, MCF7/WT, MCF7-CTRL, IBMF-7

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[illegible]

MCF-7 (XXXXXXXXXXXXXXXXXXXX Cytion 300273)

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XXXXXX MCF-7 | 300273

NCBI_TaxID 9606

CellosaurusAccession CVCL_0031

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Receptors expressed

Protein expression P53 , pGP9.5 , CEA

Isoenzymes PGM3, 1, PGM1, 1-2, ES-D, 1-2, AK-1, 1, GLO-1, 1-2, G6PD, B,

Oncogenes Wnt7h ☒, Tx-4

Tumorigenic ████████████████████████████████

Products

Mutational profile TP53 wt

Karyotype 2S

XXXXXXXXXXXX

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (XXXXXXXXXXXX Cytion 820100a)

Supplements FBS 10% NEAA 1%

**Dissociation
Reagent**

Doubling time 24 ☐☐☐☐☐☐☐☐

Subculturing

Seeding density 3×10^4 ² / ²

XXXXXX MCF-7 | 300273

Fluid renewal 2 XXXX 3 XXXXXXXXXXXXXXXX

Post-Thaw Recovery XXXXXXXXXXXXXXXXXXXXXXXX 48 XXXXXXXXXXXXXXXXXXXXXXXX

Freeze medium XXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX (XXXXXX FBS) + 10% DMSO

Thawing and Culturing Cells

1. XXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX
2. XXXXXXXXXXXXXXX XXXXXXX cryovial XXXXXXXXXXXXXXXXXXXXXXX -150 XXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX
3. XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX 37°C XXXXXXXXXXXXXXXXXXXXXXX
4. XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX 70%
5. XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX 15 XXXXXXXXXXXXXXXXXXXXXXX
6. XXXXXXXXXXXXXXXXXXXXXXX 300 x g XXXXXXXXXXXXXXX 3 XXXXXXX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX
7. XXXXXXX XXXXXXXXXXXXXXXXXXXXXXX 10 XXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX
8. XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX

Incubation Atmosphere 37°C, 5% CO₂, XXXXXXXXXXXXXXX

Flask Coating XXXXXXX

Freezing Procedure XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX

Shipping Conditions XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX

Storage Conditions XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX -150 XXX -196 °C XXXXXXXXXXXXXXX



PCR

A*: '02:01:01
B*: 18:01:01, 44:02:01
C*: '05:XX
DRB1*: '03:01:01, '15:01:01
DQA1*: '01:02:01, '05:01:01
DQB1*: '02:01:01, '06:02:01
DPB1*: '02:01:02, '04:01:01
E: '01:01:01