

| 305682

Description	LoVo-Luc	LoVo				LoVo	56
	LoVo-Luc					BLI	
	LoVo-Luc	MSI		CEA	LoVo		
Organism							
Tissue							
Disease							
Metastatic site							
Age	56						
Gender							
Ethnicity							
Morphology							
Growth properties							
Citation	Lovo-Luc	Cytion	305682				
Biosafety level	1						
NCBI_TaxID	9606						
CellosaurusAccession	CVCL_4Y03						
GMO Status	GMO-S1					Luc2	

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Antigen expression

HLA A11 B15 B17 Cw1 Cw3 B Luc2

Isoenzymes

G6PD B PGM1 2 PGM3 1-2 6PGD A ES-D 1

Oncogenes

Myc myb ras fos p53 sis- abl- ros- src-

Tumorigenic**Reverse transcriptase****Products**Carcinoembryonic antigen (CEA) 908 ng/10⁶ /10**Mutational profile**p.Lys437Argfs*5
p.Gly13Aspp.Arg1114Ter
p.Ala292Valp.Met1431fs*42
p.Lys128Serfs*35

p.Arg2816Gln

p.Leu15

Culture MediumF12K w 2.0 mM L- w 2.0 mM w 2.5 g/L NaHCO₃ Cytion article number 820608a**Supplements**

10% FBS

Dissociation Reagent**Doubling time**

24 48

Subculturing

PBS T25 3-5ml T75 5-10ml PBS T25

1-2m

Split ratio

1 3

Seeding density1-3×10⁴/cm²**Fluid renewal**

2 3

Freeze medium

10 DMSO

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Thawing and
Culturing Cells

- | | | | | |
|----|-----------|------|------|-------|
| 1. | | | | |
| 2. | | -150 | | 3 |
| 3. | | 37 | | 40 60 |
| 4. | 70 | | | |
| 5. | | 8ml | 15ml | |
| 6. | 200 x g 5 | | | |
| 7. | | | | |

Incubation
Atmosphere

37 5%
CO₂

Shipping
Conditions

-78

Storage
Conditions

-150 -196 80