

JVM-3 | 305266

Cell line

Description	JVM-3 is a human breast cancer cell line derived from a 73-year-old female patient with a primary tumor (B-PLL) and distant metastases. The cell line is characterized by a high growth rate and is suitable for various biological and clinical studies. RPMI 1640 medium supplemented with 10% FBS (FBS) is used for cell maintenance. JVM-3 cells are grown in B-PLL medium (B-PLL) supplemented with 10% FBS.
Organism	Human
Tissue	Breast
Disease	Breast cancer
Metastatic site	Metastatic (Breast cancer)
Applications	Cell culture, drug screening, and biological studies.
Synonyms	JVM3

Cell characteristics

Age	73 years
Gender	Female
Ethnicity	Chinese
Morphology	Epithelial cells, growing in clusters.
Cell type	Epithelial cells
Growth properties	High growth rate

Cell line identification

Citation	JVM-3 (Cell line) Cytion: 305266
Biosafety level	1

CellosaurusAccession CVCL_1320

[illegible]

Mutational profile p.Pro1435Leu p.Lys601Asn

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Culture Medium RPMI 1640 + 2.0 mM L-glutamine + 2.0 mM NaHCO₃ (Gibco Cat# 820700a) + penicillin

Supplements □□□□□ 10% □□ FBS □□□□□□ □□□□□□□□ □□□ □□□□□

Dissociation Reagent ()

Doubling time ~ 30 min

Subculturing $2-5 \times 10^5$ / $2-3$

Split ratio 1 3

Seeding density 3×10^5 seeds/m²

Fluid renewal ☒ ☒☒☒☒ ☒☒☒ 3 ☒☒☒

Freeze medium α MEM + 10% FBS + 10% DMSO

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**Thawing and
Culturing Cells**

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2. XXX XXXXXXXX XXX XXXXX XXXXXXXX XXXXXXXX XXX XXXXX XXX XXXX XXXXXXX XXX XX-150 XXXX XXXXX XXXXX XXXXXXX XXX XXX
3. XXXXXXXX XXXXXXXX XX XXXXXXX XXXXXXXX XXXXX XX XXXX XXXXX XX XXXXX XXXX XXXXX XXXXX 37 XXXX XXXXX XXXXX XXXXX XXX
4. XXXXX XXXX XXXXXXX XXXXXXX XX XXXX XXXXX XX XXXX XXXXXXX XX XXXXX XXXXXXXX XXXXXXX XXXXX 70% XX XXXXXXXX XXX
5. XXXX XXXXXXX XXXXXXX XXXXXXX XXXXX XXXX XXXXXXX XXX XXXXX XXX XXXXX XXX 15 XX XXXXX XXX 8 XX XX XXX XXXXXXX XXX
6. XXXX XXXXXXX XXXXXXX XXXXXXX XXX 300 × XX XXXX 3 XXXXX XXXX XXXXXXX XXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXX XXXXX XXX
7. XXXXX XXXXX XXXXX XXXXXXX XXXX XX 10 XX XX XXX XXXXX XXXX. XXXXXXX XXXXXXXX XXXXXXXXXX XX XXXXXXX XXXXXXX XXX XXXX
8. XXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXX XX XXXXXXX XXXXXXX XXXXX XXX XXXXX XXXXX XXXX

**Incubation
Atmosphere**

37 XXXX XXXXXXXXXX XX XX XXXX
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**Shipping
Conditions**

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**Storage
Conditions**

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