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XXXXXX XXXXXX

Description	Wilms tumor (WT) is a pediatric cancer of the kidney. It is characterized by the presence of a Wilms tumor protein (WT1) gene mutation. The WT1 gene is a tumor suppressor gene, and mutations in this gene can lead to the development of Wilms tumor. The WT1 gene is located on chromosome 12p13.3. The WT1 gene is a member of the zinc finger protein family. The WT1 gene is expressed in the developing kidney. The WT1 gene is also expressed in the developing brain, heart, and lung. The WT1 gene is a transcription factor. The WT1 gene is involved in the regulation of gene expression. The WT1 gene is a target of the p53 tumor suppressor protein. The WT1 gene is a marker for Wilms tumor. The WT1 gene is a prognostic factor for Wilms tumor. The WT1 gene is a therapeutic target for Wilms tumor. Wilms tumor (WT) is a pediatric cancer of the kidney. It is characterized by the presence of a Wilms tumor protein (WT1) gene mutation. The WT1 gene is a tumor suppressor gene, and mutations in this gene can lead to the development of Wilms tumor. The WT1 gene is located on chromosome 12p13.3. The WT1 gene is a member of the zinc finger protein family. The WT1 gene is expressed in the developing kidney. The WT1 gene is also expressed in the developing brain, heart, and lung. The WT1 gene is a transcription factor. The WT1 gene is involved in the regulation of gene expression. The WT1 gene is a target of the p53 tumor suppressor protein. The WT1 gene is a marker for Wilms tumor. The WT1 gene is a prognostic factor for Wilms tumor. The WT1 gene is a therapeutic target for Wilms tumor.
Organism	Human
Tissue	Kidney
Disease	Wilms tumor
Applications	Research, diagnosis, prognosis, treatment

XXXXXXXXXXXX

Age	8 细胞系
Gender	细胞系
Ethnicity	细胞系
Morphology	细胞系 细胞系
Cell type	细胞系 细胞系
Growth properties	细胞系

Citation	Wilms8 (XXXXX XXXXXX Cytion 300416)
Biosafety level	1
NCBI_TaxID	9606

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CellosaurusAccession CVCL_A5SJ

XXXXXXXX XXXX-XXXXXXXXXXXX

Mutational profile XXXXX XXXXX WT1: XXXXXXXXXXXX c.1168C>T, p.390x, LOH: , XXXXX XXXXX CTNNB1: XXXXXXXXXXXX TCT>GCT, p.S45A

XXXXXX

Culture Medium XXXX MSCGM (XXXX Lonza)

Dissociation Reagent XXXXXX

Subculturing XXX XX XXXXXX XXXX XXXXXX XXXXXXX XXXXX XXXX X-PBS XXX XXXXX XXXXXXX. XXXXX XXXXXXX T25, XXXXX X-3-5 X' X-PBS, XXXXX XXXX 3 XXXX. XXXXX XX XXXXXX XXXXXXX, XXXXX XX XXXXXX XXXXXXX XXXXXXX XXX XXXXXX XXXXX XXXXX XXXXXXX XXXXXXX XXXX.

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXX XXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXX XXXX XXXXXXX, XX C

Thawing and Culturing Cells

1. XXX XXXXXXX XXXX XXXX XXXXXXX XXX XXXXX, XXX XXXXX XXXXXXX XXXX XXX XXX XXXXX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
2. XX XXXX XXXXXXX, XXXX XX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX X-150°C XXX XXXXXXX XX XXXXX XXXXX XXXXXXX, XX XXXX
3. XXXXX XXXXX XXXXXXX, XXXXX XX XXXXXXX XXXXXXX XX XXX XXXXXXX XXXXX XXX XXXXXXX XXXXX XX 37 XXXXX XXXXXXX XX XXX XXX
4. XXX XX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XXXXX XX XXXXXXX XXXXXXX XXXXXXX 70% XXXX XXXXXXX.
5. XXX XXXXXXX XX XXXXXXX XXXXXXX XXXXX XX XXXXX XXXXX XXXXXXX XXXXXXX XXXXX 15 X'X XXXXX 8 X'X XX XXX XXXXXXX XXX
6. XXXXX XX XXXXXXX XXXXXXX XXXXXXX X-300 x g XXXX 3 XXXX XXX XXXXXXX XX XXXXXXX, XXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXX XX
7. XXXXX XXXXXXX XX XXXXX XXXXXXX X-10 X'X XX XXX XXXXXXX XXX. XXXXX XXXXX XXXXXXX, XXXXX XX XXXXXXX XXXX XXX XXXXXXX XXXXX T2
8. XXXXXXX XX XXXXXXX XXXX-XXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

Incubation Atmosphere 37°C, 5% CO₂, XXXXXXX XXXX

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[illegible]

Temperature: -78°C

[illegible]

XXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXX

[illegible]

A*: '02:01:01, '03:01:01
B*: '15:01:01, '37:01:01
C*: 04:01:01, 06:02:01
DRB1*: '08:01:01G, '11:01:01
DQA1*: 04:01:01, 05:05:01
DQB1*: '03:01:01, '04:02:01
DPB1*: '03:01:01, '06:01:01
E: 01:03:02