

LMH | 601411

Genetic Information

Description LMH, *Leghorn*, *Leghorn*, *Leghorn* (Cytion 601411). Tomoyuki Kitagawa et al. (2016) identified LMH as a novel mutation in the *ATPase* gene. LMH is a recessive mutation that causes a severe form of deafness in Leghorns. The mutation is located in the *ATPase* gene, which is responsible for the production of ATP. LMH is a mutation in the *ATPase* gene, which is responsible for the production of ATP. LMH is a mutation in the *ATPase* gene, which is responsible for the production of ATP. LMH is a mutation in the *ATPase* gene, which is responsible for the production of ATP.

Organism *Leghorn*

Tissue *Leghorn*

Disease *Leghorn*

Applications *Leghorn*

Synonyms *Leghorn*

Physical Characteristics

Breed/Subspecies *Leghorn*

Age 16 weeks

Gender *Leghorn*

Morphology *Leghorn*

Growth properties *Leghorn*

Genetic Information

Citation LMH (Cytion 601411)

Biosafety level 1

NCBI_TaxID 9031

LMH | 601411

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium.
3. Seed the cells into a 96-well plate (15 µl per well). Incubate at 37°C with 5% CO₂.
4. After 24 hours, the cells should be visible. Replace the medium with fresh medium.
5. Harvest the cells after 48-72 hours. Use a flow cytometer to analyze the cells.
6. The cells should be in the G0/G1 phase of the cell cycle.
7. The cells should be highly proliferative.
8. The cells should be highly sensitive to apoptosis.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating None

Freezing Procedure Harvest cells into a 15 ml centrifuge tube. Add 1 ml of freezing medium. Spin at 300 x g for 3 minutes. Resuspend in 100 µl of freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C. Ship on dry ice.

Storage Conditions Store at -150°C for 196 weeks. Store in a liquid nitrogen vapor phase.

HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR screening is performed on all samples.