

Kras G12D/p53/Keap1 Murine Cell Line (HHMI/MIT)

This Kras G12D/+; p53 -/-, Keap1 -/- murine cell line can be used to study KEAP1 mutant tumor growth in cancers with NRF2 activation.

This is a mutant isogenic clonal cell line on a genetic background KrasG12D/+; p53-/-, Keap1 -/-. The addition of mKeap1 cDNA was achieved by cloning mouse Keap1 cDNA into Gibson compatible lentiviral backbone with hygromycin resistance cassette.

References

1. Ding et al. , <https://pmc.ncbi.nlm.nih.gov/articles/PMC8598006/#sec9>

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