

[Cell Lines](#) [FXTAS](#) [Publication](#)

# FMR1 conditional KO clone F17

## IDENTIFICATION

Causal gene(s)	FMR1
Repeat size or mutation	hESC conditional FMR1 knockout
Cell type	hESC

## DONOR INFORMATION

Donor gender	Male
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## SOURCE & PUBLICATIONS

Originating lab / institution	Stanford University School of Medicine
Links to publications or public resources	<p>The fragile X mutation impairs homeostatic plasticity in human neurons by blocking synaptic retinoic acid signaling - PubMed <a href="https://pubmed.ncbi.nlm.nih.gov/30068571/">https://pubmed.ncbi.nlm.nih.gov/30068571/</a></p> <p>Cell-type-specific profiling of human cellular models of fragile X syndrome reveal PI3K-dependent defects in translation and neurogenesis - PubMed <a href="https://pubmed.ncbi.nlm.nih.gov/33852833/">https://pubmed.ncbi.nlm.nih.gov/33852833/</a></p>