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CRISPR/Cas9 genome editing

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We use this protocol and it's working

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Abstract

This protocol describes the generation of DNAJC5 KO using CRISPR/Cas9 edition

CRISPR/Cas9 genome editing

1 gRNA targeting exon 4 of DNAJC5 (CACC GGAG GCCG CAGA AGAC AAAC A) was inserted into a
pX330-based plasmid expressing Venus fluorescent protein

2 HEK293T cells were transfected with pX330-pX330-Venus-DNAJC5-Exon4-gRNA by Lipofectamine 2000 followed the commercial protocol by Thermo Fisher.

3 After 48 hr, we diluted the cells and single colonies were isolated from 96-well plate, expanded, and determined for DNAJC5 KO by immunoblot.