Cell Lines MSA/OPCA Publication

MSA-A26, A31, A34 (MSA-C)

IDENTIFICATION

Causal gene(s)	?
Repeat size or mutation	COQ2 mutation exon 7 c.[1159C > T]; [1178T > C] p. [R387*]; [V393A]
Cell type	hiPSC

DONOR INFORMATION

Donor gender	Male
Ethnicity	Japanese
Age at disease onset (years)	44
Age at collection (years)	61

SOURCE & PUBLICATIONS

Originating lab / institution	University of Tokyo/Keio University School of Medicine
Links to publications or public resources	The pathogenesis linked to coenzyme Q10 insufficiency in iPSC-derived neurons from patients with multiple-system atrophy - PMC https://pmc.ncbi.nlm.nih.gov/articles/PMC6155102/