

[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/ |