TBC1D24: Mutations in the TBC1D24 gene can cause individuals to have epilepsy, deafness, shortened nails, fingers, and toes. Mutations in this gene also cause hypotonia (low muscle tone), and developmental delays in babies and toddlers, continuing throughout adulthood. There is a wide spectrum of severity, ranging from the mild Familial infantile Myoclonic Epilepsy with normal intellect to the severe and early death causing EIEE 16.

The TBC1D24 Foundation, with funding from generous donors, is accepting applications for one grant of $103,546 for scientific and/or clinical research studies related to natural history, treatment and research. Consideration will be given to applicants in the field of neurology, genetics and behavior. This grant is offered to encourage meritorious scientific and clinical studies designed to improve the diagnosis or therapy of individuals with a TBC1D24 gene mutation. Proposals that focus on defining the natural history, early detection and diagnosis, or novel treatment strategies will be given priority.