GULAIS

The time course and impacts of TDP-43 loss on stathmin-2 gene expression, protein abundance, Golgi apparatus morphology, neurite outgrowth, and response to proteotoxic stress in human induced pluripotent derived motor neurons

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- and functional impact within motor neurons
- system observing neurite outgrowth after injury.
- nucleus due to MG132 induced proteotoxic stress, Stathmin-2 protein is lost from neurites.

- Melamed et al., 2019)
- Ehlers, 2003)
- al. Fujita and Okamoto, 2005)









despite TDP-43 loss. D) Stathmin-2 is returned to the neurites despite TDP-43 loss when the Stathmin-2 rescue ASO is added at all dose points. E) GM130+ golgi is returned to neurites with the Stathmin-2 rescue is added at all dose points

