Academic Review - Neurodevelopmental encephalopathy, from mutant protein to a spectrum of phenotypes.

Many thanks for the opportunity to read through your proposal. Bravo to the author and their team for this comprehensive grant proposal.

I have two general suggestions for improvement, apart from those left in tracking comments on the manuscript:

1. In many cases, it was not clear to me what you are referring to when you say, for example, “the disorder” as it seemed that you went back and forth between talking about neurodevelopmental disorders in general and epilepsy specifically. I suggest that the author specifies more precisely what they are referring to so that the reader does not have to work to figure it out (specific instances are cited in the document).
2. I find that the authors could underline the significance of their research more comprehensively. The impact of the research could be defined more quantitatively, for example, by citing the number of future patients you are expecting to affect, the economic burden, or the quality of life. Both the importance of the research itself for epilepsy and other neurodevelopmental disorders can be emphasized. In order to facilitate this, the “Gap of Knowledge” section could be strengthened more to highlight the contribution of the valuable you are completing in the proposal.

Otherwise, please see my specific comments referring to particular cases throughout your proposal.