



Supplementary Figure 1 Histological and immunohistochemical (IHC) analyses of peripheral nervous system phenotype. Standard hematoxylin-eosin staining (HE) was performed on all peripheral nervous system tissue sections. IHC staining using antibodies against the proliferative marker (Ki67), activated *Pi3k/Akt* signaling by phospho-Akt (pAkt), activated *Ras/Mapk/Erk* signaling by phospho-Erk1/2 (pErk) and the Schwann cell/oligodendrocyte lineage marker (Olig2). Representative peripheral nervous system tissues taken from *Dhh-Cre; Pten^{lox/flox}* ($\Delta Pten$) and wild-type FVB/N (FVB) animals. Scale bars, 100 μm .