



**Existing Knowledge:**

*Sst-IRES-Cre* labels the majority of the SST CINs; very few CINs in the *Sst-IRES-Cre* lineage express PV in adulthood.

**Hypothesis:**

In the immature neocortex (before PV expression begins at ~14 days), *Nkx2.1-Cre* lineage CINs that are SST negative have high a likelihood to become PV CINs

**Figure 3 – figure supplement 1. Schema depicting the hypothesis behind candidate PV IN marker discovery**

In Pai et al., 2019, we fate-mapped the *Sst-IRES-Cre* lineage and discovered that >90% of *Sst-IRES-Cre* labeled CINs remain to be SST-expressing in adulthood. Very few *Sst-IRES-Cre* CINs become PV-expressing. We hypothesize that the MGE-derived immature CINs that are SST-negative have a high likelihood to become PV CINs.