## **Supplemental Information Inventory**

Figure S1, Related to Figure 1: Embryonal carcinomas derived from iPS or ES p53-/cells respond Omomyc<sup>ER</sup> activation while differentiated tissues can tolerate MYC blockade.

Figure S2, Related to Figure 2Pathological characterization of iPS-derived brain tumors.

Figure S3, Related to Figure 4. Additional analyses of metabolic changes in PNETs.