



**Supplementary Fig. 9.** Schematic representation of the molecular mechanisms involved in the occurrence and development of lower-grade glioma (LGG) involving SMS. DC : dendritic cells, pDC : plasmacytoid dendritic cells, ERK : extracellular signal-regulated kinase, AKT : protein kinase B, mTOR : mechanistic target of rapamycin, TF : transcription factor, EMT : epithelial to mesenchymal transition.