

CASC11

Jin et al., found that lncRNA CASC11 was significantly up-regulated in the glioma specimens and cells, and the ectopic overexpression indicated the poor prognosis of glioma patients. CASC11 expression could be activated by the [SP1 transcription factor](#). In vivo and vitro, the [knockdown](#) of CASC11 impaired the proliferation, migration and tumor growth of glioma cells. In mechanical experiments, the [miR 498](#) was found to target the 3'-UTR of lncRNA CASC11 and FOXK1 mRNA. Taken together, the data suggest the regulation of SP1/CASC11/miR-498/FOXK1 in the gliomagenesis, which might provide a potential therapeutic strategy for glioma ¹⁾.

¹⁾

Jin J, Zhang S, Hu Y, Zhang Y, Guo C, Feng F. SP1 induced lncRNA CASC11 accelerates the glioma tumorigenesis through targeting FOXK1 via sponging miR-498. Biomed Pharmacother. 2019 May 20;116:108968. doi: 10.1016/j.biopha.2019.108968. [Epub ahead of print] PubMed PMID: 31121483.

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