Reviewer’s report

Title: Increased Paired Box Transcription Factor 8 has a Survival Function in Glioma

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Reviewer: Giovanny Pinto

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Gliomas are the most common tumors of the CNS and in most cases refractory to treatment. Hung et al. have extensively examined the role for PAX8 gene in gliomagenesis. In a well designed experiment the authors show that The suppression of PAX8 is associate with a reduction in both cell growth and BCL2, suggesting that a reduction in PAX8 expression would sensitize tumors to cell death.

I support the publication of the work in its present form since it presents novel findings within a highly specialized topic in the most lethal and frequent primary brain tumors.

PAX8 is increased in the majority of glioblastomas and promoted cell survival. Because PAX8 is absent in normal brain tissue, it may be a promising therapeutic target pathway for treating aggressive gliomas.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.