Reviewer’s report

Title: Relation of LAT1/4F2hc expression with pathological grade, proliferation and angiogenesis in human gliomas

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Reviewer: e. antonio Antonio chiocca

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Zhen et al. hypothesize that 4F2hc, a cell surface glycoprotein, that complexes with LAT (Na-independent L-type aa transporter), colocalizes with LAT, is over-expressed with increasing glioma grade and associates with vascular proliferating areas. They are able to show this primarily by immunohistochemical methods of a large series of tumors. The findings are reasonable and convincing.

Some minor revisions:
1- Table 1 could be reinforced with statistical tests of significance added to it.
2- Figure 3- Low grade gliomas should have no MVD (this distinguishes low from high grade tumors). How come there was no difference in MVD between low and high grade?
3- Figure 3- If LAT-1 associates with MVD but 4F2hc does not, does this mean that not all LAT-1 complexes with 4F2hc?

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

no conflicts