Reviewer’s report

Title: Ephrin-A1 Inhibits NSCLC Tumor Growth via Induction of Cdx-2 a Tumor Suppressor Gene

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Reviewer: Tommaso Dragani

Reviewer’s report:

The manuscript of Sukka-Ganesh et al., describes results of an in vitro study that has been carried out in a single cell line (A549) on Ephrin-A1 effects. The authors over-expressed Ephrin-A1 by transfection of a recombinant vector and over-expressed and silenced EphA2, which is the primary Ephrin-A1 receptor. They found that EphA2 activation by ephrin-A1 induces tumor suppressor gene cdx-2, which attenuates tumor cell proliferation. Overall, the study is well conducted and the results support the conclusion. A limitation of the study is represented by the single cancer cell line that has been used.

Minor points:
p.6, last line: 100 nM, not 100nm.

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.