***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
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These details pertaining to the standard xenograft assay is available in the materials and methods under the relevant section of Tumor Forming Assay in mice and histochemistry.

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(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

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These details pertaining to the sc-RNAseq experiment are available as Supplementary data Tables 1, 2, 3**.** Raw, analyzed and meta data are available in Gene expression omnibus (GEO GSE171772), as mentioned in the materials and methods under Single Cell RNAseq and data analyses.