



S3 Fig. Expression of selected markers of resident stem/progenitor cells in tubuloids. (A) Proteomic heatmap for Six2, Prom1 and Pax2 in both early (OEP) and long-term (OLP) passage tubuloids in comparison to freshly isolated Epcam-positive kidney epithelial cells (control kidney, CK). (B) Immunohistochemistry for Sox9 in both early (OEP) and long-term (OLP) passage tubuloids. Data information: in A, the heatmap shows normalized log2 intensity values for three independent replicates of CK, OEP and OLP. A 5% FDR (adjusted P-value < 0.05) cutoff and a log2 fold change cutoff of > 0 were applied for both OEP over CK and OLP over CK. For Six2, OLP over CK values were not significant in a pairwise comparison. The values were scaled (z-score by row) with breaks from ≤ -2 to ≥ 2 . Scale bars in B, 100 μ m. A positive ctrl used, high-Wnt and high-Met mouse mammary gland tumors. Nuclei are counterstained with haematoxylin. One independent replicate per condition was examined.