Supplementary Materials for

Widespread Distribution of Luteinizing Hormone/Choriogonadotropin Receptor in Human Juvenile Angiofibroma: Implications for a Sex-Specific Nasal Tumor

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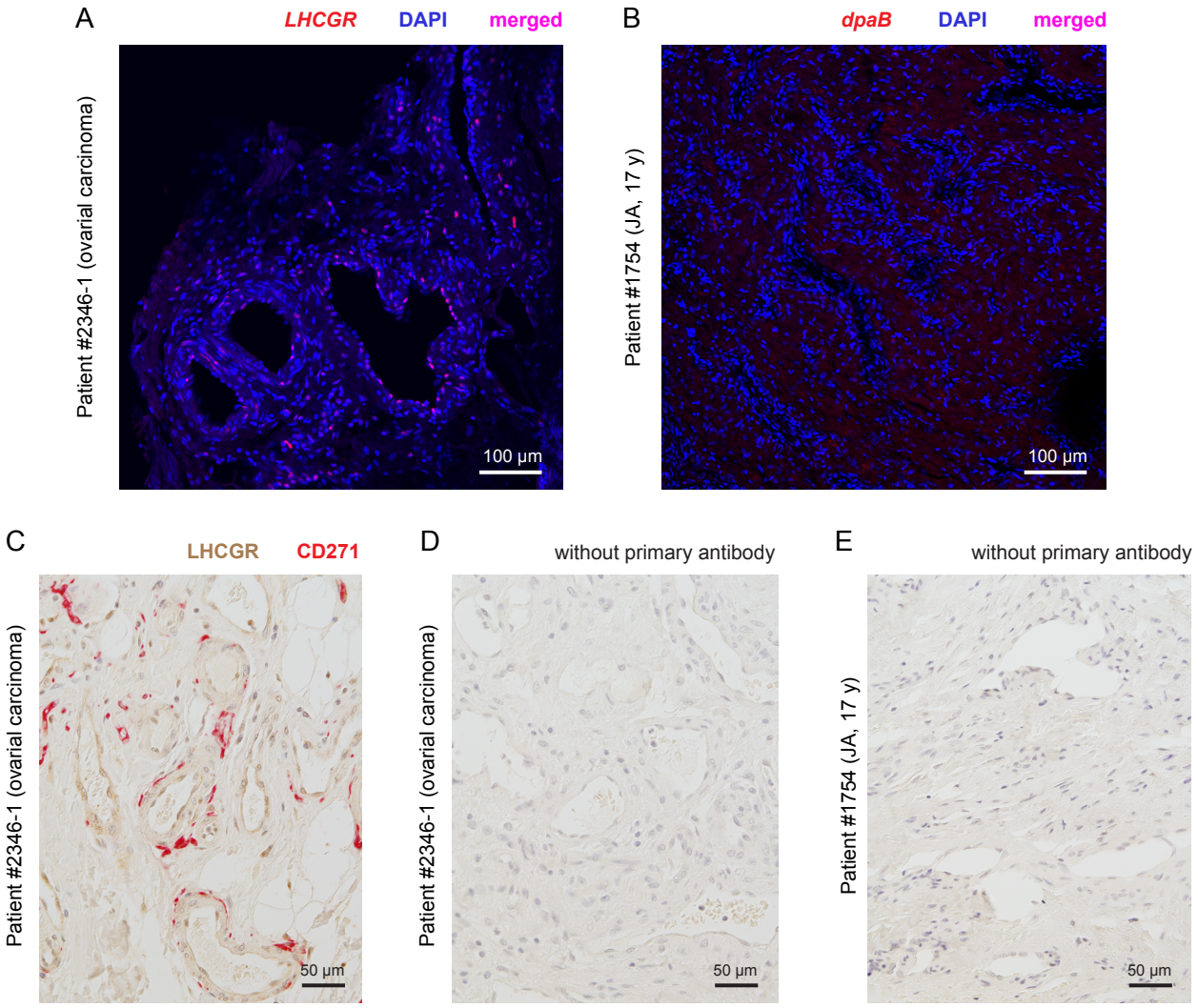


Figure S1. Validation of RNAscope and immunohistochemistry experiments. (**A**) RNAscope positive control for *LHCGR* on an ovarian tissue section from an ovarian carcinoma patient (#2346-1). *LHCGR*$^+$ cells (*red*) are visible. DAPI (*blue*) indicates the location of nuclei. (**B**) RNAscope negative control reaction using a tissue section from JA patient #1754. The RNAscope negative control was a channel 1 probe for the *dapB* gene of Bacillus subtilis strain SMY provided by the manufacturer (Cat#320871, ACD Bio-Techne). No specific staining was detected. DAPI indicates the location of nuclei. RNAscope controls of the examples depicted in A and B were performed on the same day and with the same solutions except for the used probe. *LHCGR* RNAscope labeling from the same patient is depicted in Figure 2J - L. (**C**) As a positive control for the immunohistochemical experiments, an ovarian tissue section from the same patient (#2346-1) as in A was used. LHCGR$^+$ (*brown*), CD271$^+$ (*red*). (**D**) Negative control from the same tissue as in C. Both LHCGR and CD271 primary antibodies were omitted resulting in no signal for these probes. The tissue sections of C and D were performed on the same day and with the same solutions except for the presence of the primary antibodies. (**E**) Negative control in a tissue section from JA patient #1754, in which both LHCGR and CD271 primary antibodies were omitted resulting in no signal. A positive control from the same patient using anti-LHCGR is depicted in Figure 4G. (C - E) Nuclei are stained using hematoxylin.