



Supplementary Figure S1. Immunofluorescence for SOX2.

Upper row. Microphotograph showing an atypical meningioma (grade 2) after nuclear staining with DAPI (blue). SOX2 (red) localizes in the cell nuclei. Original magnification 40x. *Middle row.* Microphotograph showing an anaplastic meningioma (grade 3) after staining with anti-SOX2 antibody (red) and with the antibody against the epithelial membrane antigen (EMA), a cell marker for meningioma (green). Most of the tumor cells express SOX2 in their nuclei (DAPI, blue). Original magnification 40x. *Lower row.* Microphotograph showing an anaplastic meningioma (grade III). Some tumor cells have lost their EMA expression as de-differentiation process. Original magnification 40x.