

Supplementary Table 1. Scoring system for semiquantitative assessment of the investigated parameters

| Parameter | Score | | | |
|--|-------------|---|---|---------------------------------------|
| | 0 | 1 | 2 | 3 |
| Desmoplastic stroma reaction | None | Low | Moderate | Stroma area >50% of the tumor area |
| Inflammatory reaction | None | Few inflammatory cells | Moderate | Distinct inflammatory reaction |
| Predominant mode of invasion | NA | Pushing borders | Solid cords | Detached islands/dissemination |
| Stromal ASMA | No staining | Focal positivity | Partial positivity and/or positivity of the invasive borders | Stroma more or less complete positive |
| Vascular ASMA | No staining | Few positive vessels | Partial positivity of vessels | Vessels more or less all positive |
| E-cadherin (cytoplasmic/ membranous) | No staining | Few areas and/ or low staining intensity | Partial positivity <30% of tumor area, moderate staining intensity | Positivity >30% of tumor area |
| N-cadherin | No staining | - | - | Staining detectable |
| Laminin gamma 2 chain (stromal/cytoplasmic) | No staining | Focal positivity | Partial positivity and/or positivity of the invasive borders | Tumor cells more or less all positive |
| CD163 | No staining | Few positive cells | Many positive cells | NA |

ASMA, alpha smooth muscle actin; NA, not applied.