Supplementary Table 1: Evaluation of RAB27A expression as a predictor for poor survival. Hazard ratios of clinical factors as well as RAB27A expression for overall survival. RAB27A was dichotomized along the median (RAB27A ≤ 35) and along a previously described cutoff value (RAB27A ≤90)15,16.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **RAB27A low (≤35)** | | | | **RAB27A high**  **(>35)** | | | |
|  | n= 75 | HR | 95% CI | p | n=74 | HR | 95% CI | p |
| **AGE  >65 vs ≤65** | 44/31 | 1,51 | 0,91 – 2,51 | 0,11 | 41/33 | 1,41 | 0,84 – 2,37 | 0,20 |
| **SEX F vs. M** | 33/42 | 1,05 | 0,64 – 1,73 | 0,84 | 33/41 | 1,03 | 0,62 – 1,71 | 0,92 |
| **T3-4 vs T1-2** | 71/4 | 0,74 | 0,27 – 2,07 | 0,57 | 68/6 | 0,76 | 0,27 – 2,12 | 0,60 |
| **N pos vs. neg** | 53/22 | 1,41 | 0,80 – 2,47 | 0,23 | 49/25 | 1,27 | 0,72 – 2,24 | 0,41 |
| **M pos vs. neg** | 2/68 | 0,87 | 0,21 – 3,59 | 0,85 | 4/64 | 0,84 | 0,20 – 3,49 | 0,81 |
| **G3-4 vs G1-2** | 37/37 | 1,54 | 0,93 – 2,56 | 0,94 | 31/41 | 1,44 | 0,86 – 2,42 | 0,16 |
| **R pos vs. neg** | 48/45 | 1,15 | 0,69 – 1,91 | 0,61 | 24/47 | 1,10 | 0,65 – 1,85 | 0,72 |
| **Adjuvant**  **Yes vs No** | 30/45 | 0,73 | 0,44 – 1,23 | 0,24 | 44/31 | 0,71 | 0,42 – 1,20 | 0,20 |

Suplementary Figure 1: Kaplan Meier curves of the subgroups of patients with high and low RAB27B with or without adjuvant chemotherapy. P values were calculated using the log rank test.

