

Supplementary TABLE 4: Univariate COX regression analysis of genes within the TGFB pathway in both cohorts.

| Gene | Local-SCLC | | | George-SCLC | | |
|-----------------|------------|-----------|----------|-------------|-----------|----------|
| | HR | 95%CI | pvalue | HR | 95%CI | pvalue |
| TGFBR2 | 0.080023 | 0.02-0.36 | 0.000992 | 1.090708 | 0.59-2.02 | 0.783032 |
| TGFB1 | 0.11157 | 0.03-0.49 | 0.003669 | 0.725363 | 0.39-1.34 | 0.307455 |
| SMURF1 | 0.151632 | 0.05-0.48 | 0.001293 | 0.649213 | 0.35-1.21 | 0.175586 |
| PRKCZ | 0.197115 | 0.06-0.61 | 0.004775 | 0.629353 | 0.34-1.17 | 0.142656 |
| RPS27A | 0.22354 | 0.08-0.66 | 0.006313 | 0.853177 | 0.46-1.59 | 0.618443 |
| UBA52 | 0.295861 | 0.11-0.82 | 0.018674 | 1.14953 | 0.62-2.13 | 0.657644 |
| TGFBR1 | 0.300096 | 0.11-0.85 | 0.023744 | 0.83349 | 0.45-1.54 | 0.562009 |
| RHOA | 0.351258 | 0.13-0.97 | 0.044179 | 1.177611 | 0.64-2.18 | 0.603197 |
| FKBP1A | 0.359114 | 0.13-1 | 0.049219 | 2.300245 | 1.19-4.44 | 0.013137 |
| F11R | 0.384509 | 0.14-1.04 | 0.058533 | 1.118657 | 0.61-2.07 | 0.720606 |
| UBC | 0.418293 | 0.15-1.17 | 0.096284 | 1.042809 | 0.56-1.94 | 0.894791 |
| PARD6A | 0.443732 | 0.17-1.17 | 0.100128 | 0.985119 | 0.53-1.83 | 0.962012 |
| ARHGEF18 | 0.446151 | 0.17-1.19 | 0.107546 | 0.301425 | 0.15-0.6 | 0.000557 |
| CGN | 0.545439 | 0.21-1.41 | 0.210962 | 0.774417 | 0.42-1.43 | 0.41569 |
| UBB | 0.643221 | 0.25-1.66 | 0.363088 | 1.013048 | 0.55-1.8 | 0.967038 |
| PARD3 | 1.074953 | 0.43-2.71 | 0.878393 | 0.60044 | 0.26-1.36 | 0.222132 |