

Supplemental Table 2. Survival Association of individual PAM50 Genes in TGCA Adenocarcinoma Data (P < 0.1)					
Gene	Percent with Increased Expression	z-Score Cutoff	Median OS (mos.) Cases with Increase	Median OS (mos.) Cases without Increase	P Value
ANLN	22.9	+1.5	28.4	52.6	0.000013
MKI67	10.6	+1.5	34.3	49.2	0.000019
NDC80	12.1	+2.0	20.5	46.7	0.0008
CCNB1	8.4	+1.5	26.5	49.2	0.0008
EXO1	6.9	+2.0	21.8	46.7	0.001
CCNE1	9.6	+1.5	34.3	49.0	0.005
CDC20	7.0	+2.0	28.1	46.7	0.0034
BIRC5	10.2	+2.0	28.1	46.7	0.0048
KRT5	2.1	+2.0	8.7	44.6	0.0056
KRT17	3.2	+2.0	8.8	44.6	0.0076
UBE2C	13.1	+1.5	28.6	49.2	0.0017
CDH3	6.5	+1.5	25.5	47.8	0.010
FGFR4	7.6	+1.5	35.3	47.8	0.013
MELK	7.9	+2.0	20.5	45.3	0.015
TYMS	13.2	+2.0	21.9	46.7	0.021
CENPF	9.6	+1.5	34.3	49.2	0.017
RRM2	13.1	+1.5	32.8	49.2	0.033
PTTG1	8.4	+1.5	24.0	47.8	0.034
EGFR	13.1	+2.0	32.4	44.6	0.043
FOXA1	17.6	+1.5	49.2	42.3	0.049
MYC	12.7	+1.5	35.3	46.7	0.075
SLC39A6	10.6	+1.5	110.4	42.5	0.097
CDC6	14.1	+1.5	34.3	49.2	0.098