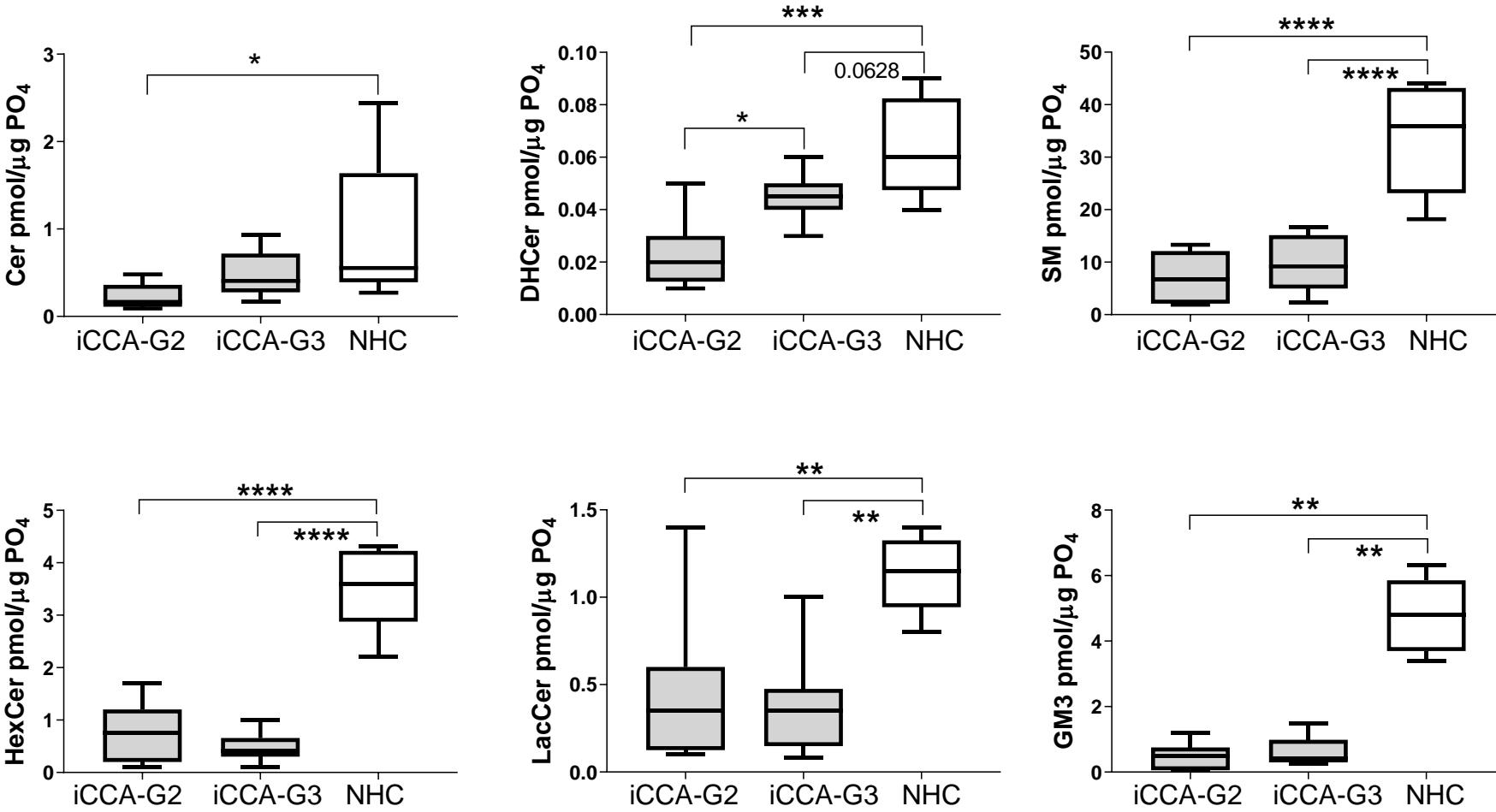
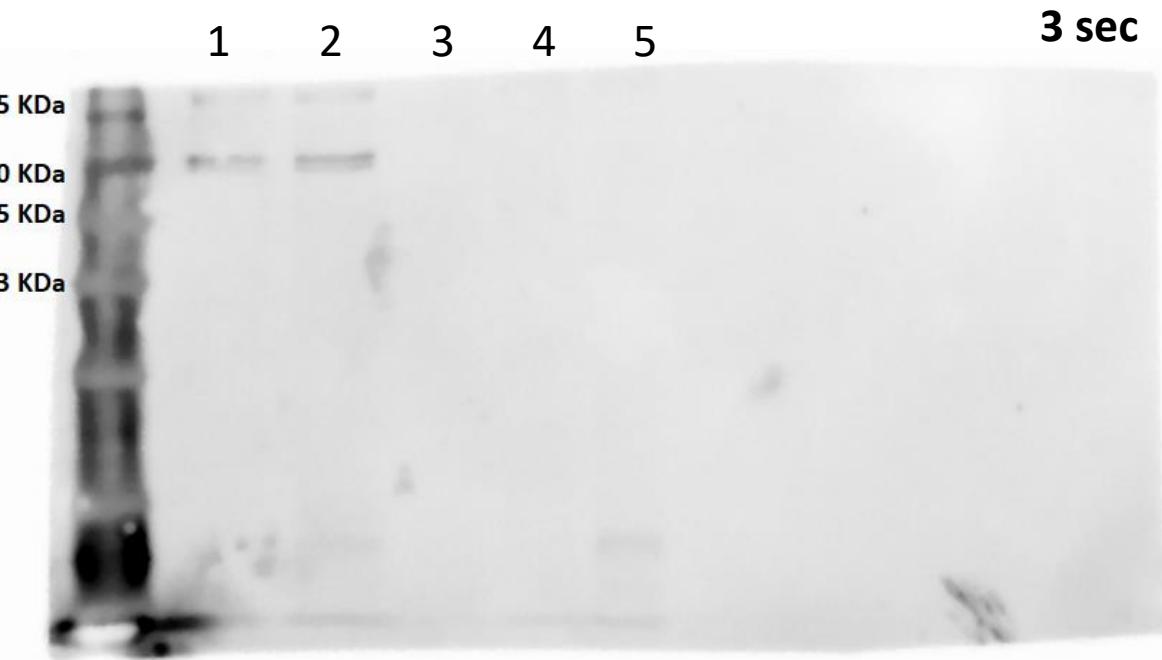


Supplementary figure 1. Cytokeratin 19 (CK19) expression on representative iCCA patients-derived cell cultures

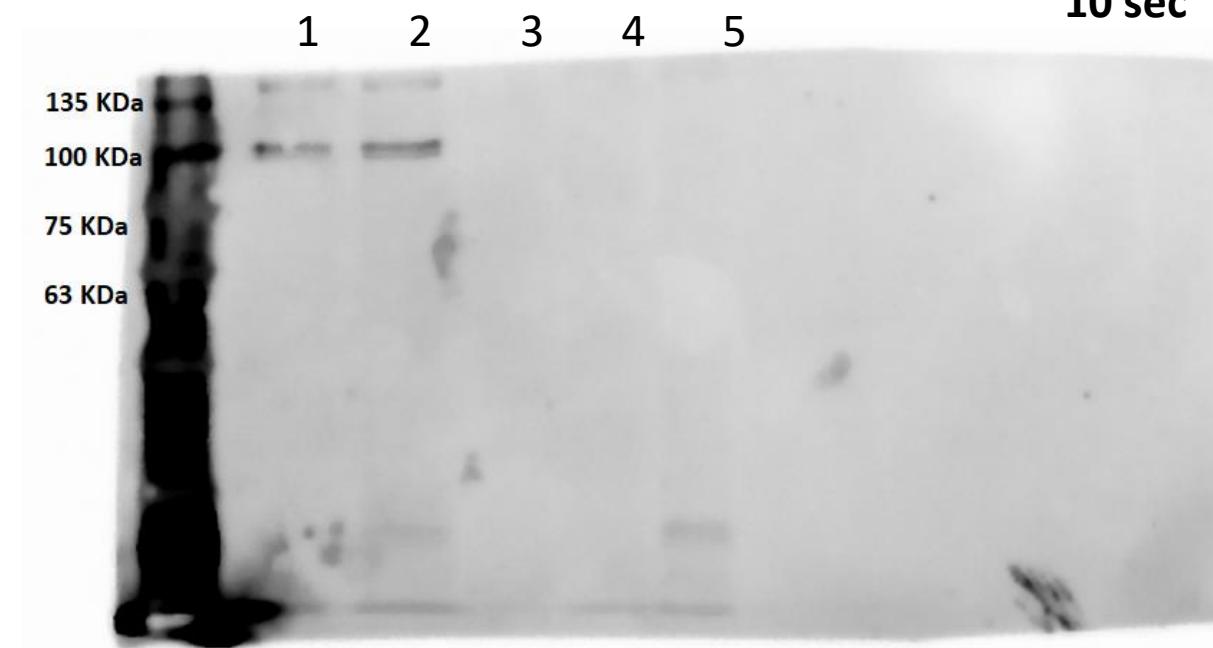


Supplementary Figure 2. EV-SPL expression in iCCA-G2, iCCA-G3 and NHC. iCCA samples were stratified according to tumor grade. G2, moderately-differentiated tumors (n = 8); G3, poorly-differentiated tumors (n = 8). Middle bars represent median values; box plots are 25% and 75% percentiles; whiskers are minimum and maximum values.

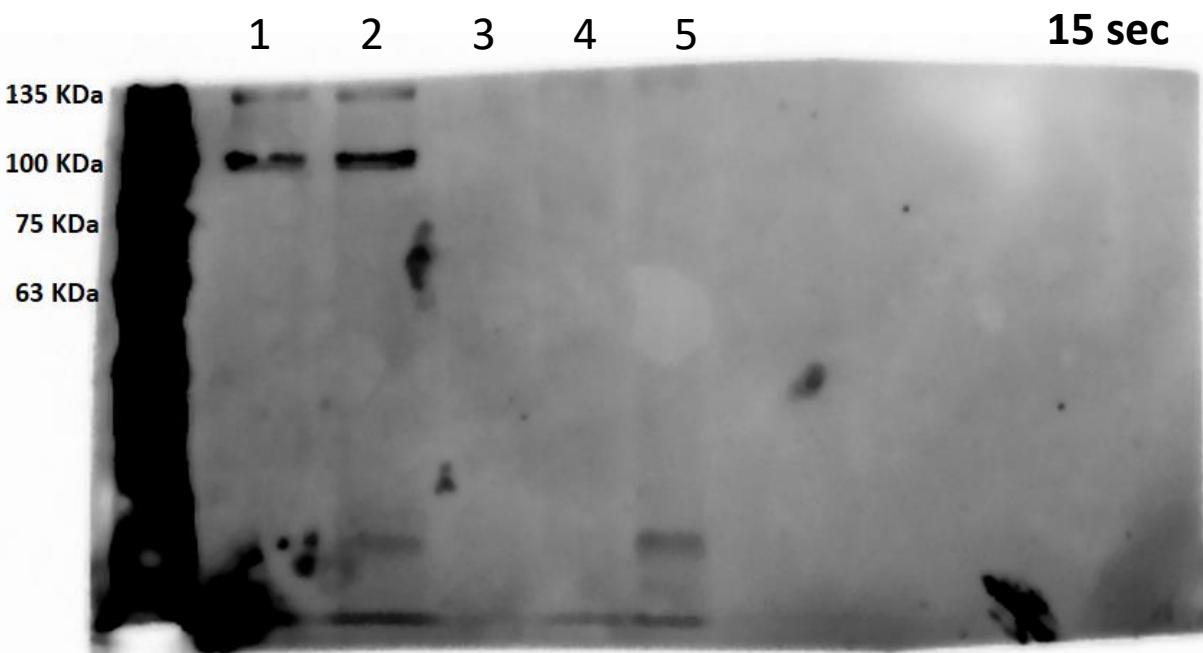
*p <0.05, **p <0.01, ***p <0.001, ****p<0.0001. The one-way ANOVA and Tukey's multiple comparisons tests were used to compare data except for GM3 in which Dunn's multiple comparisons test was used.



3 sec



10 sec



15 sec

Supplementary Figure 3. Original, uncropped blots shown in figure 1 at multiple exposures (3, 10 and 15 seconds). lane 1= 15 μ g protein extract from primary iCCA cell line; lane 2= 15 μ g protein extract from NHC; lane 3-4 and 5= 5 μ g protein extract from primary iCCA cell lines.