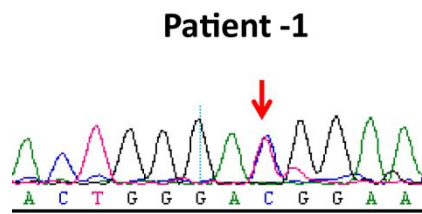
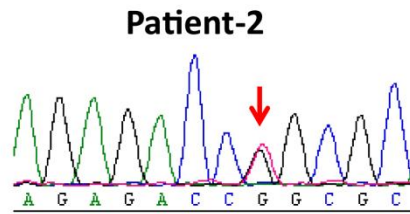


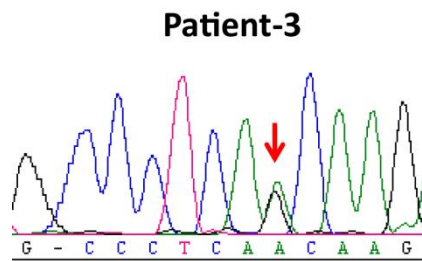
Supplemental Figure 1. Sequencing results of laser capture microdissected human mucinous tumor cells (12 patient samples total). Exons 5-8 of the TP53 genes were sequenced as previously described (Crane, 2015). Four out of 12 patients (33%) had point mutation in TP53 genes, and in all four cases, the mutation co-exist with the wild type allele.



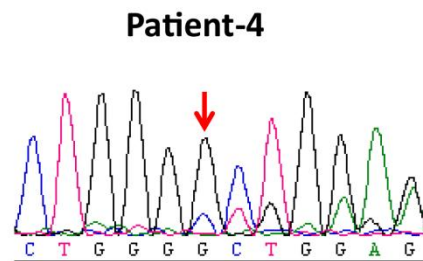
c.799C>T; p.R267W



c.845G>T; p.R282L



c.392A>G; p.N131S



IVS5^{del+14G}

Supplemental Figure 2. Representative images of immunofluorescent staining for ESR1 and PGR in cultured tumor OSE cells of different genetic background. Scale bar: 50 μ m.

