

Supplemental Table 1. Distinctive features of three tumors derived from mutual synergy of over-expression of AR and activation of Kras and Akt signaling pathways.

Oncogenic synergy	Number of CK8+*	Number of CK5+*	Number of P63*	EZH2	H3K27m3	Secondary transplantation potential
Kras(G12D)+mAkt	+++	+	+	-	-	No
mAkt+AR	+ (weak expression)	-	-	-	+	No
Kras(G12D)+AR primary tumor	+	+++	+++	+++	+++	Yes
Kras(G12D)+AR secondary tumor	+	+++	+++	+++	+++	

*CK8+ represents luminal cells; CK5+ represents basal cells; p63+ represents basal stem cells.