

Table S1. KRAS mutation and LAKR status of cell lines used in the study.

LUAD cell lines	KRAS Status	LAKR Status
H1155	Q61H	positive
H650	Q61L	positive
H2122	G12C	positive
H2030	G12C	positive
HCC44	G12C	positive
SW1573	G12C	positive
H1373	G12C	positive
H460	Q61H	positive
Calu-6	Q61K	negative
Calu-1	G12C	negative
H23	G12C	negative
H358	G12C	negative
H1792	G12C	negative
H1573	G12A	negative
H441	G12V	negative

*LUAD cell lines with KRAS mutations that were homozygous for the mutations were scored as LAKR “positive”, while lines with KRAS mutations and KRAS wild type sequences (heterozygous for KRAS allele) were scored as LAKR “negative”.