

Figure S1

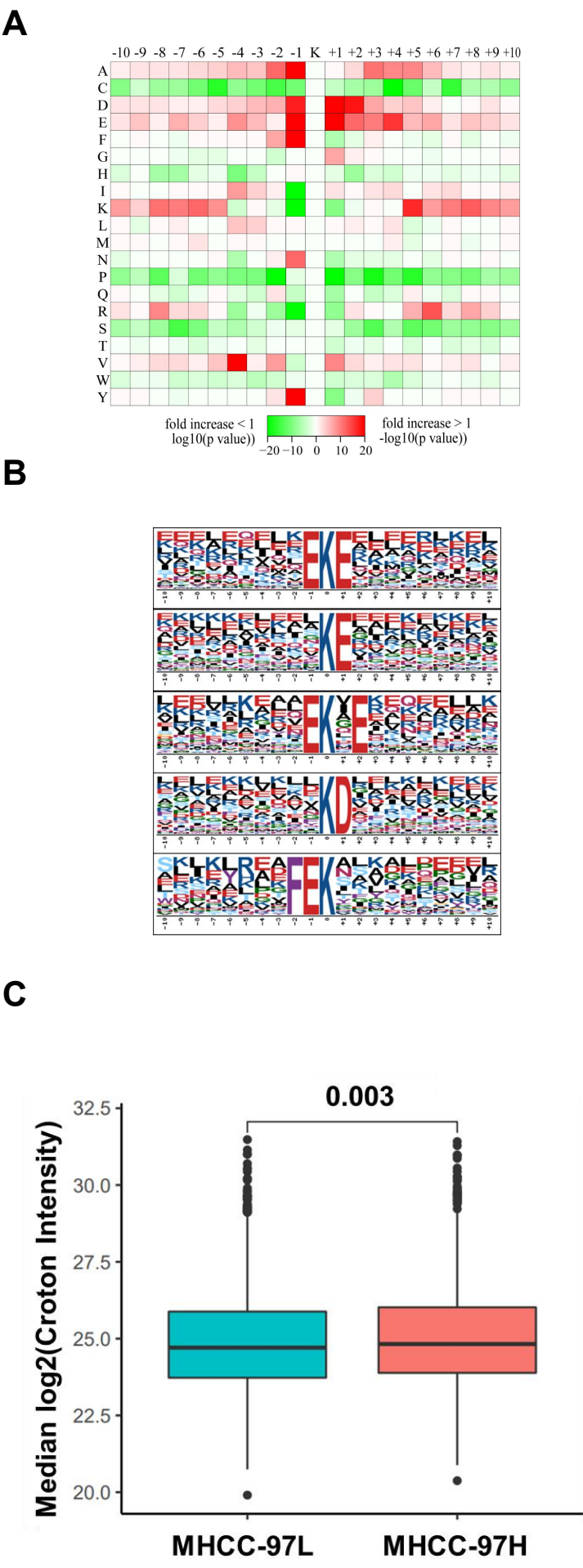
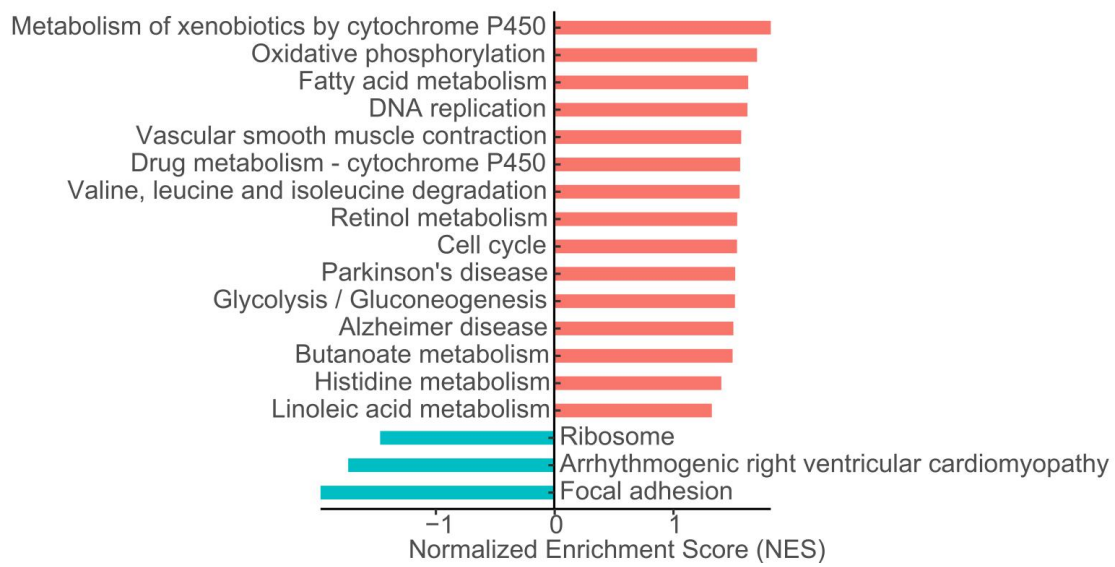
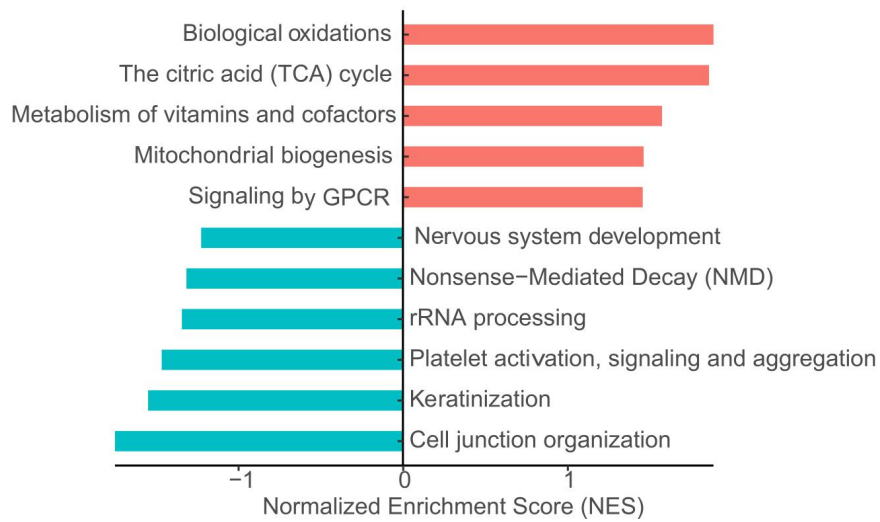


Figure S2

A



B



C

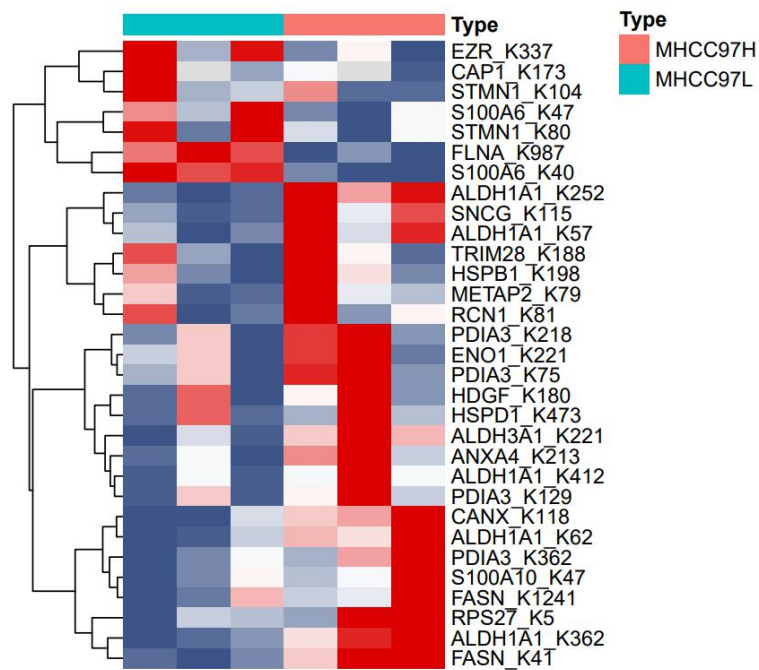


Figure S3

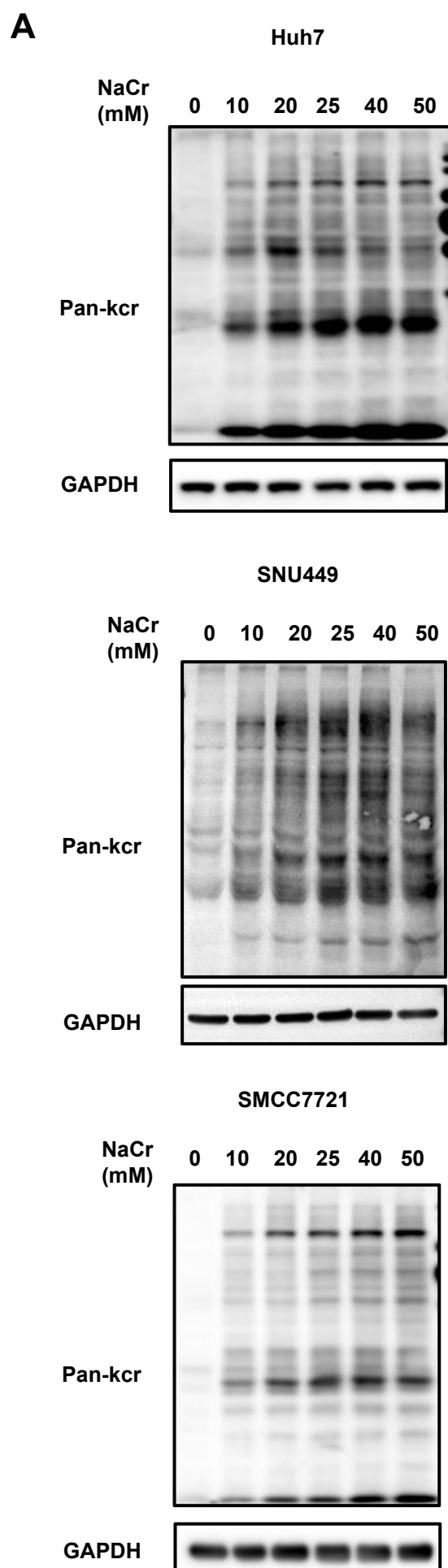
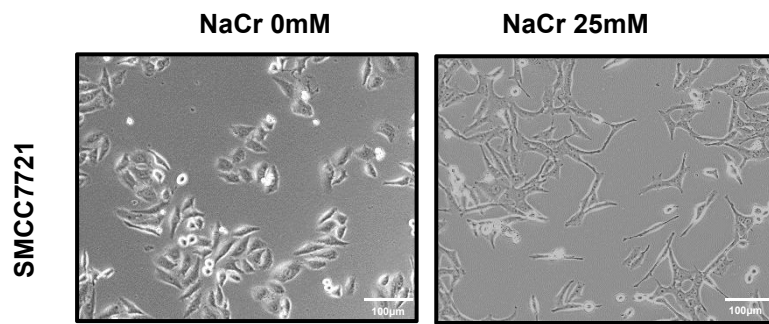
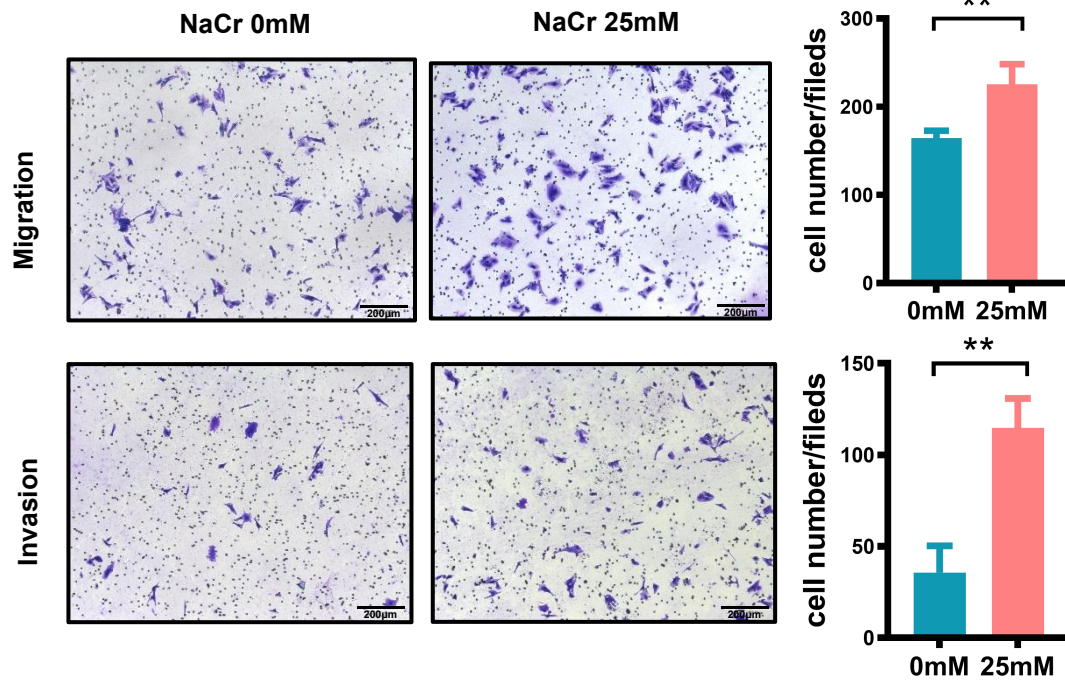


Figure S4

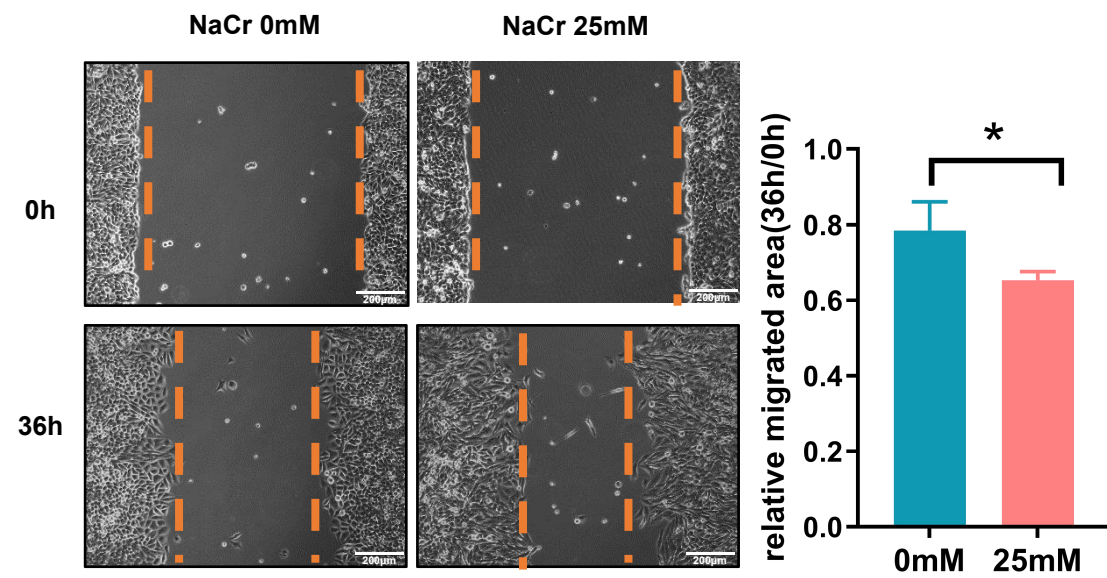
A



B



C



D

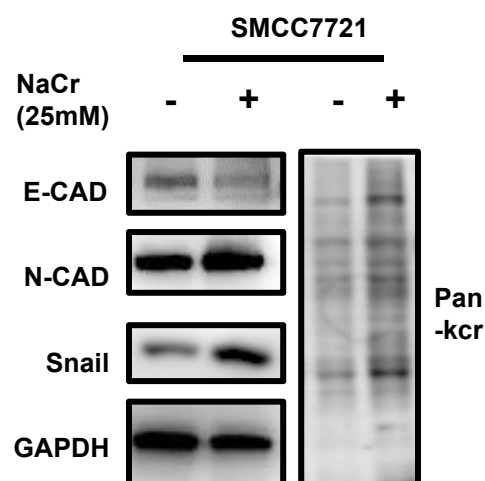
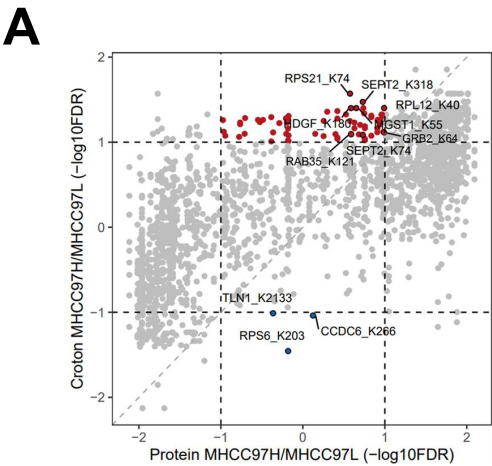


Figure S5



B

Homo sapiens	312 N E D M N K D Q I L L
Mus musculus	312 N E D M N K D Q I L L
Rattus norvegicus	312 N E D M N K D Q I L L
Gallus gallus	312 N E D M N K D Q I L L
Canis lupus familiaris	312 N E D M N K D Q I L L
Danio rerio	312 R L S S H G Y I L P L
Ictalurus punctatus	312 L S S H G Y I L P L S

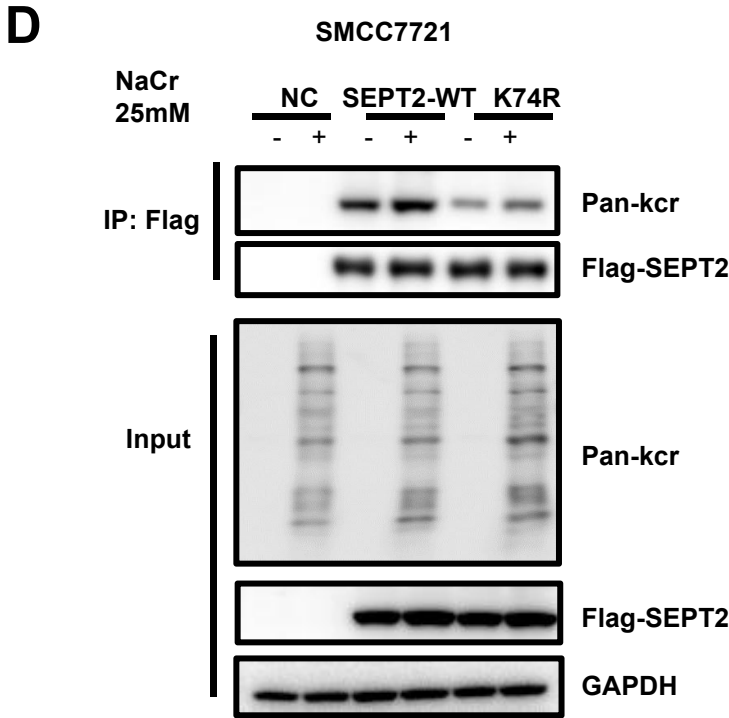
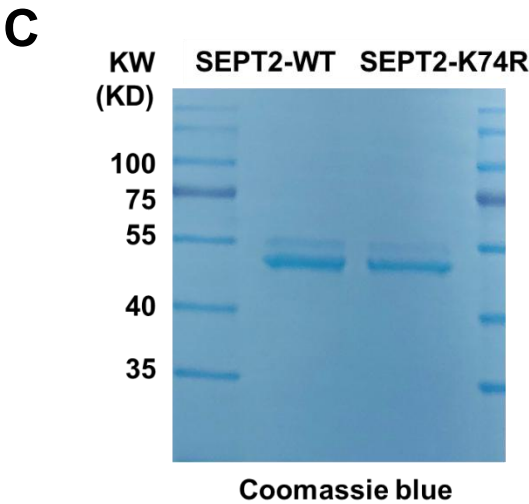
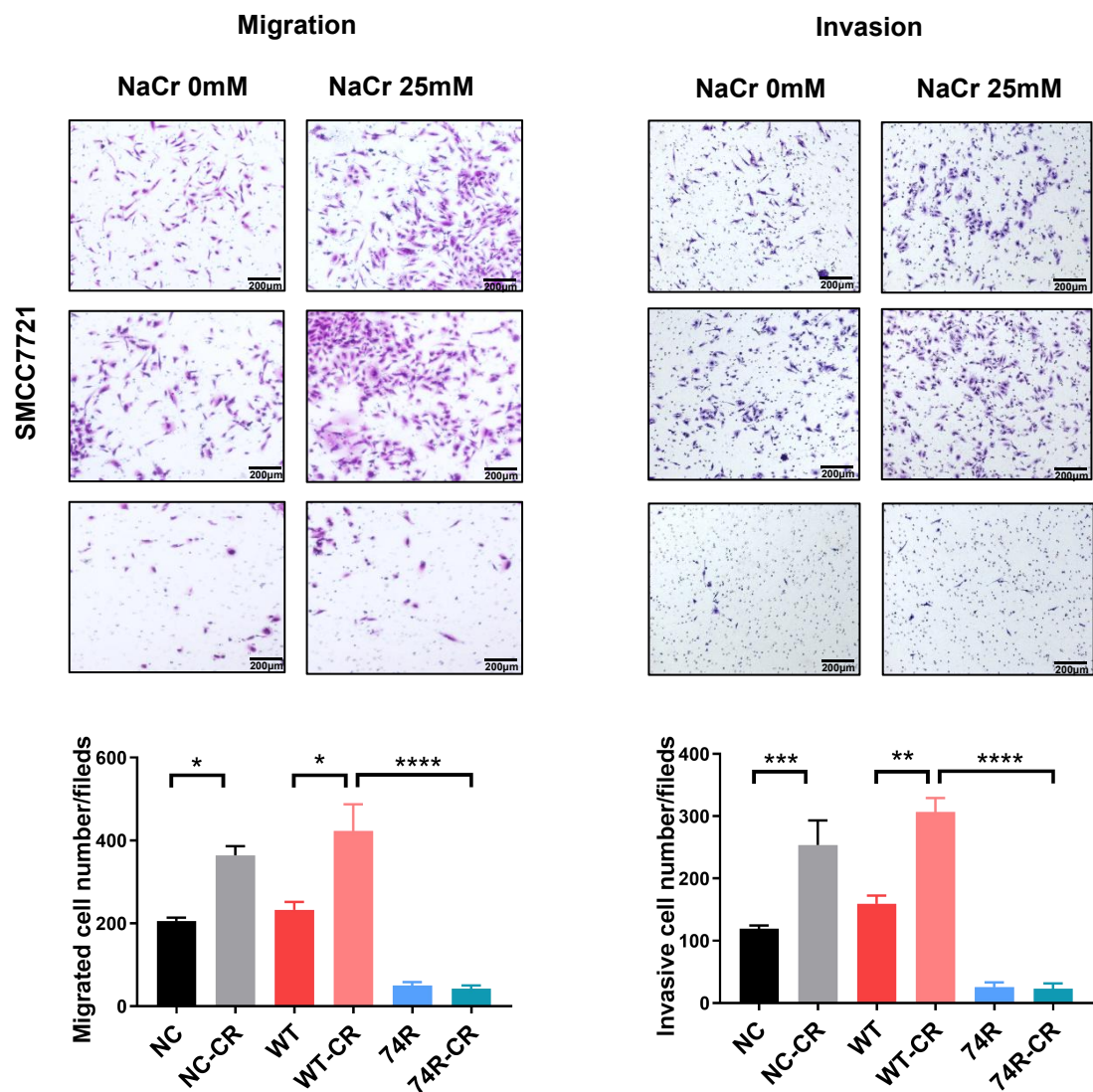


Figure S6

A



B

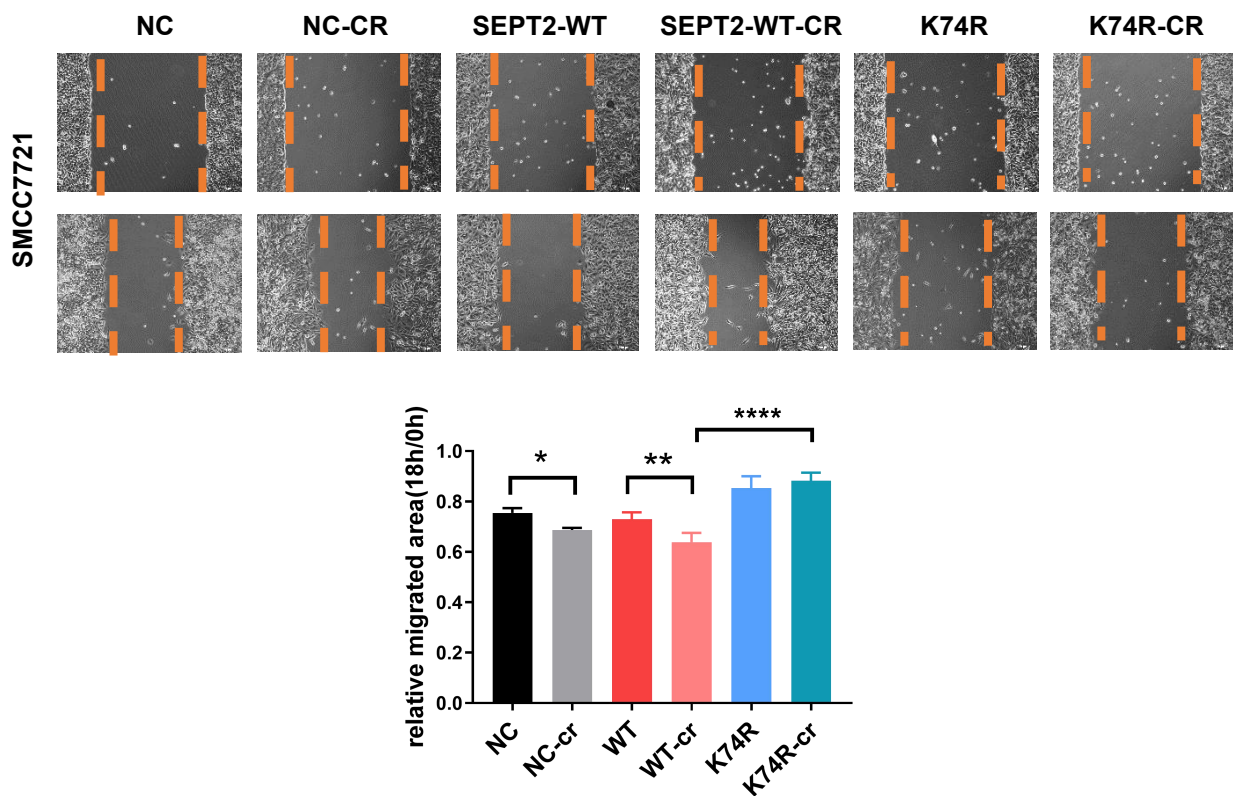
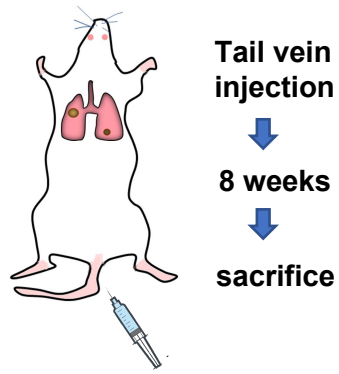
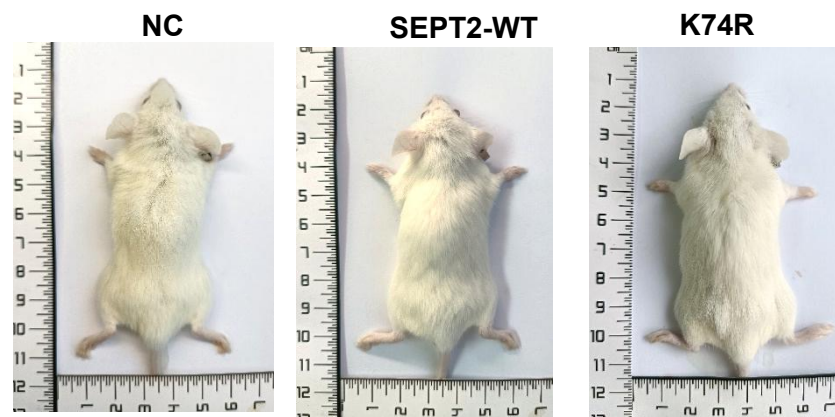


Figure S7

A



B



C

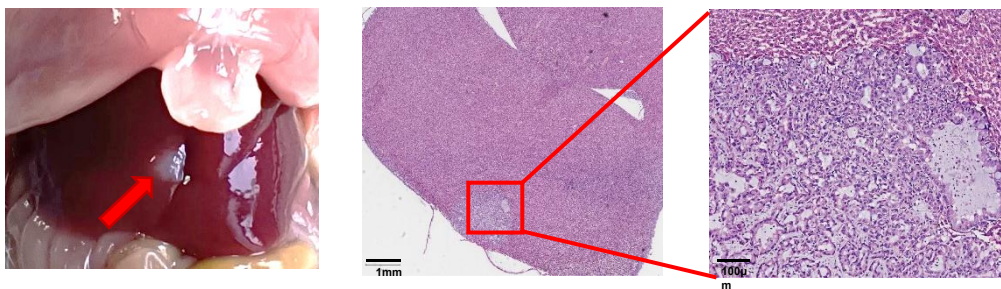


Figure S8

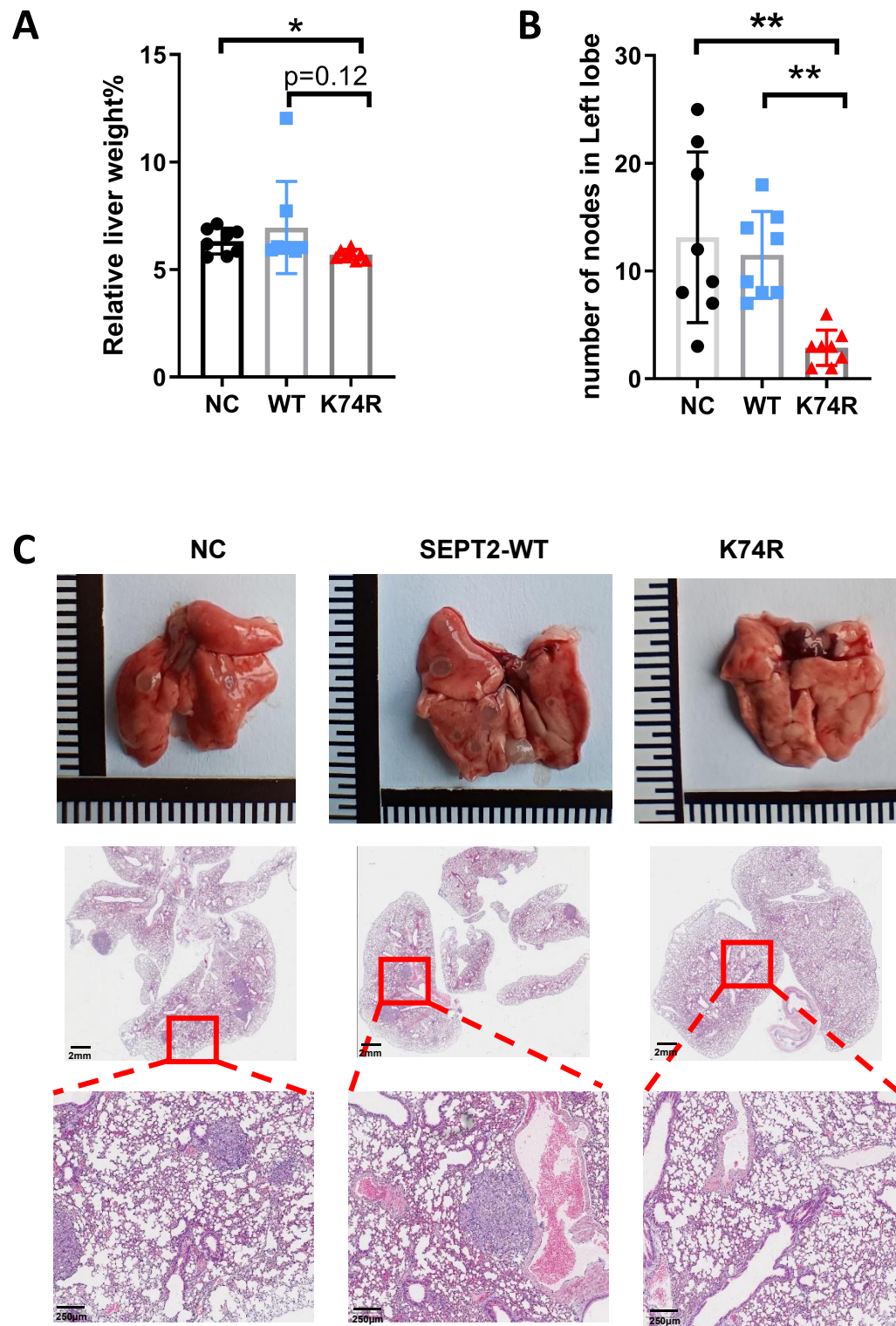


Figure S9

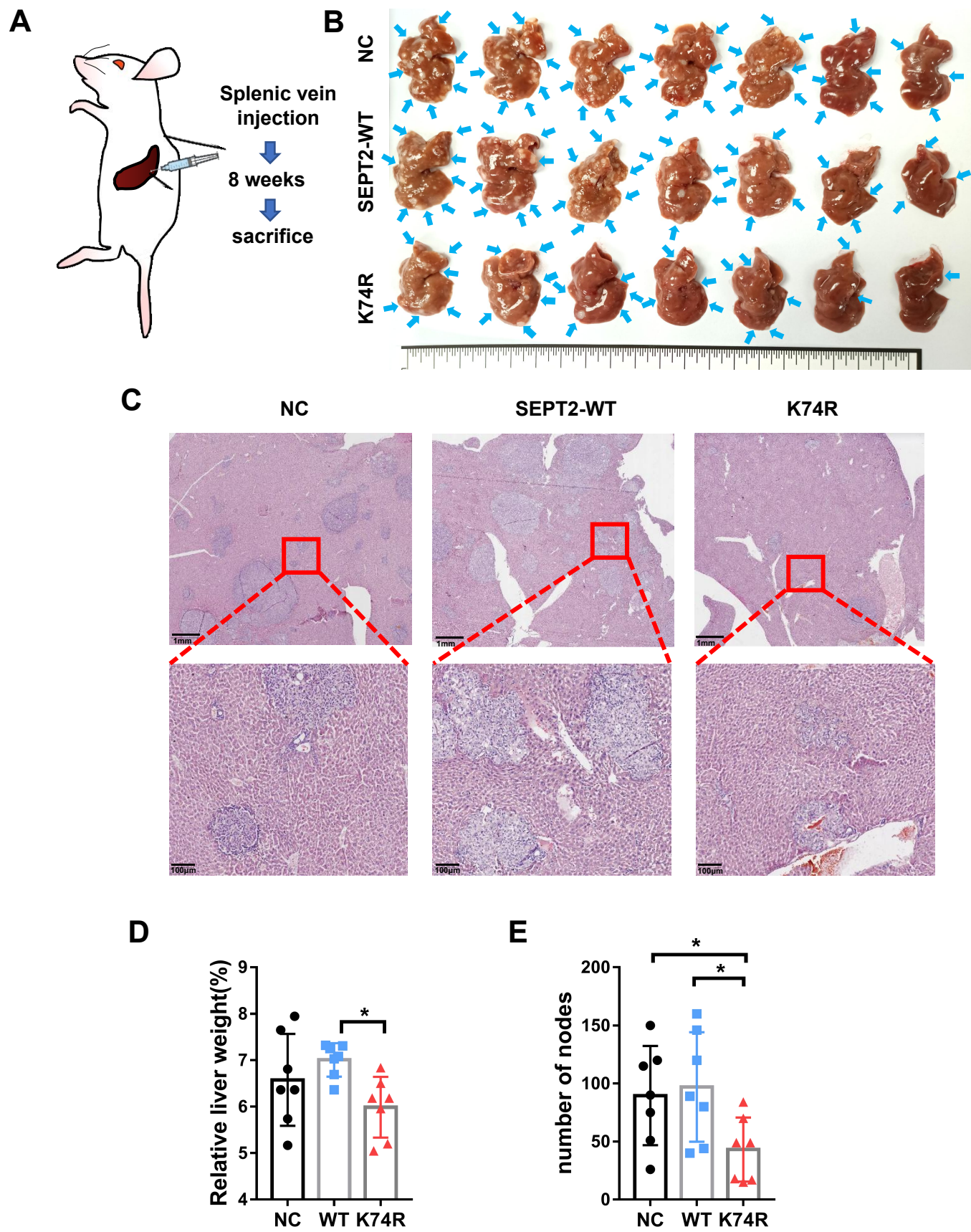
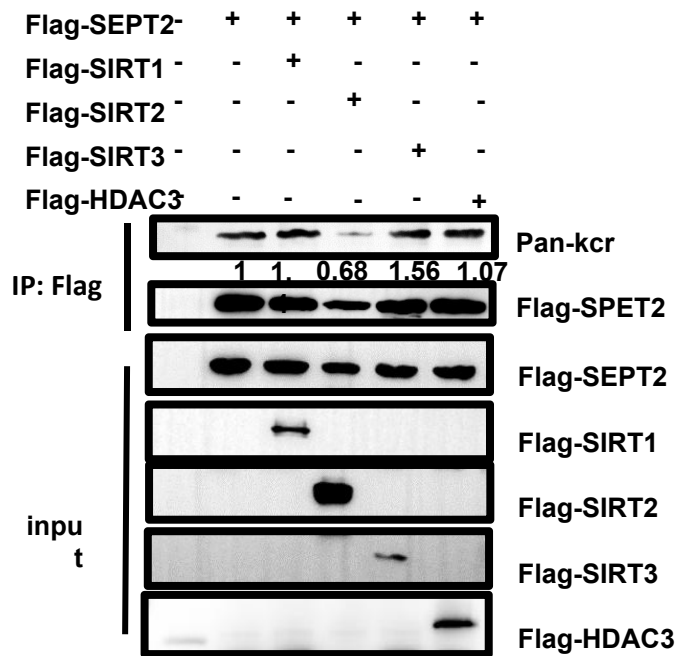
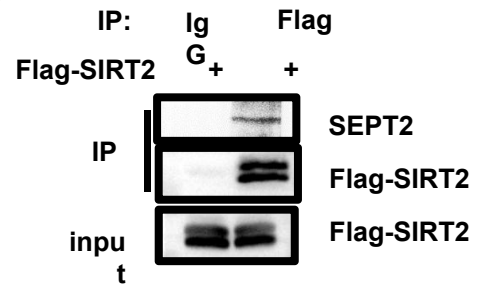


Figure S10

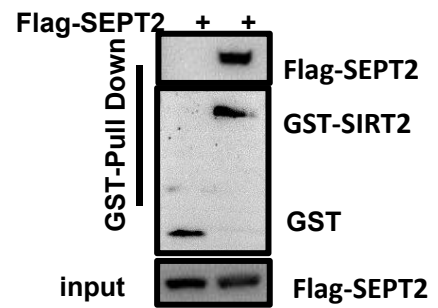
A



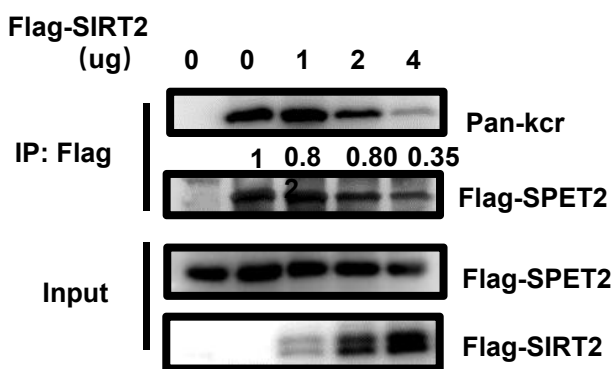
B



C



D



E

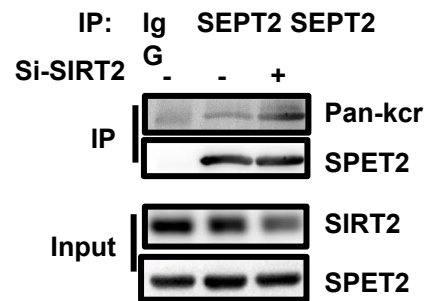


Figure S11

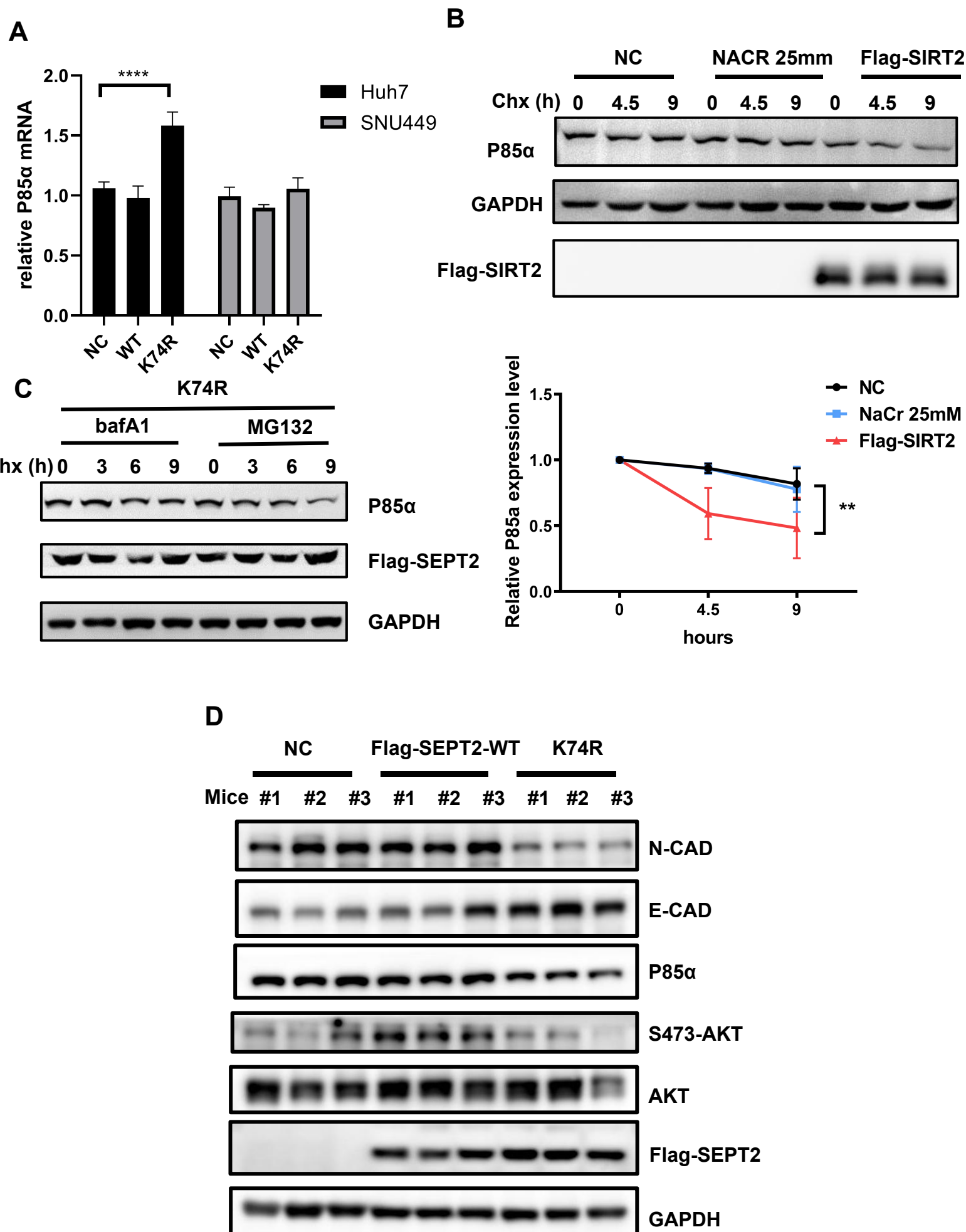
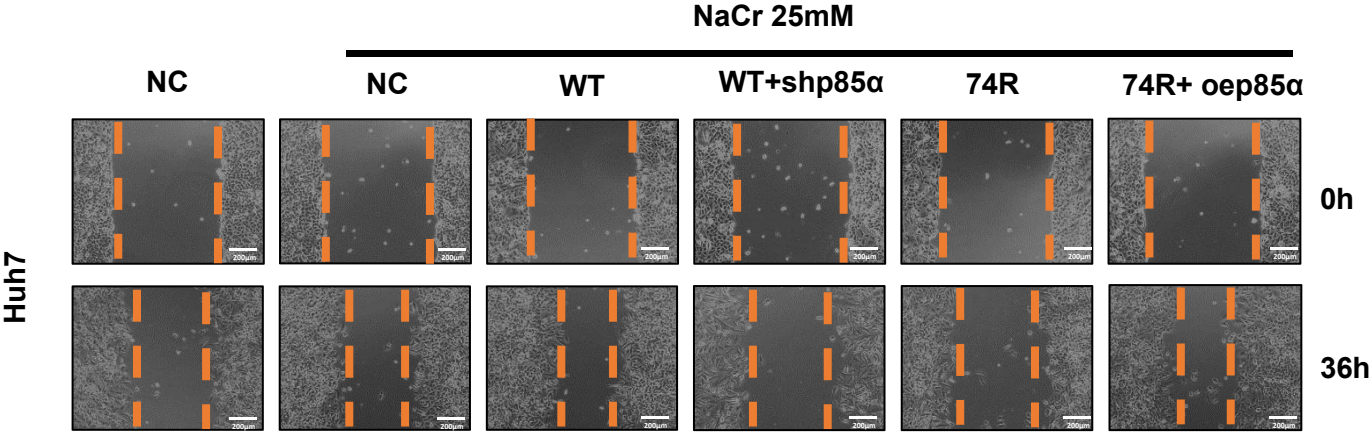


Figure S12
A



B

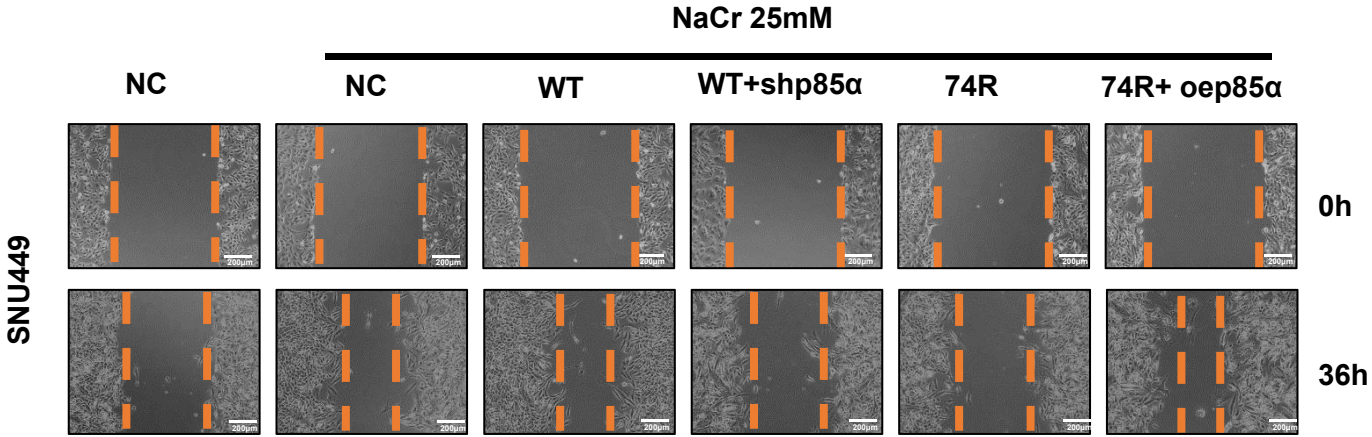


Figure S13

