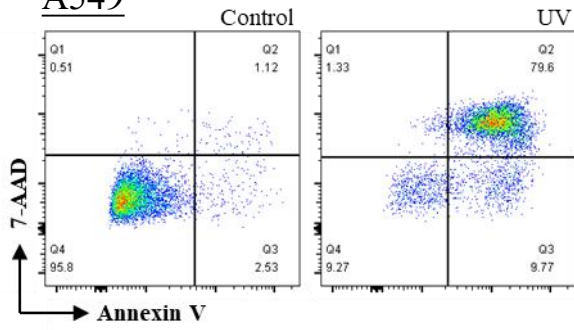
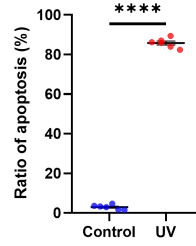


Supplementary Figure 1

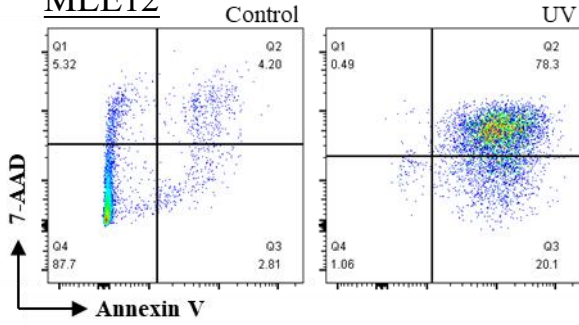
A549



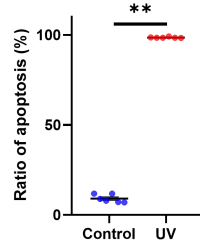
Apoptosis induction of A549



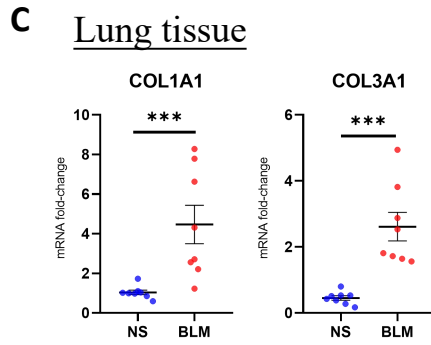
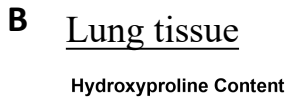
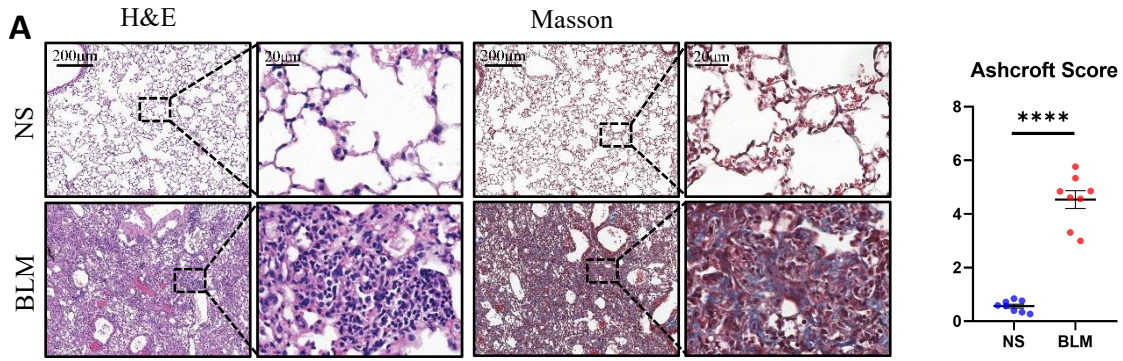
MLE12



Apoptosis induction of MLE12

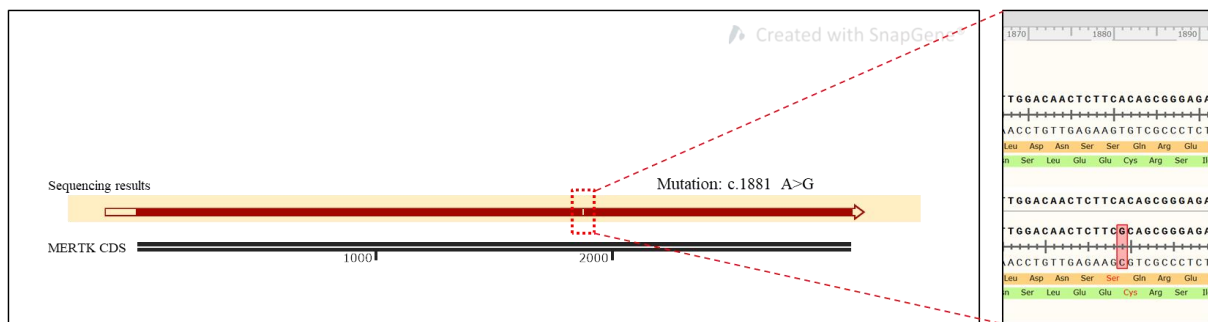


Supplementary Figure 2



Supplementary Figure 3

A



B

Descriptions | Graphic Summary | Alignments | Taxonomy

Sequences producing significant alignments

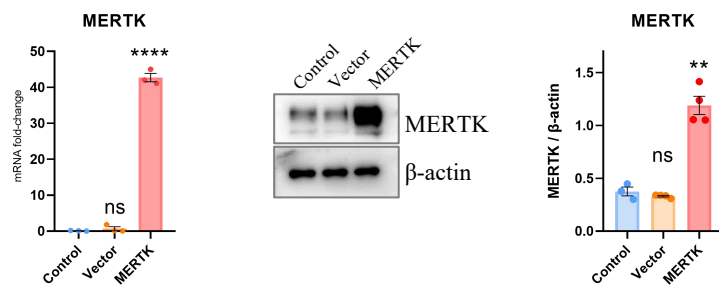
Download Select columns Show 100

select all 100 sequences selected

GenPept Graphics

Description	Scientific Name	Max Score	Total Score	Query Cover	E value	Per. Ident	Acc. Len	Accession
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer precursor [Homo sapiens]	Homo sapiens	1928	1928	91%	0.0	99.90%	999	NP_006334.2
<input checked="" type="checkbox"/> MER receptor tyrosine kinase [Homo sapiens]	Homo sapiens	1919	1919	91%	0.0	99.90%	978	AAG33129.1
<input checked="" type="checkbox"/> c-mer proto-oncogene tyrosine kinase isoform CRA_a [Homo sapiens]	Homo sapiens	1928	1928	91%	0.0	99.80%	999	EAW52096.1
<input checked="" type="checkbox"/> unnamed protein product [Homo sapiens]	Homo sapiens	1921	1921	91%	0.0	99.39%	999	BAG38172.1
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer isoform X2 [Pan troglodytes]	Pan troglodytes	1816	1816	87%	0.0	99.04%	936	XP_024210259.1
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer isoform X1 [Pan troglodytes]	Pan troglodytes	1912	1912	91%	0.0	98.98%	999	XP_515690.3
<input checked="" type="checkbox"/> novel cellular proto-oncogene [Homo sapiens]	Homo sapiens	1909	1909	91%	0.0	98.98%	999	AAB60430.1
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer isoform X1 [Pan paniscus]	Pan paniscus	1907	1907	91%	0.0	98.98%	1227	XP_034809442.1
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer [Gorilla gorilla gorilla]	Gorilla gorilla gorilla	1912	1912	91%	0.0	98.88%	999	XP_030864129.1
<input checked="" type="checkbox"/> tyrosine-protein kinase Mer isoform X1 [Pongo abelii]	Pongo abelii	1895	1895	91%	0.0	98.27%	999	XP_024097646.1

C



Supplementary Figure 4

A

Human lung macrophages

Mouse lung macrophages

