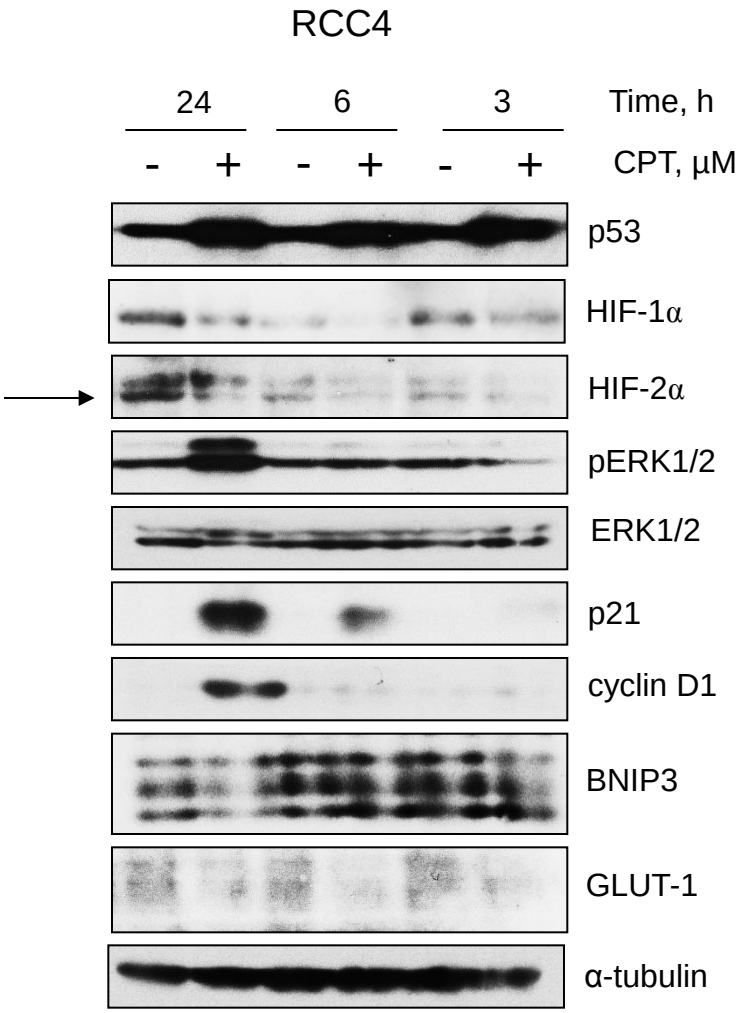
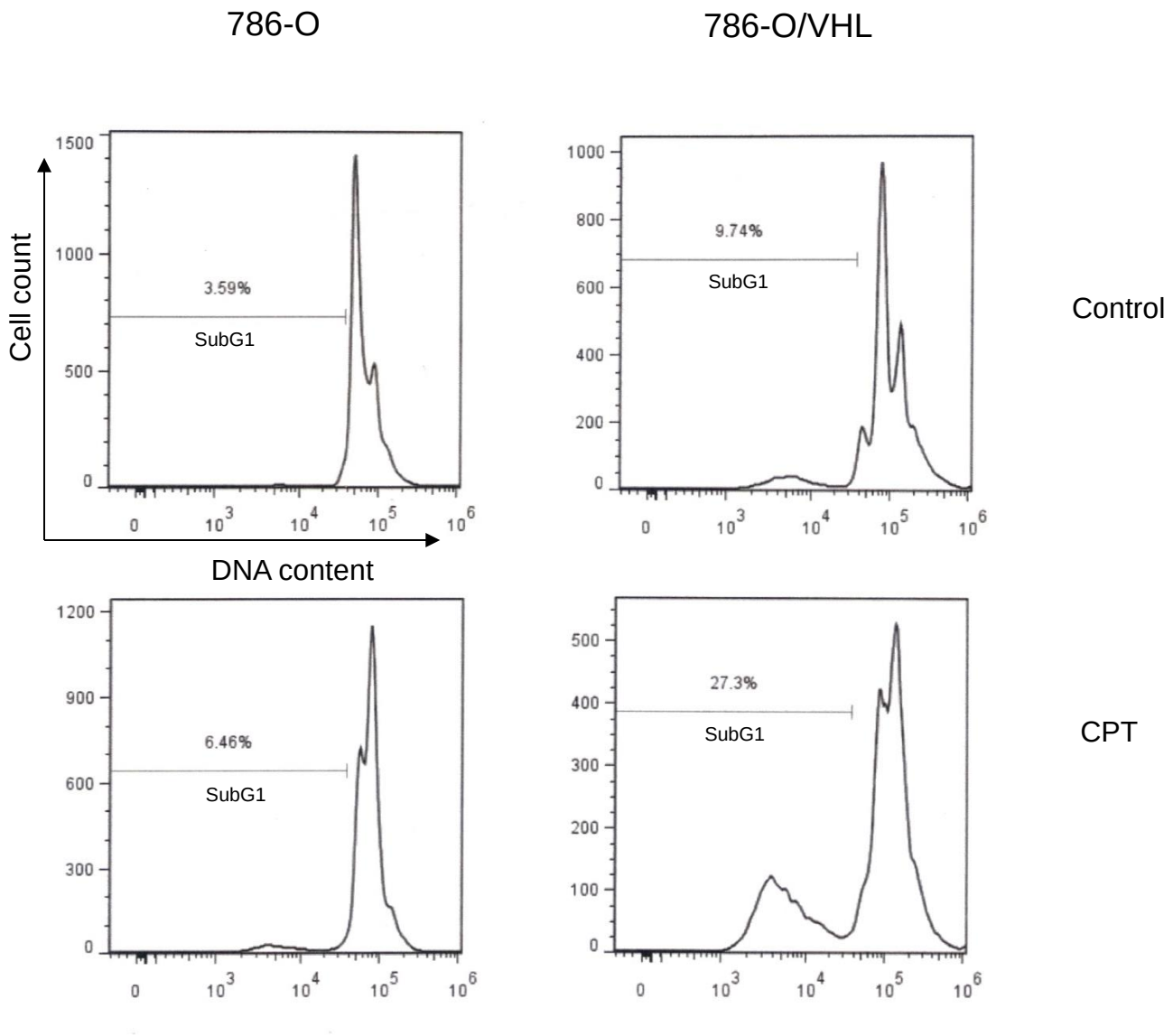
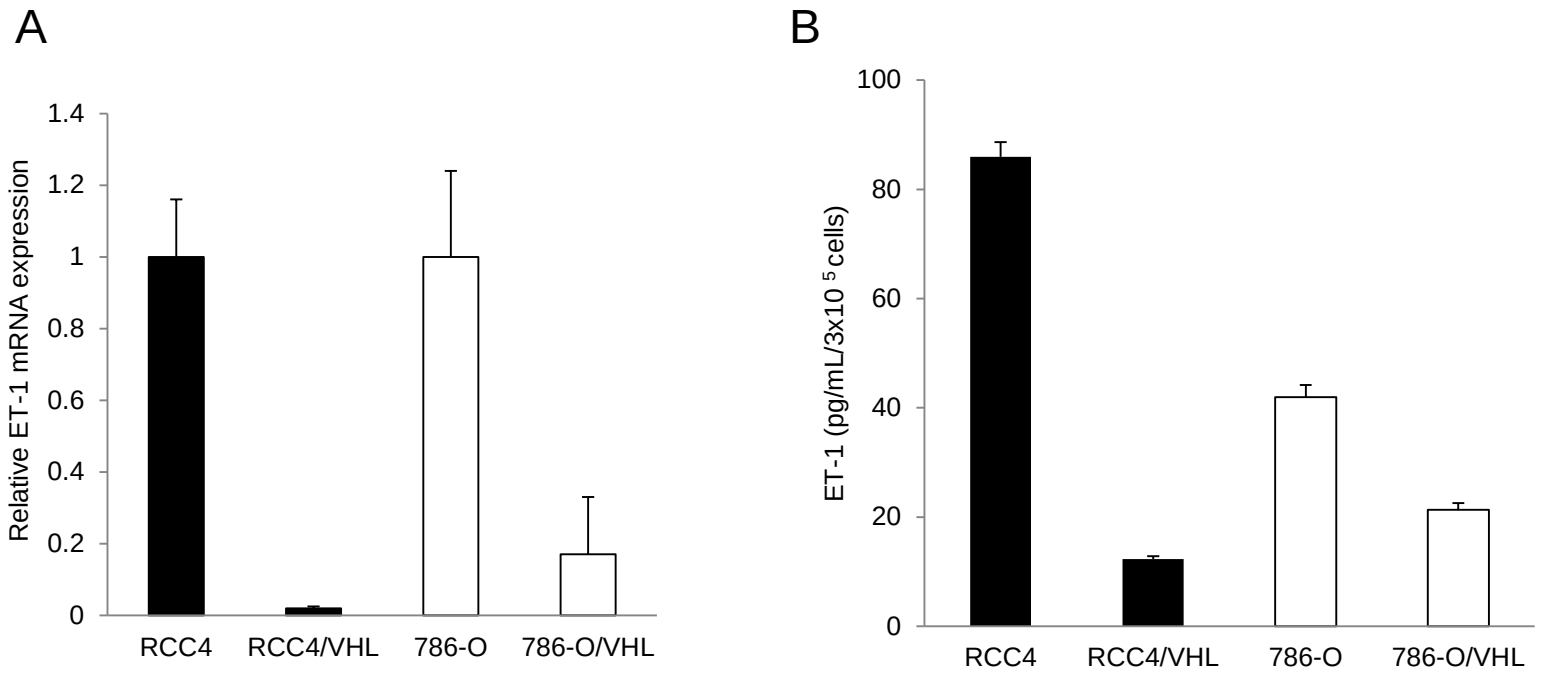
Supplementary Fig 1



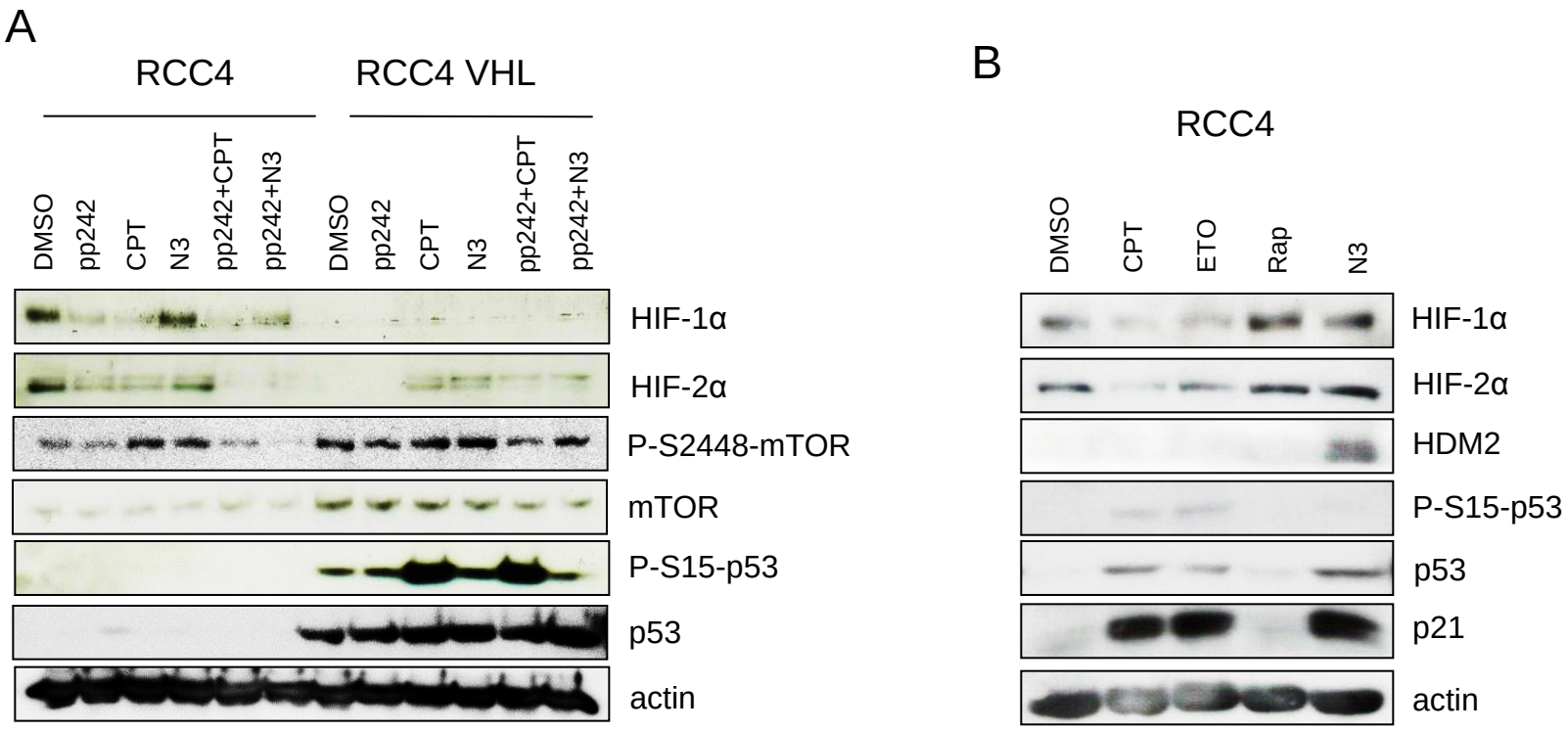
Supplementary Fig 2



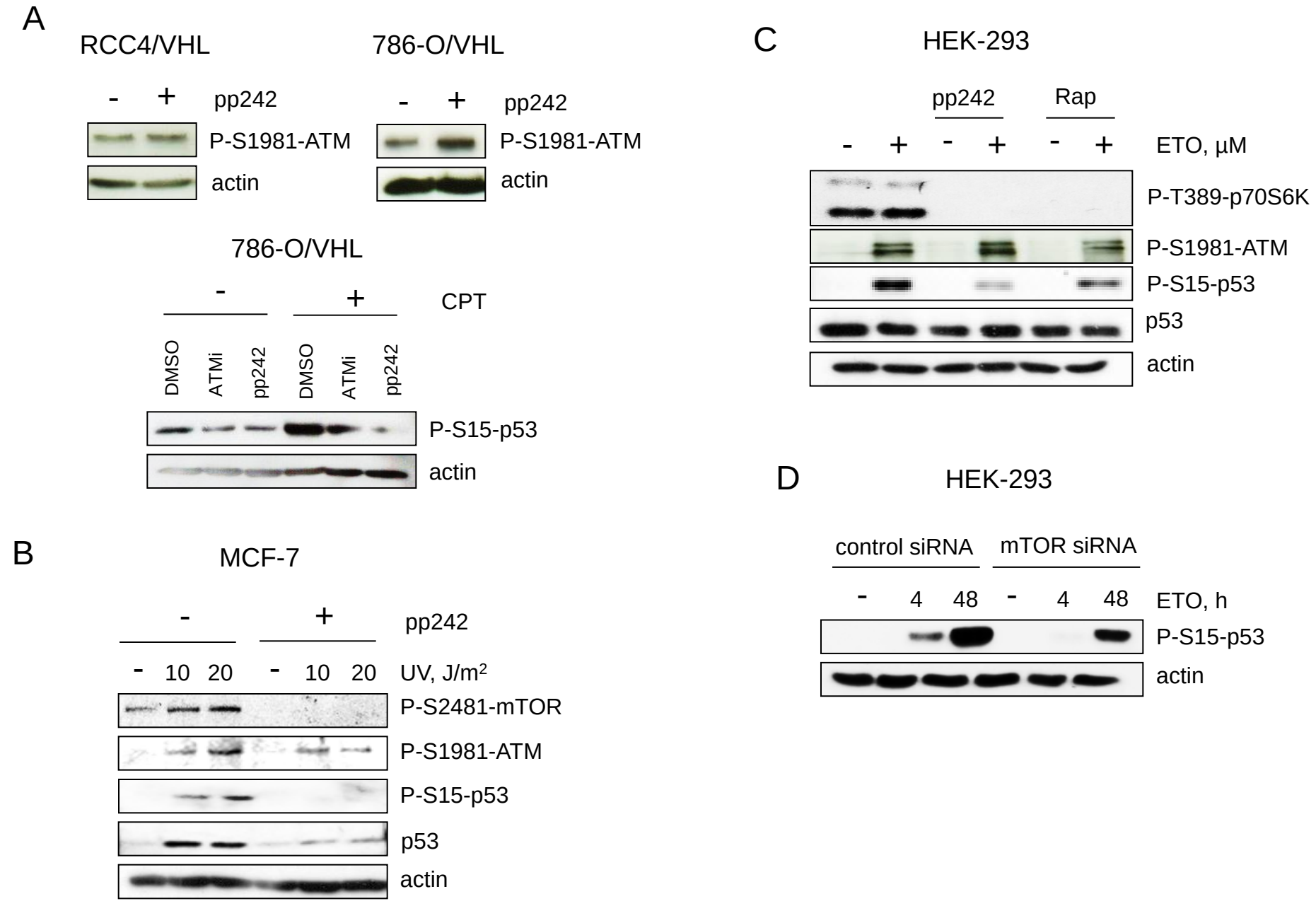
Supplementary Fig 3



Supplementary Fig 4



Supplementary Fig 5



Supplementary Fig 6

A

p53 DBS3(-1575 to -1597)

421 ggctctttta gaggatgcat gtcatta tgg acctgtcgct gccactgtcc ctgttccccc
481 agctgtgact tcgagggagg tctggggatc tgagtctgtc caaacccacg gctttgctgt
541 tgggataaaa actgtccttt tgatttttaga aggaggaggg aaaaaaggtt tcccagcatg
601 tgtgttgtgc cagtcttgga aattcatccg tgcttgaatt ccaccctcca tccccagaaa
661 aactggagta aaacaaaaag aggagatgga caaagtgtgt atttgatggc atcccctggg
721 aagagactct aaatttatcc cataggtctt actgggccac tgtgagcgct ttggtggaga
781 acaaacaaaa attctgggtg ctcagttgtc taacctgaaa aatgggacta gcggaaaaag
841 ccaatgtgtt ccatgcacct tttgctttct ttattaaggc atgatgtcac ctgtacagta
901 actgccctgt gtgtacttca ggggggggatt tcaaggttag atagacagga aattgttttg
961 aaaatgtaaa cacattatta aatgtgaagt attatctgat tccttgttcg aatggcattt
1021 ccttctcagc accaccttcc ttgcatattc acttaacctt gtacaagaac acctttttgc
1081 cctaaatgaa gacacccccc caaaaaaaag agtcccagaa aatatgtccc tgcttgtgcg
1141 gggaataaat agaatattct gaggtgcatt cctccttcct atgttaggca acattccttg
1201 accctcctcg gcccccaagc caggttgcgt ttttttctgc catttagaag ggttttcctt
1261 tttgtcctag taaaacatca gcccctgtag ctcttcatct ccccctggtg ttcttctccc

p53 DBS2(-704 to -726)

1321 gccatgtctt aagattggtg gcaccgacca atcttaagat ttaagttctg tgtgaaaaac
1381 acctttgctt ttcaatcagt ttatcagcct cctccgcagg ggaagtgtgg acacacaaaa
1441 gaacttatcg gggcttctca tcagtgatag ggaaaagact ggcatgtgcc taaacgagct
1501 ctgatgttat ttttaagctc cctttcttgc caatccctca cggatctttc tccgatagat
1561 gcaaagaact tcagcaaaaa agacccgcag gaaggggctt gaagagaaaa gtacgttgat
1621 ctgccaaaat agtctgaccc ccagtagtgg ggcagtgacg agggagagca ttcccttgtt
1681 tgactgagac tagaatcgga gagacataaa aggaaaatga agcgagcaac aattaaaaaa
1741 aattccccgc acacaacaat acaatctatt taaactgtgg ctcatacttt tcataccaat
1801 ggtatgactt ttttctgga gtcccctctt ctgattcttg aactccgggg ctggcagctt
1861 gcaaagggga agcggactcc agcactgcac gggcaggttt agcaaaggtc tctaatgggt

p53 DBS1(-189 to -211)

1921 attttctttt tcttagccct gcccccgaat tgtcagacgg cgggcgtctg cctctgaagt

HRE(-118)

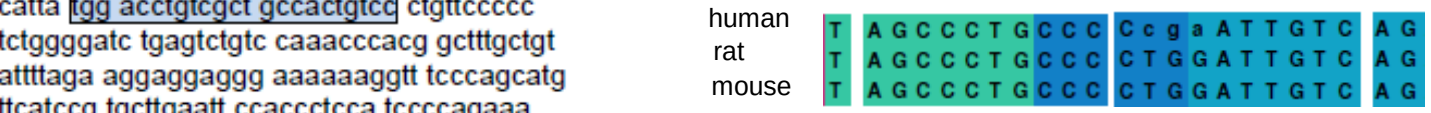
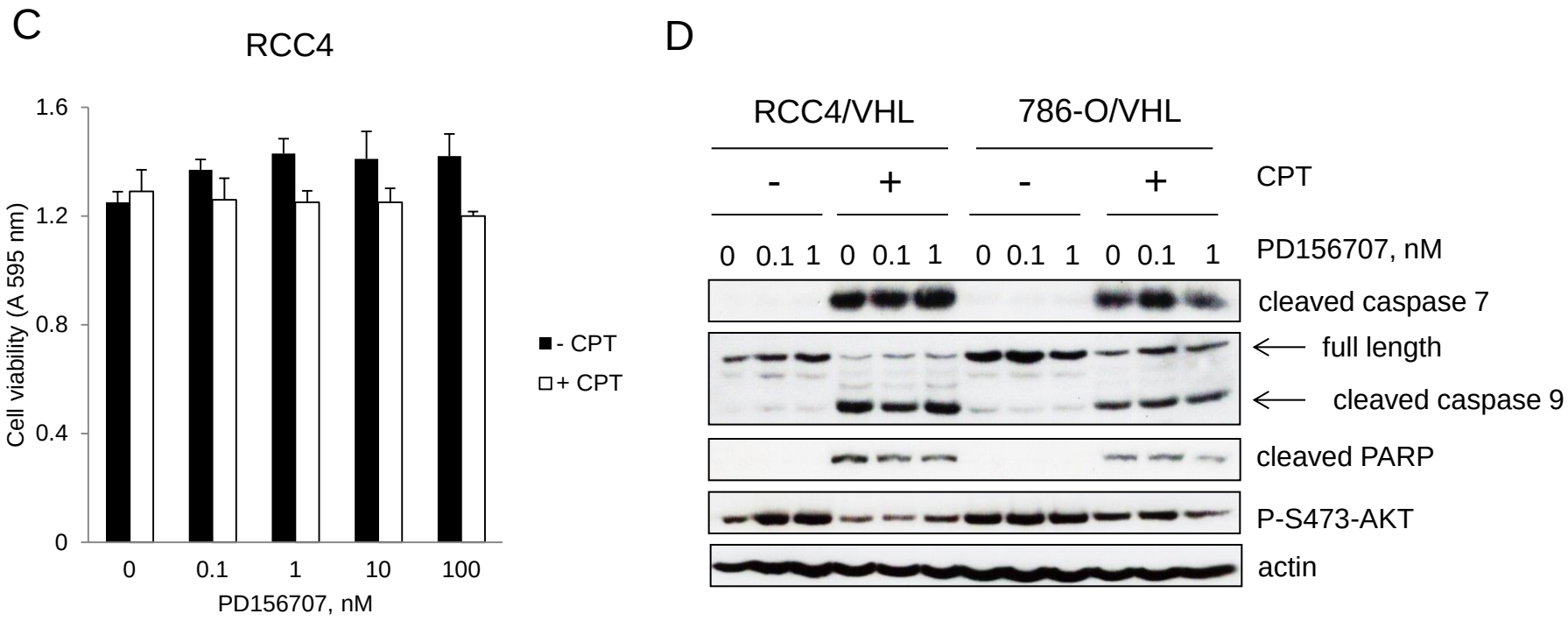
1981 tagcagtgat ttcctttcgg gcctggcctt atctccggct gcacgttgcc tgttggtgac
2041 taataacaca ataacattgt ctggggctgg aataaagtcg gagctgttta cccccactct

+1

2101 aataggggtt caatataaaa agccggcaga gagctgtcca agtcagacgc gcctctgcat

→start

B



Supplementary Fig 6