Figure S2

(A) Sequence data of chromosome 4, exon 3 in MCUb KO clones

THP-1 MCUb KO clone 3

TTTACTCATTTTTTTTTCTTTTTTTCCTTAACAAAAAAAAACAGTTATTTATAAAAATGGGCCTCCCTTGGNAACCCTTTC
CTTGGCCTCCAAAAAAAAAAAGTTGTCCATTTCNAATCCAACCA**ATG**GTGGCCACAATTGGTTCATTCCTT

THP-1 MCUb KO clone 8

AAATTTACTCATTTTTTTTTCCTTTTTTCCTTAACAAAAAAAAAAGTTAATTAAAAAAATGGGCCTTCCCTGGNAACCCT
TACCTTGGCCTCCAAAAAAAAAAAGTTGGCCATTTCNAATCNAACCA**ATG**GTGGCAACAANTGGTTCATTCCT

Calu-1 MCUb KO clone 5

TAAAATTTACTCATTTTTTTTTCTTTTTTTCCTTAACAGAAATAACAGTTATTTATAGACATGGCCTTCCCTTGGTAACA
CTTACCTTGCCATCTATAAAAGAACGTTGTCNATTCGTANTCAAACCA**ATG**TTGTCAACAGTTGGTTCATTCCTTCAGGA
CCTACAAAATGAAGATAANGGTATCAAAACTGCAACCATCT

(B) MCUb cDNA (exons 1-3)

5'ATGCTCCAGAGGGGCCTCTGGCCGTGGCGCACGCGGCTGCTGCCGCCT
ORF 1
GGCACCTGGCGCCCAGCGCGCCCGTGGCCGCTGCCGCCTCCGCCCCAGGTT

TTGCGTGTGAAGCTGTGTGGAAATGTGAAATACTACCAGTCACACCATTATAGTAC

CGTGGTGCCACCTGATGAAATAACAGTTATTTATAGACATGGCCTTCCCTTGGTAA

CACTTACCTTGCCA**TCT**AGAAAAGAACGTTGTCAATTCGTAGTCAAACCA**ATG**TTG
Ser76 redox region ORF 2
TCAACAGTTGGTTCATTCCTTCAGGACCTACAAAATGAAGATAAGGGTATCAAAAC

TGCAGCCATCTTCACAGCAG-3'