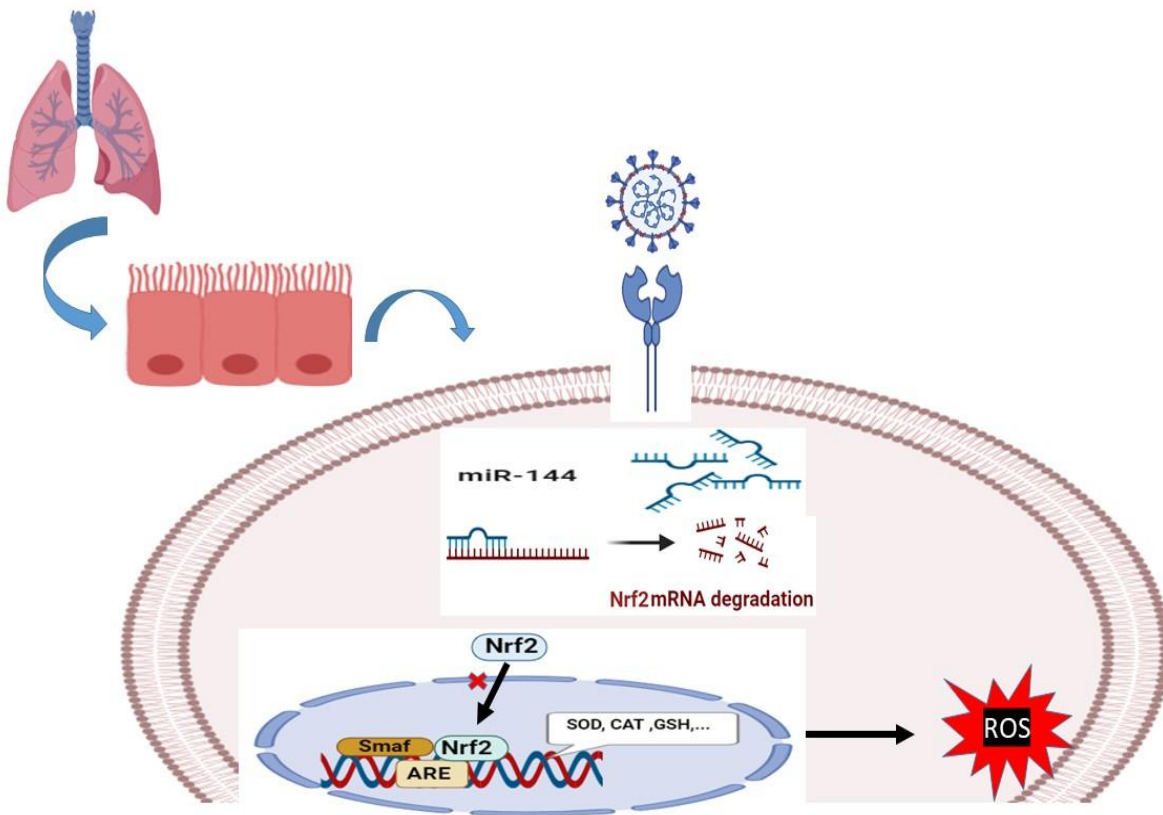


**Supplementary Table 1. *NFE2L2* (Nrf2), *ACTB*, *MIR144*, *MIR153-1* and *RNU6-1* (U6) primer sequence that was used to evaluate gene expression in real-time polymerase chain reaction.**

Primer name	Primer sequence
<i>NFE2L2</i> forward	5' TTCACTAAACACAAGTCCCAGT 3'
<i>NFE2L2</i> reverse	5' CAGGGGCACTATCTAGCTCT 3'
<i>ACTB</i> forward	5' CTGGAACGGTGAAGGTGAACA 3'
<i>ACTB</i> reverse	5' TGGGGTGGCTTTTAGGATGG 3'
<i>MIR144</i> forward	5' CAGGCGTACAGTATAGATG 3'
<i>MIR153-1</i> forward	5' ACGCATAGTCACAAAAGT 3'
<i>RNU6-1</i> forward	5' AAGGATGACACGCAAA 3'

Reverse primers for all 3 microRNAs are universal primers from Kit Request from Stemcell Technology Research Center (STRC).



Supplementary Figure 1: SARS-CoV-2 induced miR-144 suppress Nrf2 protein translation and Nrf2 antioxidant signaling pathway in patients with severe COVID-19 patients.