

### **Author Contribution Statement**

YS designed the experiments and drafted the manuscript. YS, YC, YL (Yuntao Lin), PL, BZ, and KCC conducted the experiments. YW contributed to the sample collection. YS, YC, and YL (Yicun Li) conducted statistical analysis. YS, RZQ and HY verified the underlying data. RZQ, HY, NKM, and MK revised the manuscript.

All authors approved the final manuscript.