



Supplementary Fig. 1. Re-oxygenation after hypoxic incubation restored the barrier function in NHNE cells. (A) NHNE cells were incubated under hypoxic conditions for 8 hours, and then re-oxygenated for 0, 12, 24 hours. Western blotting was performed to assess the expressions of ZO-1, and E-cadherin. (B) NHNE cells were incubated under hypoxic conditions for 8 hours, and then re-oxygenated for 0, 12, 24 hours. TER values were measured immediately. The mean TER values of control, hypoxia, re-oxygenation for 12 hours after hypoxia, and re-oxygenation for 24 hours after hypoxia were 479.97 ± 21.45 , 114.50 ± 9.53 , 99.50 ± 14.38 , and 221.75 ± 11.95 , respectively ($n=4$, $*p < 0.01$). TER, trans-epithelial resistance; NHNE, normal human nasal epithelial.