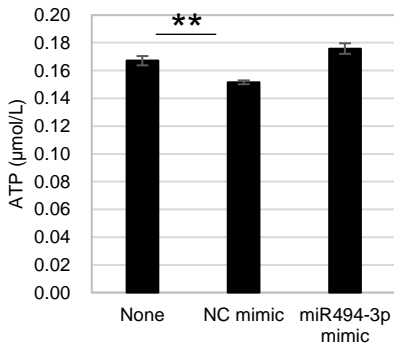


a. ATP production

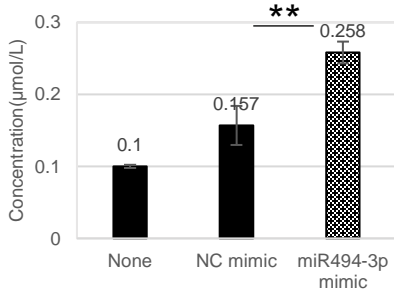
Mimic



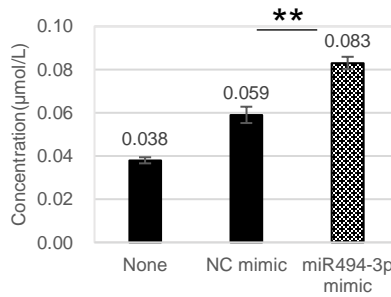
** : P<0.01

b. NAD⁺ production

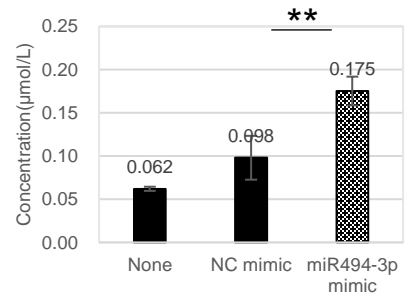
Total NAD⁺, NADH



NADH



NAD⁺



** : P<0.01

SF-7. Modulation of mitochondria metabolic functions by transfection of miR-494-3p mimic

- ATP production in iPS-hRPE cells: iPS-hRPE (P3, day14) were transfected with an NC mimic, a miR-494-3p mimic and cultured for 24 h.
- NAD⁺ production in iPS-hRPE cells: iPS-hRPE cells (P5, day 15) were transfected with an NC mimic, a miR-494-3p mimic and further cultured for 24 h. Statistical significances between NCs and a mimic were calculated.