



Supplementary Figure 1. MFN2 regulates melanogenic enzyme expression and activity. **A.** Quantitation of densitometric analysis of Gp100 expression in shNT and shMFN2 cells on LD Day7 (N = 3). **B.** Quantitative analysis of tyrosinase activity in shNT and shMFN2 cells on LD Day7 (N = 3). **C.** Quantitation of densitometric analysis of tyrosinase expression in shNT and shMFN2 cells on LD Day7 (N = 3). **D.** Densitometric analysis of DCT expression in shNT and shMFN2 cells on LD Day7 (N = 3). Data presented are Mean \pm S.E.M. (* $p < 0.05$; ** $p < 0.01$; Unpaired Student's t -test was performed for statistical analysis).