cells

MDPI

Supplementary Materials

Photobiomodulation with a 660-Nanometer Light-Emitting Diode Promotes Cell Proliferation in Astrocyte Culture

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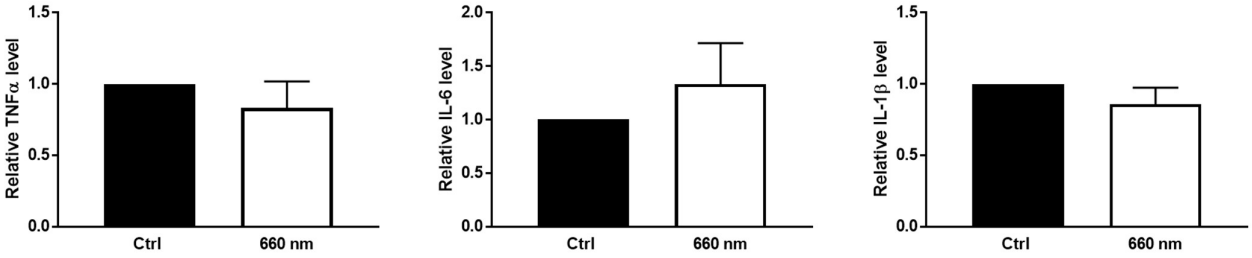
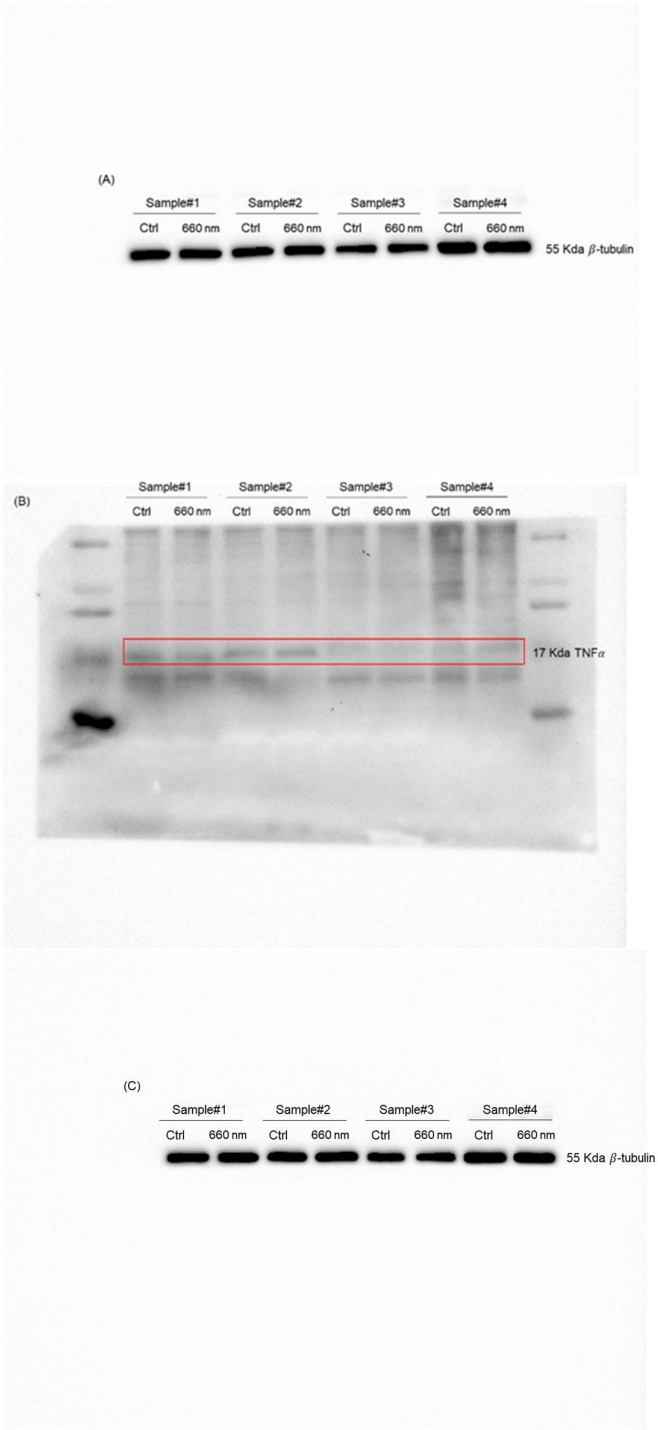


Figure S1. Western blot analysis of pro-inflammatory cytokines (n = 4). All full-length blots/gels are presented in Supplementary Figure S2.


(A)
Sample#1
Sample#2
Sample#3
Sample#4
Ctrl
660 nm
55 Kda β-tubulin
(B)
17 Kda TNFα
(C)
55 Kda β-tubulin

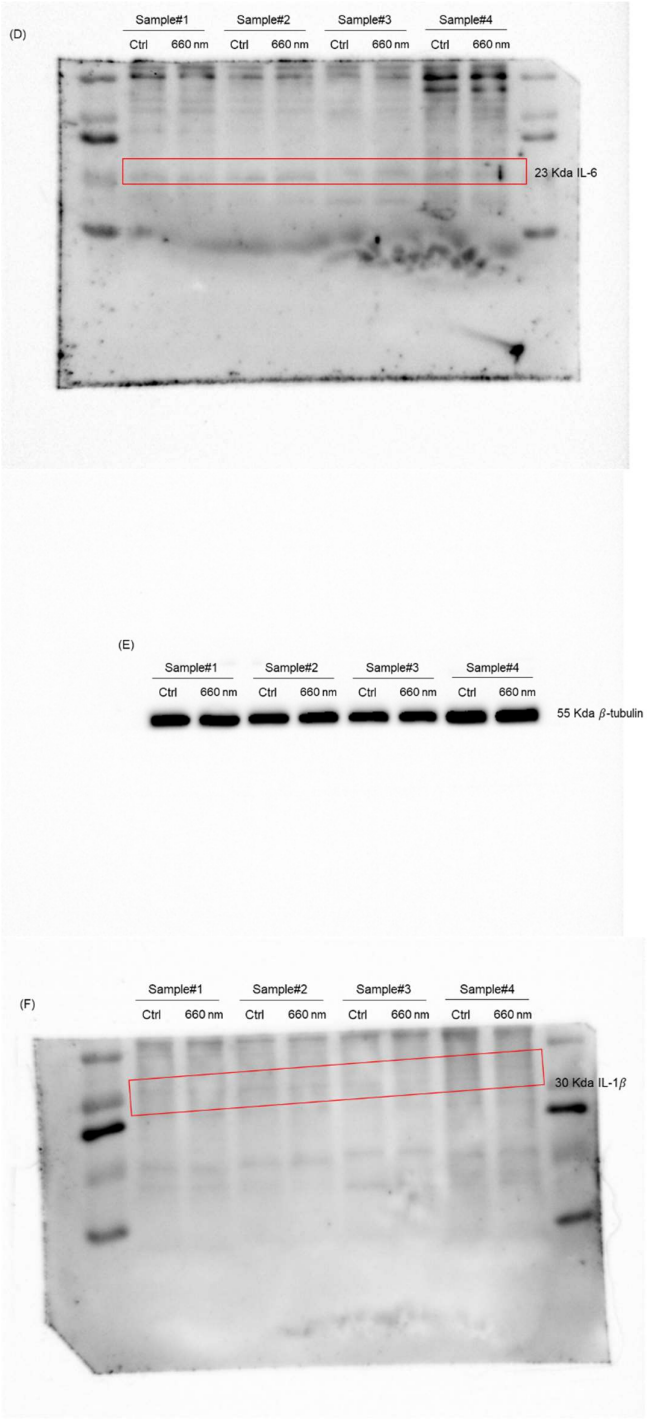


Figure S2. Full-length blots of pro-inflammatory cytokines. (**A**) β-tubulin of TNF*α*, (**B**) TNF*α*, (**C**) β-tubulin of IL-6, (**D**) IL-6, (**E**) IL-1β, (**F**) β-tubulin of IL-1β.

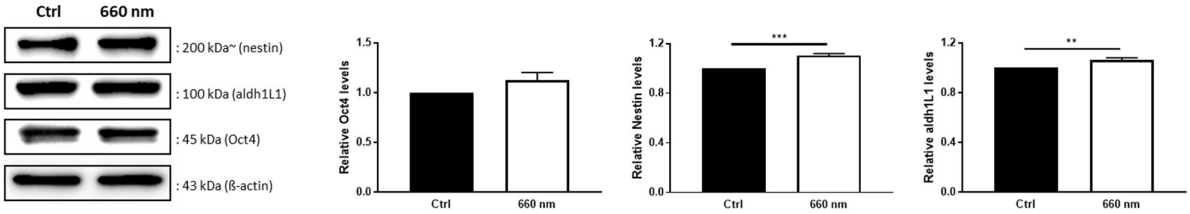
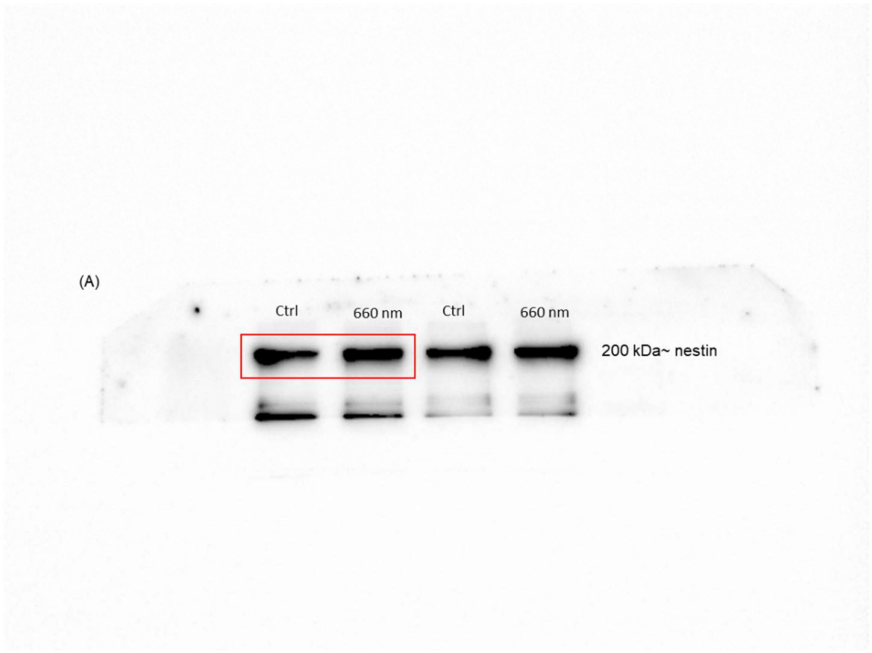


Figure S3. Aldh1L1 of gels/blots was Western blot analysis of proteins related to differentiation of astrocyte ($n = 4$; ** $p < 0.01$; *** $p < 0.001$). Cropped from different gels. All full-length blots/gels are presented in Supplementary Figure S4.



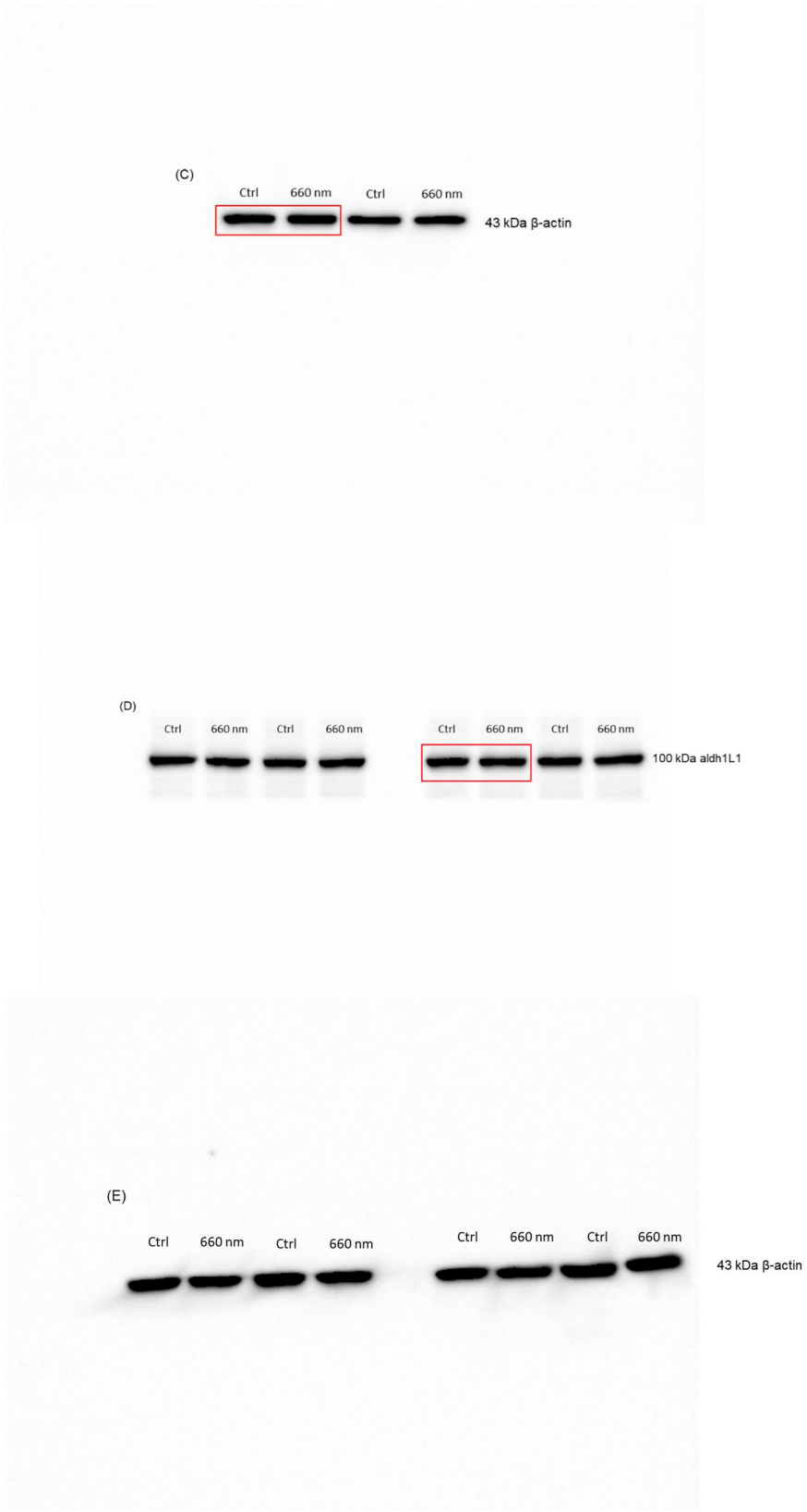


Figure S4. Full-length blots of differentiation of astrocyte Western blot analysis. (**A**) nestin, (**B**) Oct4, (**C**) β-actin, (**D**) aldh1L1, (**E**) β-actin.

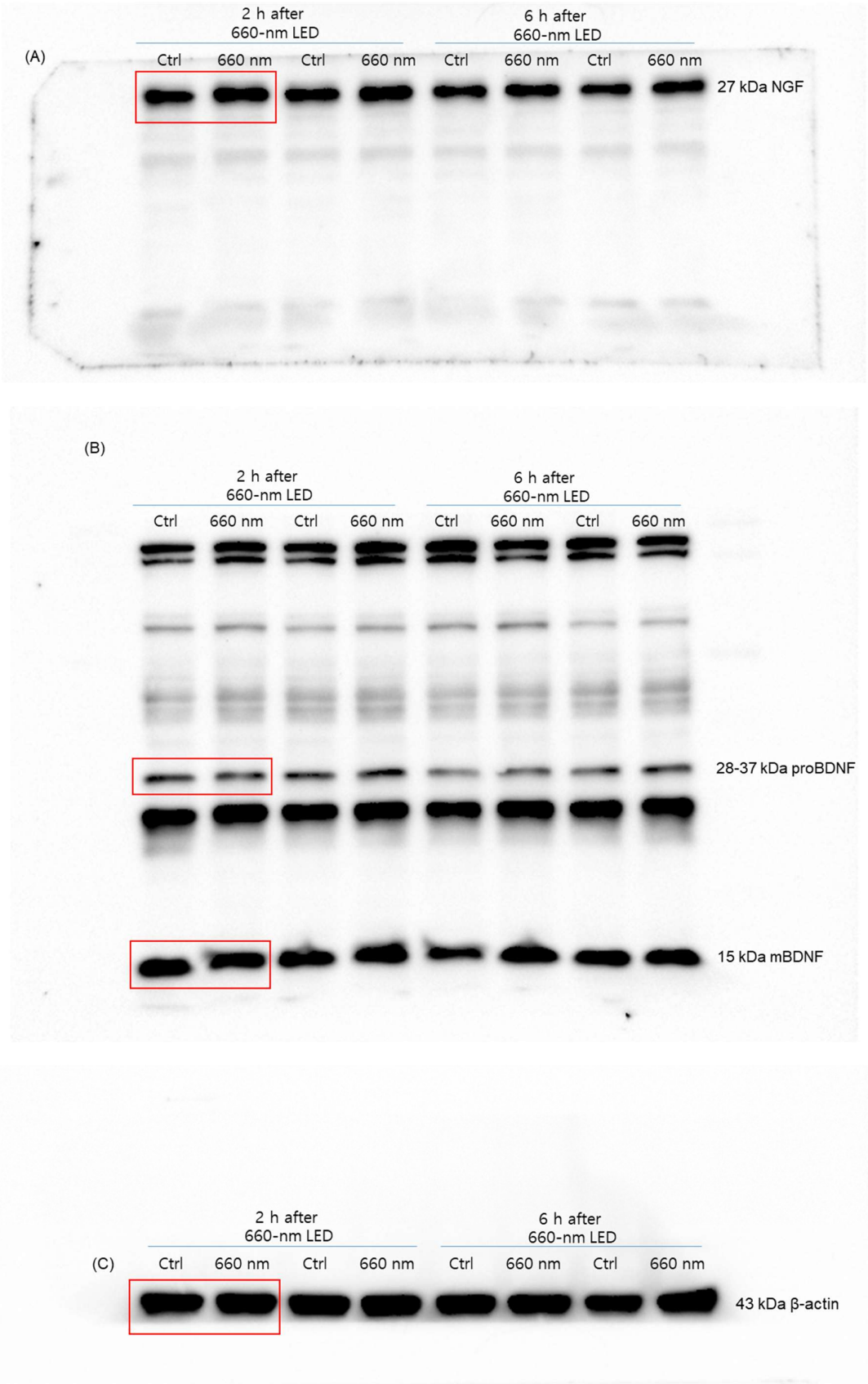


Figure S5. Full-length blots of neurotrophic factor proteins. (**A**) NGF, (**B**) proBDNF and mBDNF, (**C**) β-actin.