ACCSCIENCE PUBLISHING

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RESEARCH ARTICLE

Photothermally regulated antimicrobial and osteogenic 3D-printed scaffolds for diabetic cranial bone regeneration

Supplementary File

Raw western-blot image

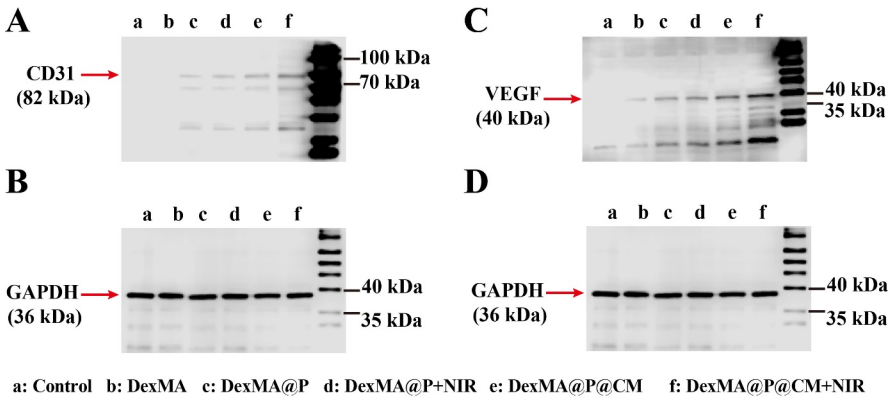

Figure 1. Original Western blot images of CD31, VEGF, and GAPDH in Figure. 6 (O). (A) Western blot image of CD31 (82 kDa). (B) Corresponding GAPDH loading control (36 kDa) for CD31. (C) Western blot image of VEGF (40 kDa). (D) Corresponding GAPDH loading control (36 kDa) for VEGF. Lane assignments: a, Control; b, DexMA; c, DexMA@P; d, DexMA@P+NIR; e, DexMA@P@CM; and f, DexMA@P@CM+NIR. Molecular-weight markers are shown in kilodaltons (kDa).

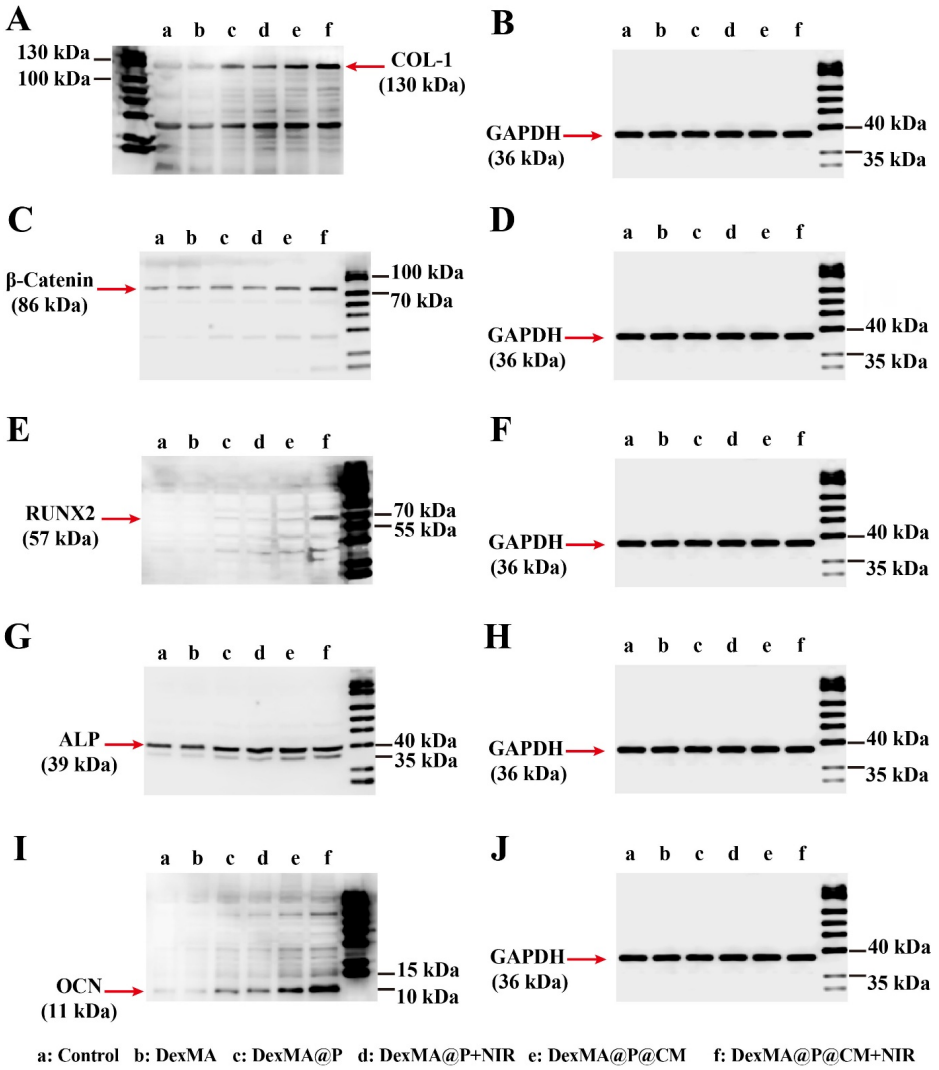

Figure 2. Original Western blot images of osteogenesis-related proteins and GAPDH in Figure. 6 (Q). (A) Western blot image of COL-1 (130 kDa). (B) Corresponding GAPDH loading control (36 kDa) for COL-1. (C) Western blot image of β-Catenin (86 kDa). (D) Corresponding GAPDH loading control (36 kDa) for β-Catenin. (E) Western blot image of RUNX2 (57 kDa). (F) Corresponding GAPDH loading control (36 kDa) for RUNX2. (G) Western blot image of ALP (39 kDa). (H) Corresponding GAPDH loading control (36 kDa) for ALP. (I) Western blot image of OCN (11 kDa). (J) Corresponding GAPDH loading control (36 kDa) for OCN. Lane assignments: a, Control; b, DexMA; c, DexMA@P; d, DexMA@P+NIR; e, DexMA@P@CM; and f, DexMA@P@CM+NIR. Molecular-weight markers are shown in kilodaltons (kDa).