

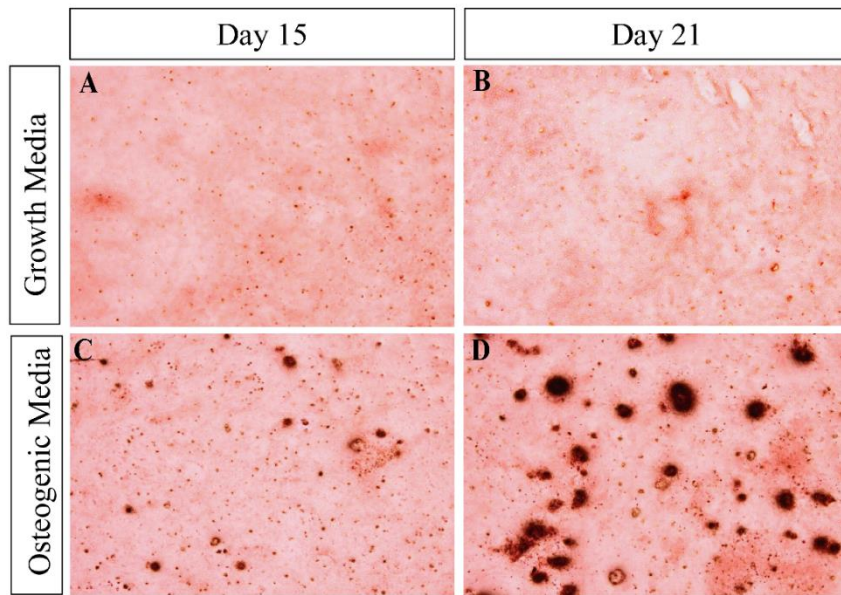
## **Supplemental Material**

# **Htra1 is a Novel Transcriptional Target of RUNX2 That Promotes Osteogenic Differentiation**

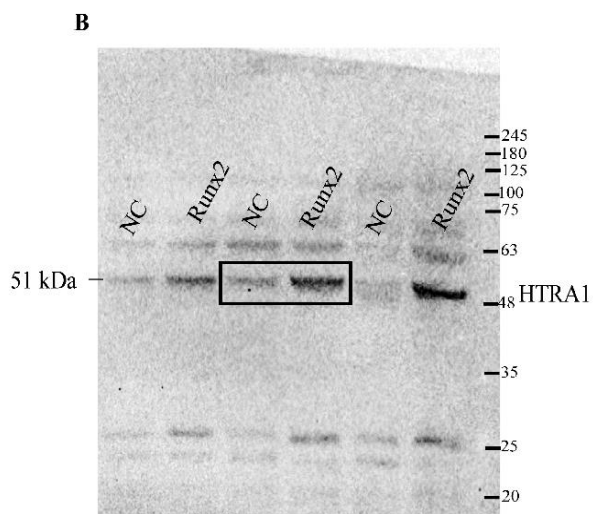
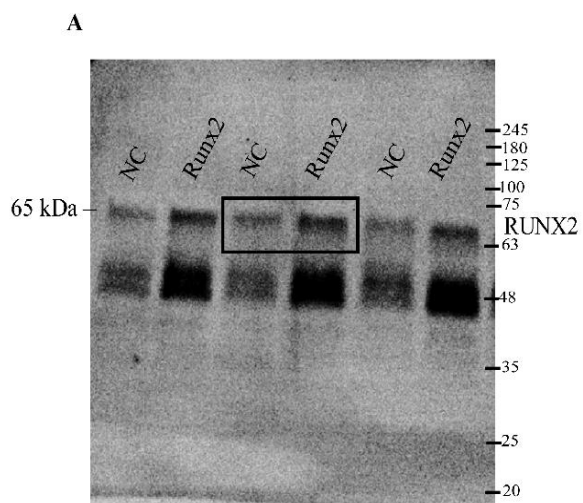
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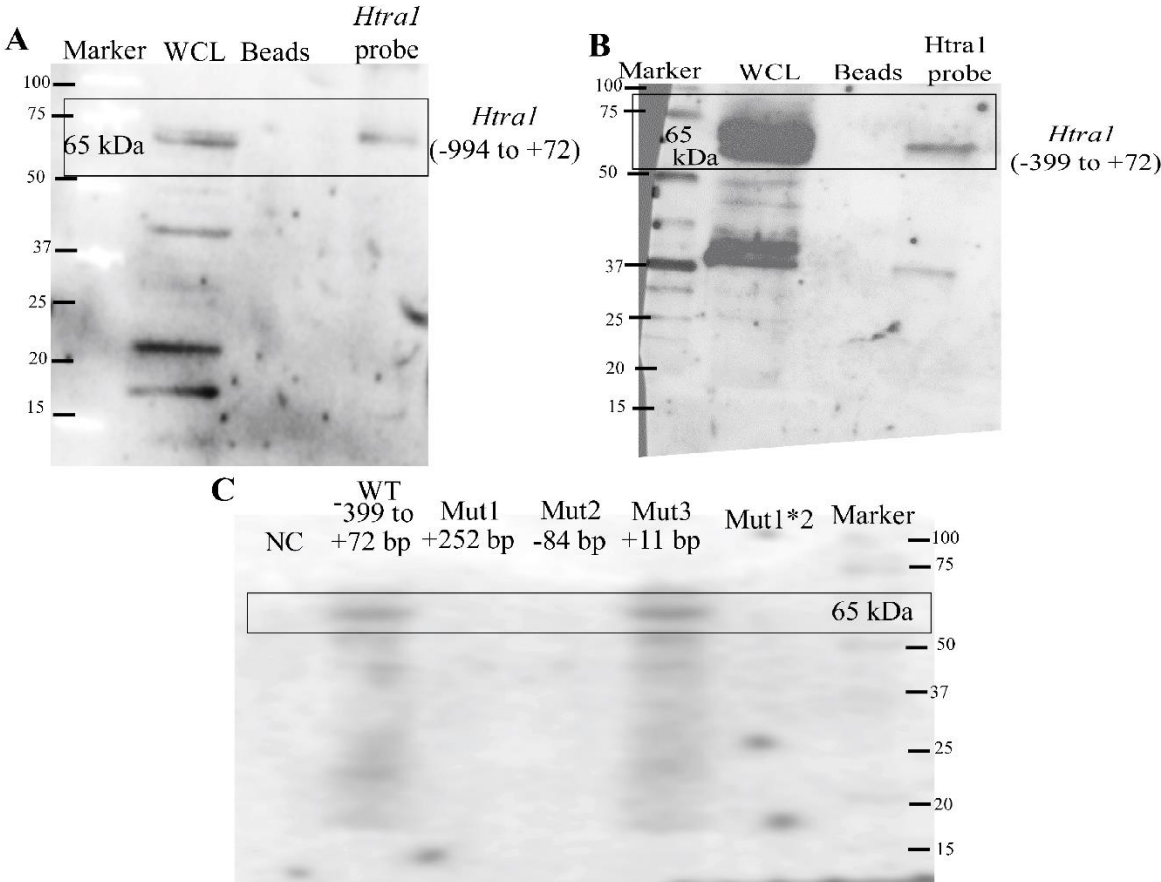
Iyyanar et al., Supplementary Figure 1



Iyyanar et al., Supplementary Figure 2



Iyyanar et al., Supplementary Figure 3



## Supplementary Figure Legends

**Supplementary Figure 1. Mineralized nodules stained by ARS after osteoblast differentiation.** (A and B) ARS stained images of mesenchymal progenitor cells grown in growth media for 15 (A) and 21 (B) days. (C and D) ARS stained images of mesenchymal progenitor cells differentiated using osteogenic media for 15 (C) and 21 (D) days.

**Supplementary Figure 2. Full-length Western blot images of *Runx2* overexpression.** (A) Full-length immunoblot of RUNX2 at day 8 after *Runx2* overexpression (Image corresponding to Figure 4D). (B) Full-length immunoblot image of HTRA1 at day 8 after *Runx2* overexpression (Image corresponding to Figure 4F). Boxed regions in each blots are represented in main figures.

**Supplementary Figure 3. Full-length Western blot images of Streptavidin agarose pull-down assays.** (A) Full-length scanned blot image for figure 4E top panel. (B) Full-length scanned blot image for figure 4E bottom panel. (C) Full-length scanned blot image for figure 6C. Boxed regions in each blots are represented in main figures.