

Effects of histone deacetylase inhibitor valproic acid on skeletal myocyte development

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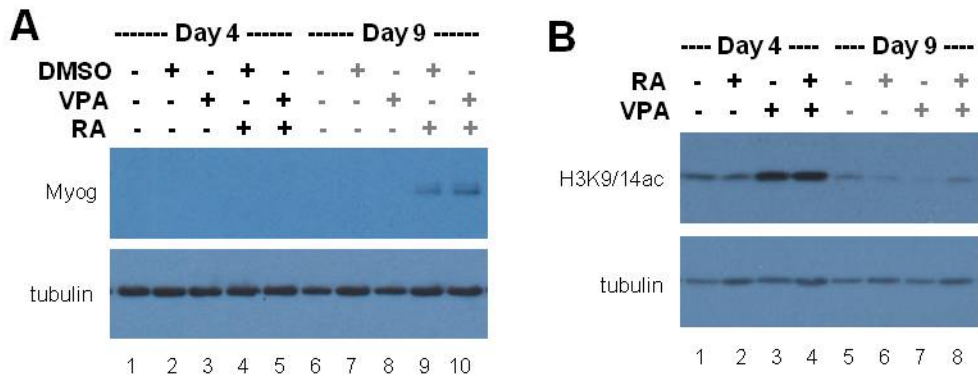


Figure S1. (A) The full-length Western blots of the Figure 2B. Cells were grown as EBs for 4 days and treated with DMSO (1%), RA (10 nM) or valproic acid (VPA, 0.5 mM). The cells were cultured for an additional 5 days without treatment. Myogenin protein expression was examined by Western blotting on day 4 and day 9 of differentiation. The blot was then stripped and reprobed for β -tubulin that serves as a loading control. (B) The full-length Western blots of the Figure 2C. The levels of H3K9/14 acetylation (H3K9/14ac) were examined by Western blotting. The blot was then stripped and reprobed for β -tubulin that serves as a loading control