

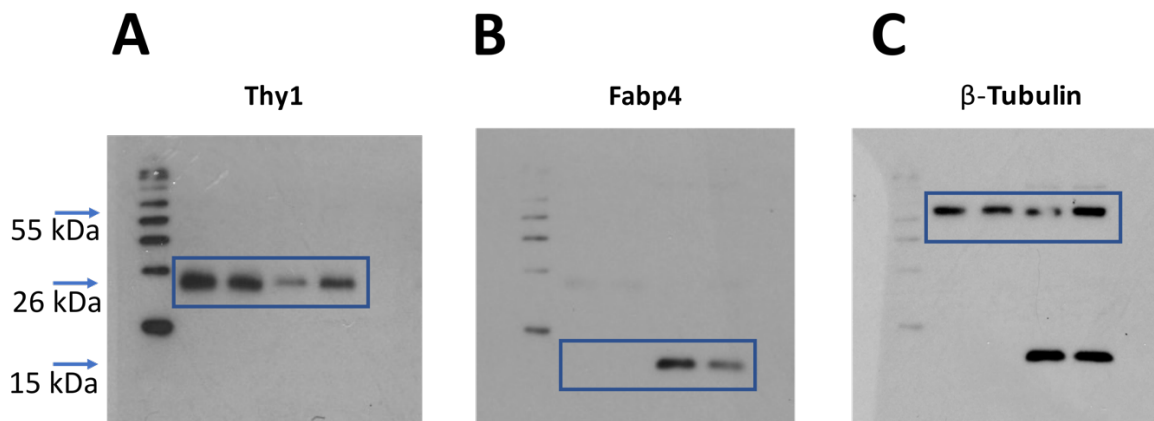
Supplementary information for the article:

Thy1 (CD90) expression is regulated by DNA methylation during adipogenesis

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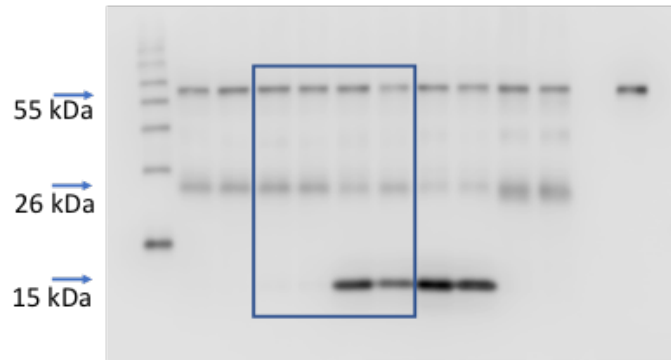
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Please refer to materials and methods and results section of main manuscript for more information pertaining to experimental design and details.



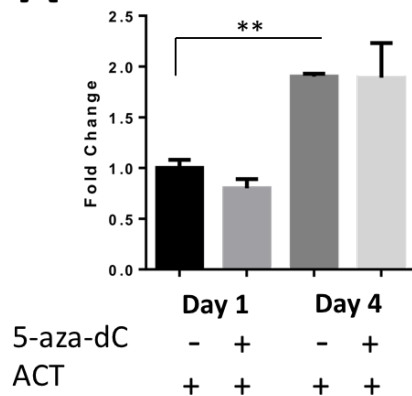
Supplementary Fig 1: Mouse mesenchymal stem cells. Western blots from figure 1 in main manuscript. A) Thy1 antibody bands appear at 26kDa. B) Fabp4 bands appear at 15kDa. C) β -Tubulin bands appear at 55kDa. Magic Mark XP protein ladder used.

A



Supplementary Fig 2: Mouse pre-adipocyte 3T3-L1 cells. Western blots from figure 2 in main manuscript. A) Thy1 antibody bands appear at 26kDa. Fabp4 bands appear at 15kDa. β -Tubulin bands appear at 55kDa. Magic Mark XP protein ladder used.

A



Supplementary Fig 3: 3T3-L1 preadipocyte cells were given the adipogenic cocktail (ACT) and treated daily with the methylation inhibitor, 5-aza-dC, and harvested on day 1 and day 4. A) As expected, there was an increase in miR-103 expression during adipogenesis. However, there were no significant changes in expression with 5-aza-dC at either time point. **= $p < .001$