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3. He MY, Xu SB, Qu ZH, Guo YM, Liu XC, Cong XX, Wang JF, Low BC, Li L, Wu Q, Lin P, Yan SG, Bao Z, Zhou  
-dependent senescence during skeletal muscle  
regeneration. *Aging Cell* 2019 Oct;18(5):e13003.
4. Wong YQ, Xu H, **Wu Q**, Liu X, Lufei C, Xu XQ, Fu XY. STAT3-Inducible Mouse ESCs: A Model to Study the Role  
of STAT3 in ESC Maintenance and Lineage Differentiation. *Stem Cells International* 2018:8632950.
5. Chen L, Ye Y, Dai H, Zhang H, Zhang X, Wu Q, Zhu Z, Spalinskas R, Ren W, Zhang W. User-Friendly Genetic  
Conditional Knockout Strategies by CRISPR/Cas9. *Stem Cells International* 2018:9576959. 3.989
6. Yu S, Ma H, Ow JR, Goh Z, Chiang CM, Yang H<sup>#</sup>, Loh YH<sup>#</sup> and **Wu Q<sup>#</sup>**. Zfp553 is essential for maintenance and  
acquisition of pluripotency. *Stem Cells and Development* 2016 25(1):55-67.
7. Ma H, Ow JR, Tan BC, Goh Z, Feng B, Loh YH, Fedele M<sup>#</sup>, Li H<sup>#</sup> and **Wu Q<sup>#</sup>**. The dosage of Patz1 modulates  
reprogramming process. *Scientific Reports* 2014 Dec 17;4:7519.
8. Yang W, Lee YH, Jones AE, Woolnough JL, Zhou D, Dai Q, **Wu Q**, Giles KE, Townes TM and Wang H. The  
histone H2A deubiquitinase Usp16 regulates embryonic stem cell gene expression and lineage commitment.  
*Nature Communications* 2014 May 2;5:3818.
9. Ow JR, Ma H, Jean A, Lee YH, Chong YM, Soong R, Fu XY, Yang H<sup>#</sup> and **Wu Q<sup>#</sup>**. Patz1 regulates embryonic  
stem cell identity. *Stem Cells and Development* 2014 23 (10):1062-1073.
10. Ma H, Ng HM, Teh X, Li H, Lee YH, Chong YM, Loh YH, Collins JJ, Feng B, Yang H<sup>#</sup> and **Wu Q<sup>#</sup>**. Zfp322a  
regulates mouse ES cell pluripotency and enhances reprogramming efficiency. *PLoS Genetics* 2014 10(2):  
e1004038.
11. Do DV, Ueda J, Messerschmidt DM, Lorthongpanich C, Zhou Y, Feng B, Guo G, Lin PJ, Hossain MZ, Zhang  
W, Moh A, **Wu Q**, Robson P, Ng HH, Poellinger L, Knowles BB, Solter D and Fu XY. A genetic and developmental  
pathway from STAT3 to the OCT4-NANOG circuit is essential for maintenance of ICM lineages in vivo. *Genes &  
Development* 2013 27:1378-1390.
- 12 Ma H, Ow JR, Chen X and **Wu Q<sup>#</sup>**. With or without them: essential roles of cofactors in ES Cells. *Journal of  
Stem Cell Research & Therapy* 2012 S10:006.
13. Lee YH, Ma H, Tan TZ, Ng SS, Soong R, Mori S, Fu XY, Zernicka-Goetz M and **Wu Q<sup>#</sup>**. Protein arginine  
methyltransferase 6 regulates embryonic stem cell identity. *Stem Cells and Development* 2012 21(14):2613-2622.
14. **Wu Q<sup>#</sup>** and Ng HH<sup>#</sup>. Mark the transition: chromatin modifications and cell fate decision. *Cell Research* 2011  
21(10):1388-1390.
15. Lee YH and **Wu Q<sup>#</sup>**. Chromatin regulation landscape of embryonic stem cell identity. *Bioscience Reports* 2011  
31(2): 77-86.
16. **Wu Q<sup>\*</sup>**, Bruce AW<sup>\*</sup>, Jedrusik A, Ellis PD, Andrews RM, Langford CF, Glover DM and Zernicka-Goetz M. CARM1  
is required in ES cells to maintain pluripotency and resist differentiation. *Stem Cells* 2009 27(11):2637-2645.

17. **Wu Q** \*, Chen X \*, Zhang J, Loh YH, Low TY, Zhang W, Zhang W, Sze SK, Lim B, and Ng HH. Sall4 interacts with Nanog and co-occupies Nanog genomic sites in embryonic stem Cells. *Journal of Biological Chemistry* 2006 (281):24090-24094.

18. Loh YH\*, **Wu Q** \*, Chew JL\*, Vega VB, Zhang W, Chen X, Bourque G, George J, Leong B, Liu J, Wong KY,