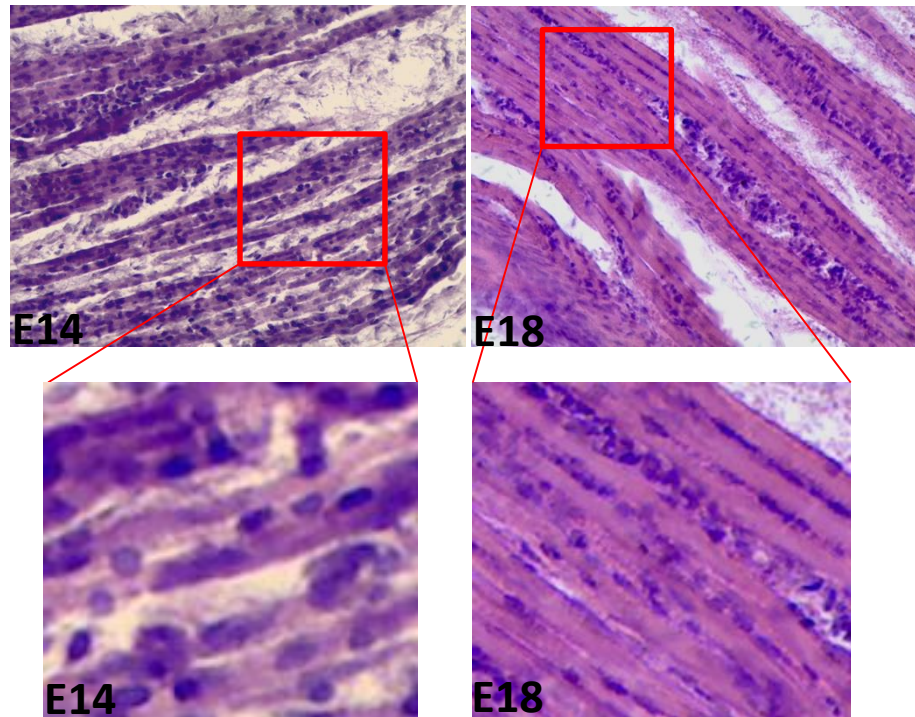
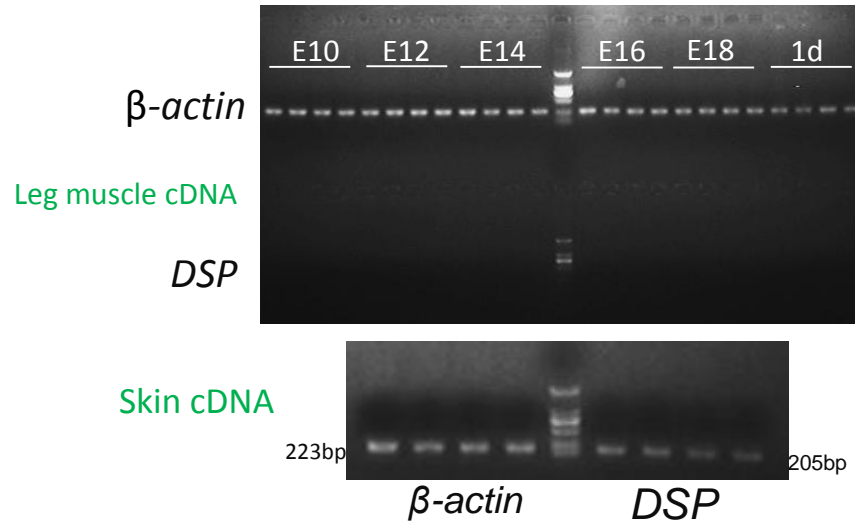


Supplementary file 1. miR-203 expression in normal chicken leg muscles, and in different sex of dwarf chickens leg muscles.

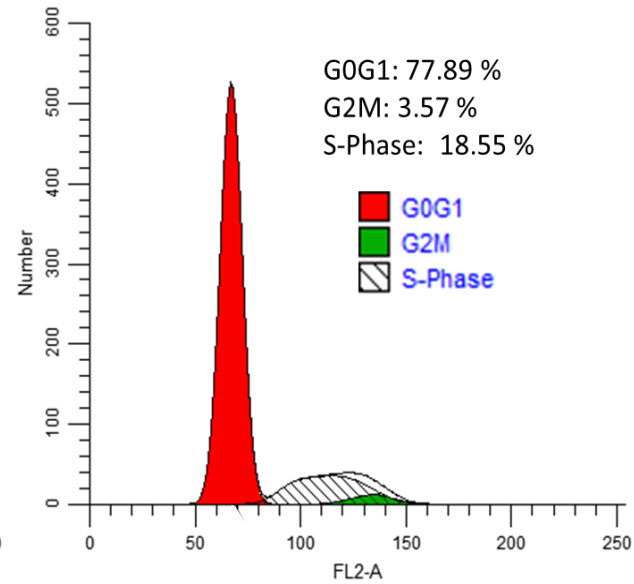
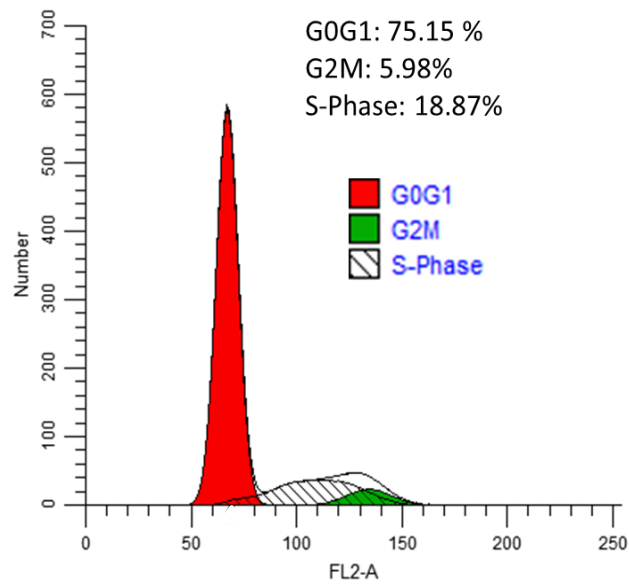
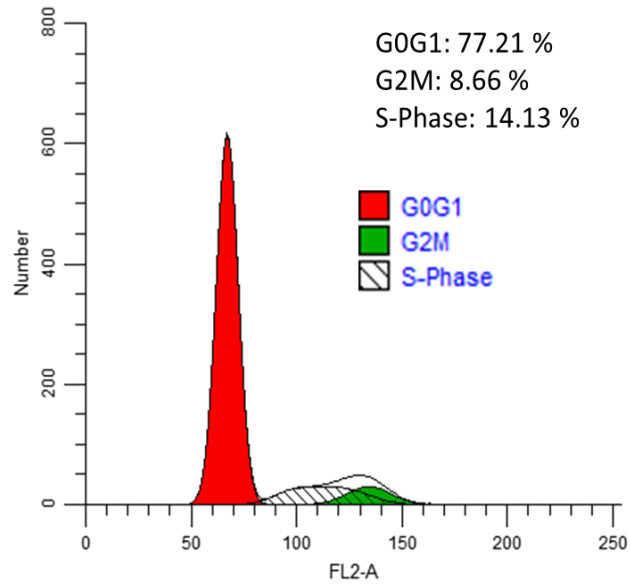


Supplementary file 2. H-E staining of leg muscle fiber vertical section of E14 and E18 dwarf chicken.

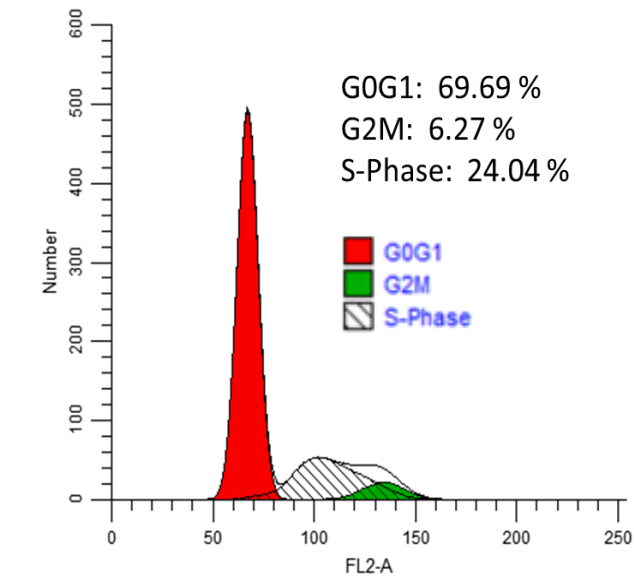
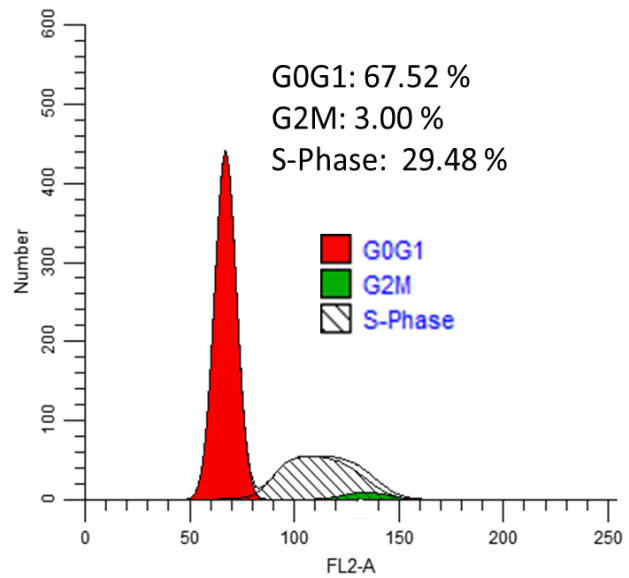
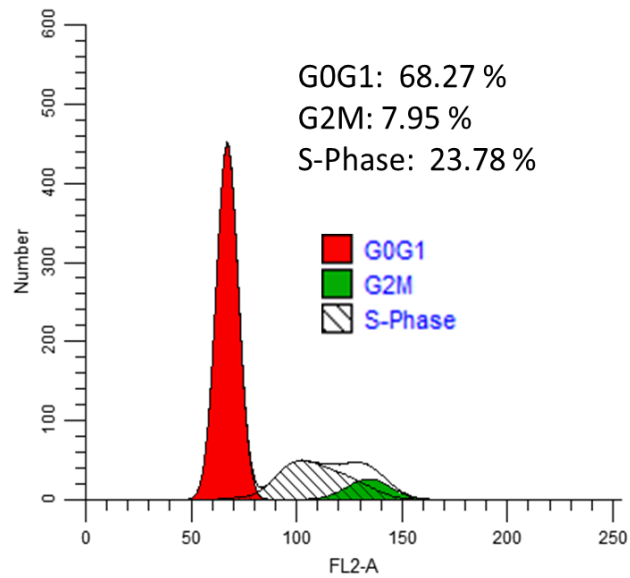


Supplementary file 3. RT-PCR validation that skin-specific gene *DSP* is not expressed in embryonic skeletal muscle samples. β -actin was used as the reference gene, skin cDNAs were used as reference samples.

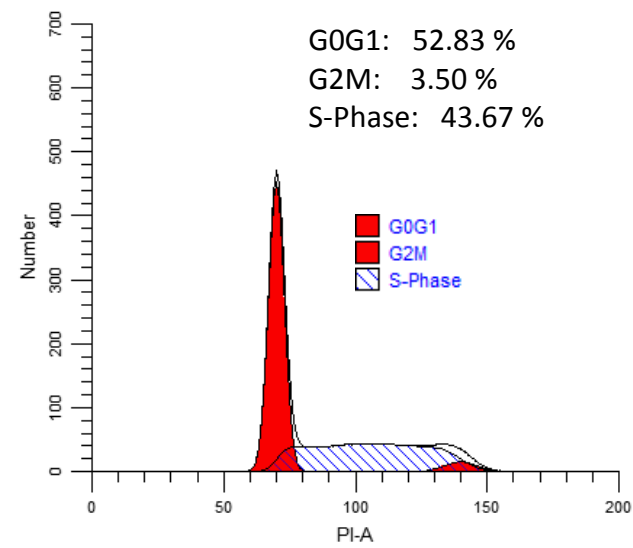
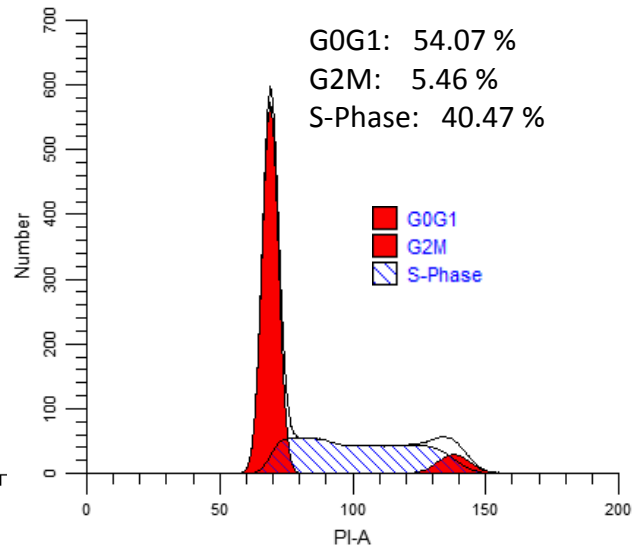
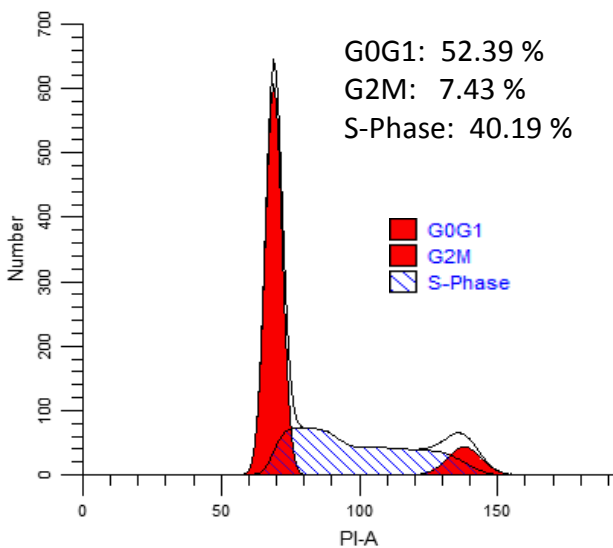
miR-203



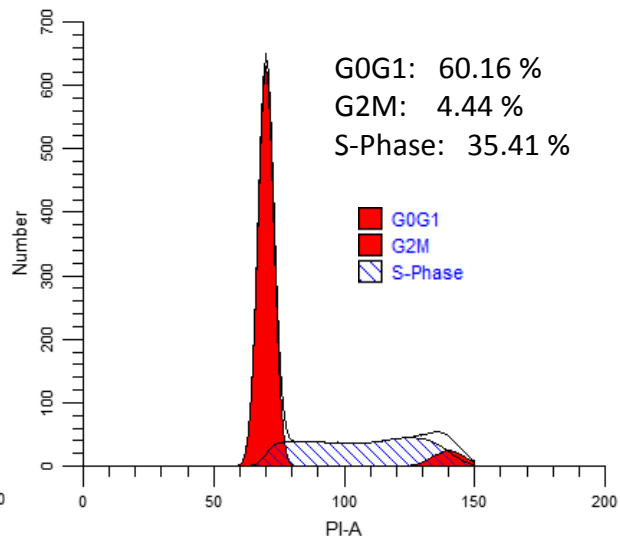
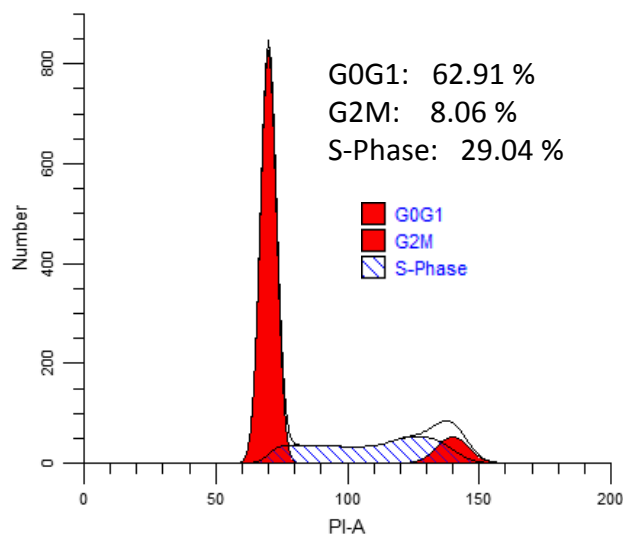
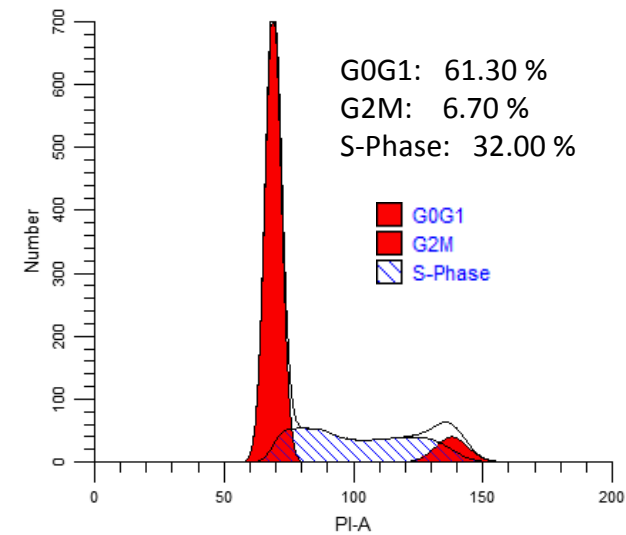
control



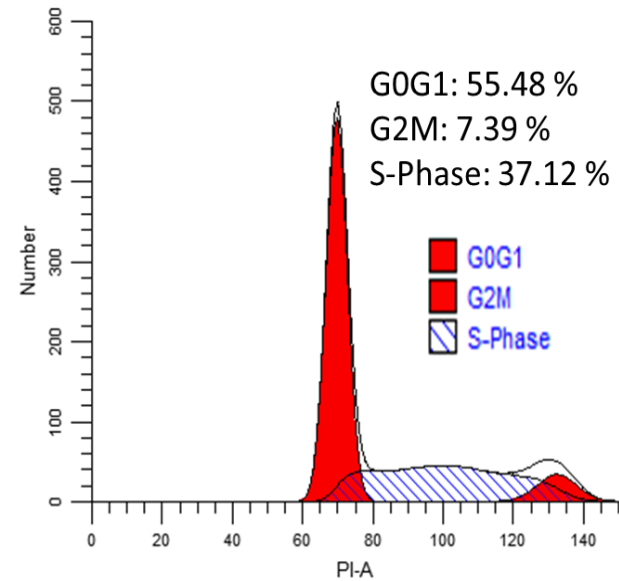
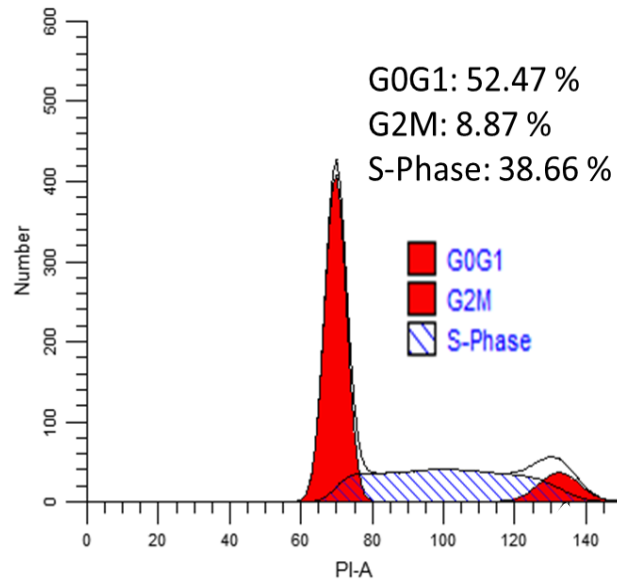
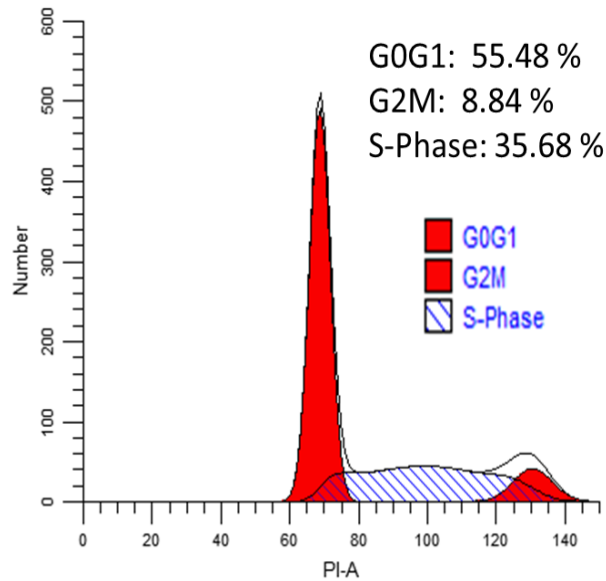
Anti-miR-203



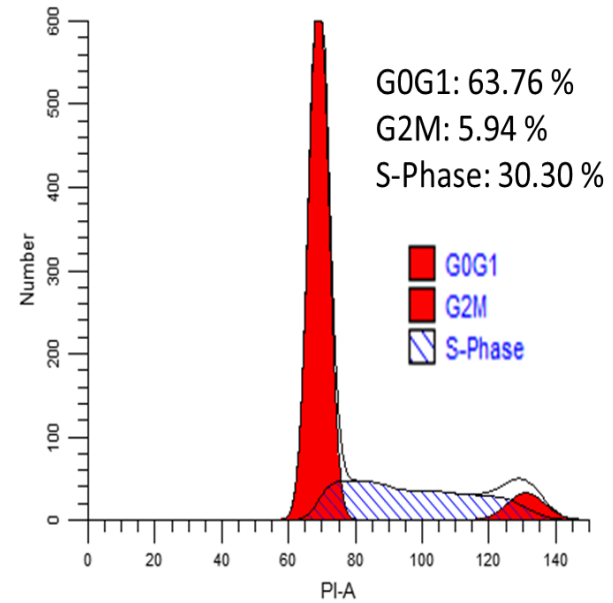
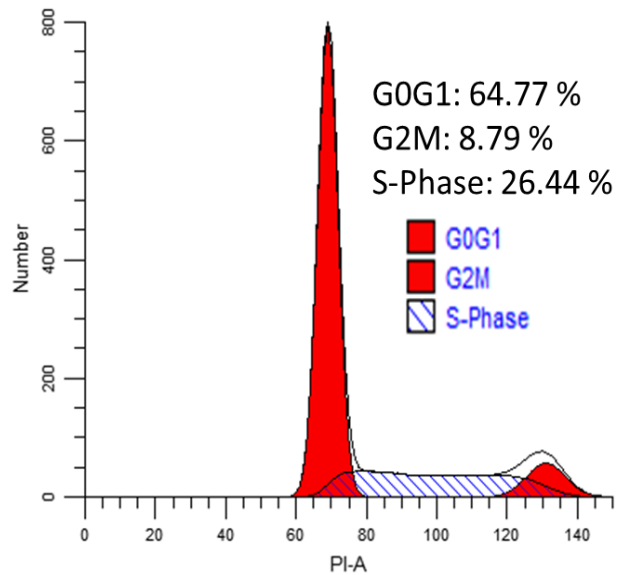
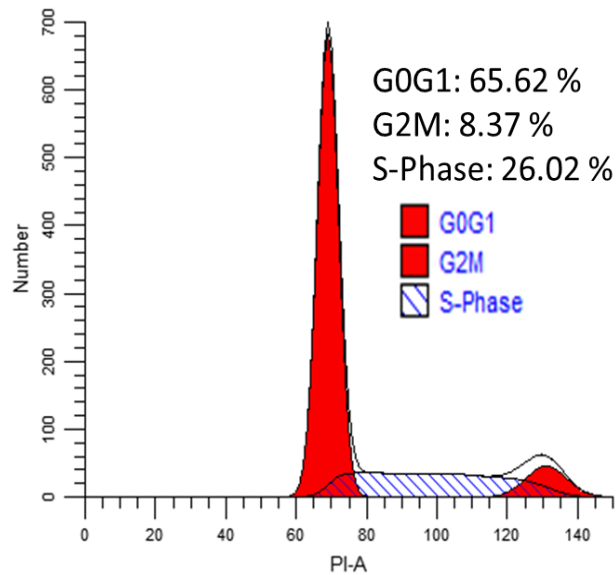
Anti-NC



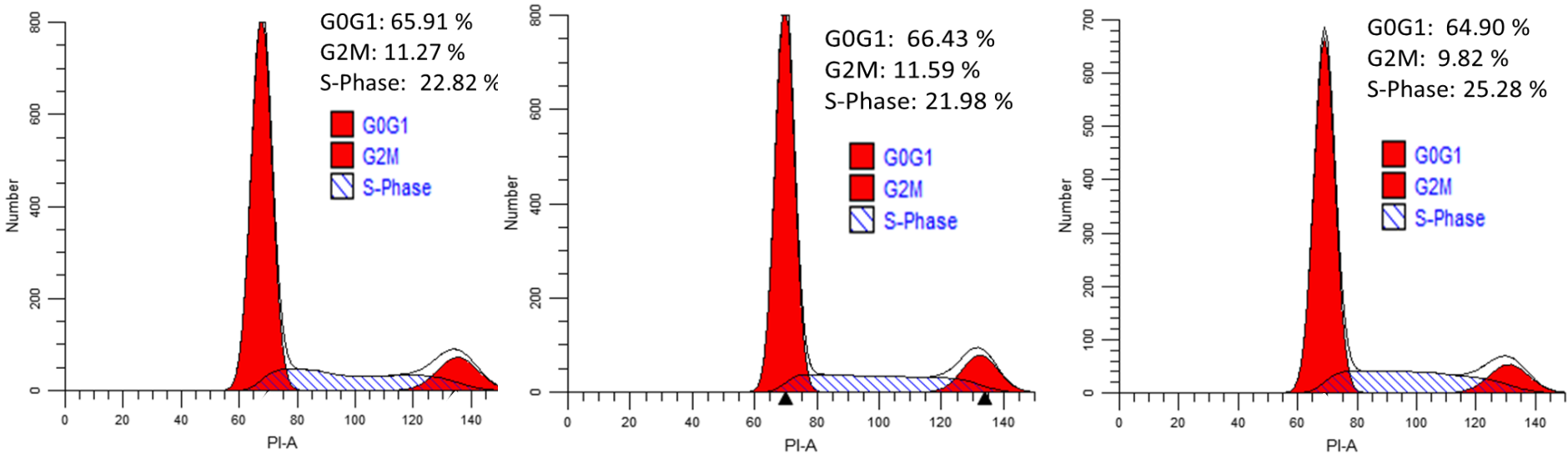
pcDNA3.1-c-JUN



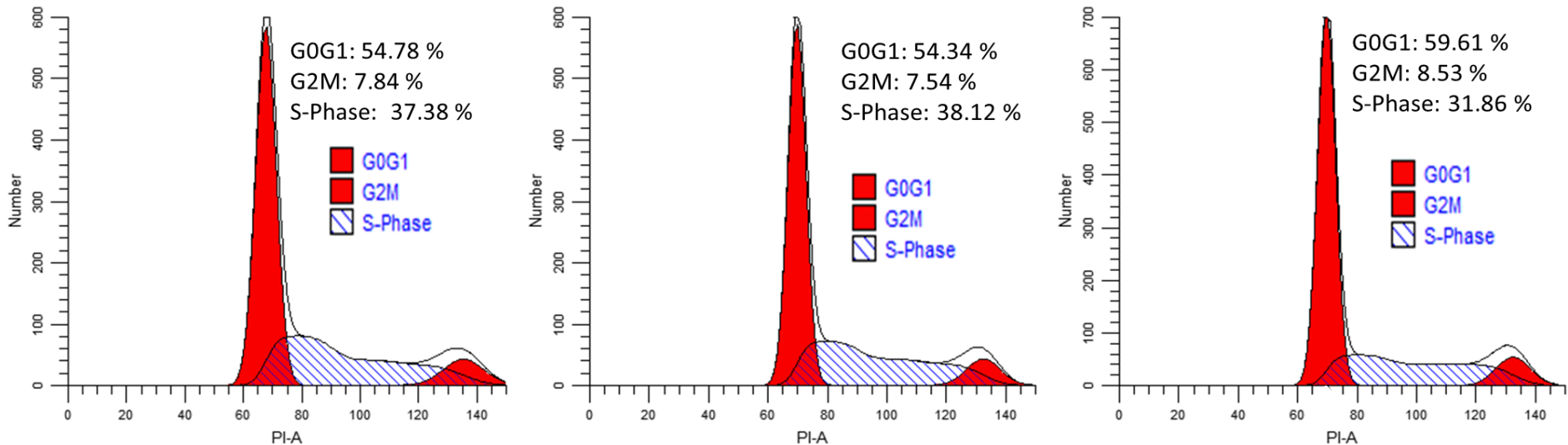
pcDNA3.1



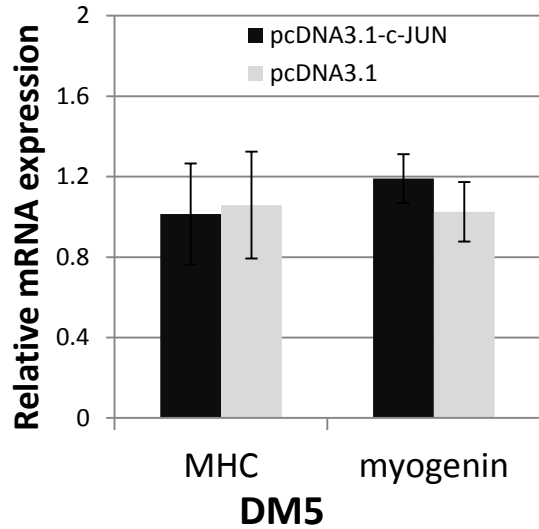
si-c-JUN



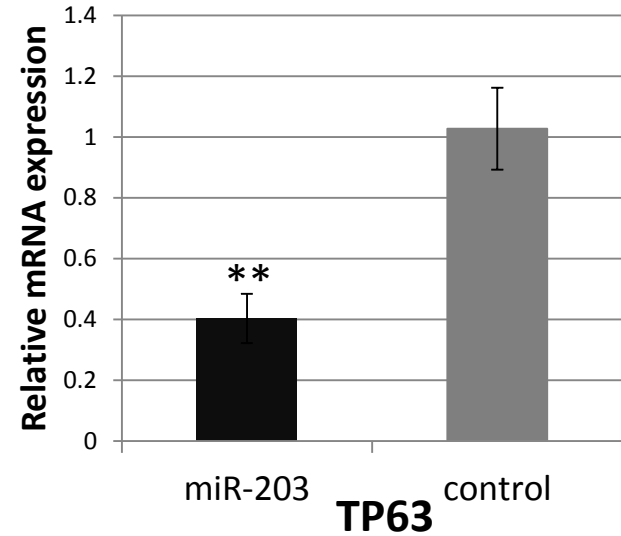
si-NC



Supplementary file 7. The histograms of cell cycle analyzed by flow cytometry



Supplementary file 8. Overexpression of *c-JUN* has no effect on the mRNA expression of *MHC* and *myogenin*.



Supplementary file 9. miR-203 overexpression significantly inhibit *TP63* mRNA expression.