Figure S2 (related to Figure 3):

A  
5mC Day 0  
5mC Day 10  
5mC Day 20  
Saturation analysis  
Number of reads  
Saturation cor: 0.91; Estimated cor: 0.96  

B  
5hmC  
Total Peaks (%)  
3'UTR  exon  intergenic  intron  TSS  TTS  5'UTR  non-coding  
Day 0  Day 10  Day 20  

C  
5mC  
Total Peaks (%)  
3'UTR  exon  intergenic  intron  TSS  TTS  5'UTR  non-coding  
Day 0  Day 10  Day 20  

D  
Class I  Class II  
Read count Per Million mapped reads  
Genomic Region (5' → 3')  
Day of Differentiation (ATDC5)  

E  
Percent of all SOX9 peaks  
Day 0  Day 10  Day 20  

F  
Biopathways for SOX9 genes  
with 5hmC in Day 20 ATDC5 cells  

G  
SOX9 genes without 5hmC  
in Day 20 ATDC5 cells  
Transcription Factors  
Biopaths  
Activation of mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S ribosomal preinitiation complex  
Cytoplasmic ribosomal proteins  
Translation  
Influenza viral RNA transcription and replication  
Influenza infection  
Cap-dependent translation initiation  
Protein metabolism  
Respiratory electron transport, ATP biosynthesis by chemiosmotic coupling, and heat production by uncoupling proteins  
Tricarboxylic acid (TCA) cycle and respiratory electron transport  
Translation  
Influenza viral RNA transcription and replication  
Influenza infection  
Cap-dependent translation initiation  
Protein metabolism  
Respiratory electron transport, ATP biosynthesis by chemiosmotic coupling, and heat production by uncoupling proteins  
Tricarboxylic acid (TCA) cycle and respiratory electron transport  
