Figure S1. The bisulfite sequencing mode map for DMR in EDN1 gene

Figure S2. The bisulfite sequencing mode map for DMR in *LAMC2* gene

Figure S3. The bisulfite sequencing mode map for DMR in *NR1D1* gene

Figure S4. The bisulfite sequencing mode map for DMR in *RORB* gene

Figure S5. The bisulfite sequencing mode map for DMR in *MYOZ3* gene



Figure S6. Extraction and identification of recombinant plasmid pLEX-MCS-WNT2

Note: No.1 and No.2 are empty lentiviral plasmids pLEX-MCS; No.3 and No.4 are recombinant plasmids pLEX-MCS-WNT2.

Figure S7. Peak sequencing of recombinant plasmid pLEX-MCS-WNT2