

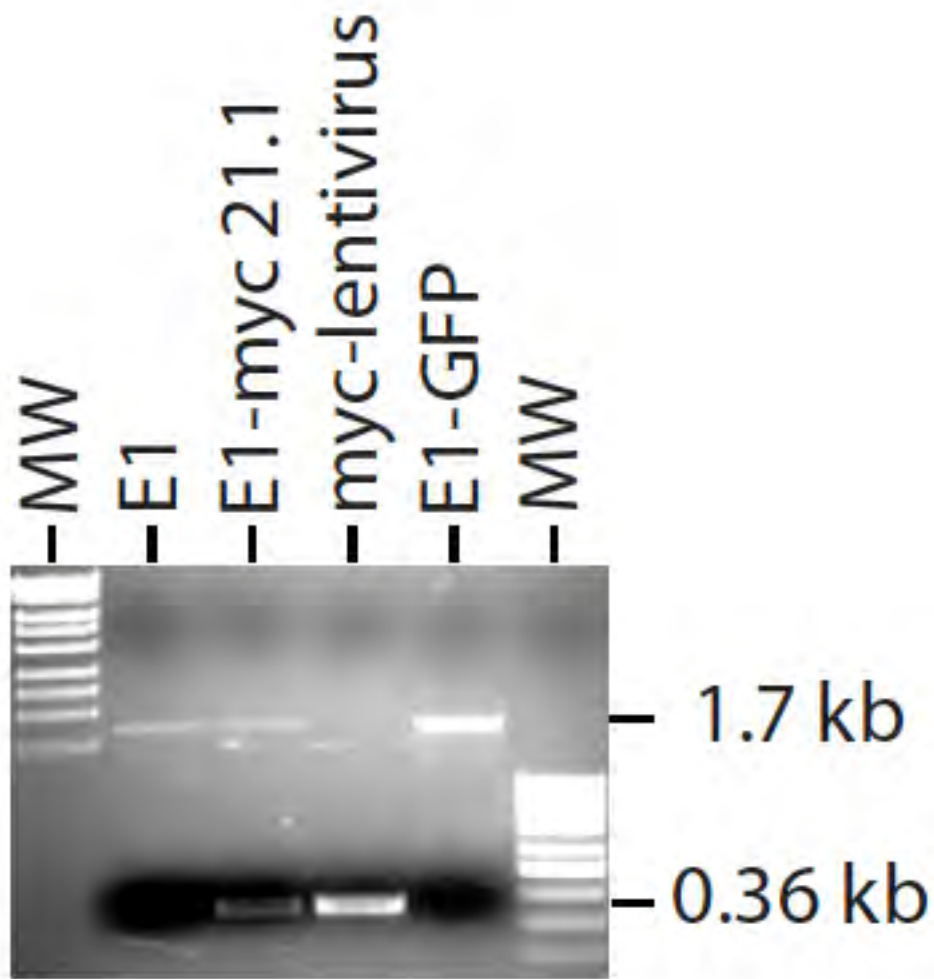
FIGURE 1A

FIGURE 1B

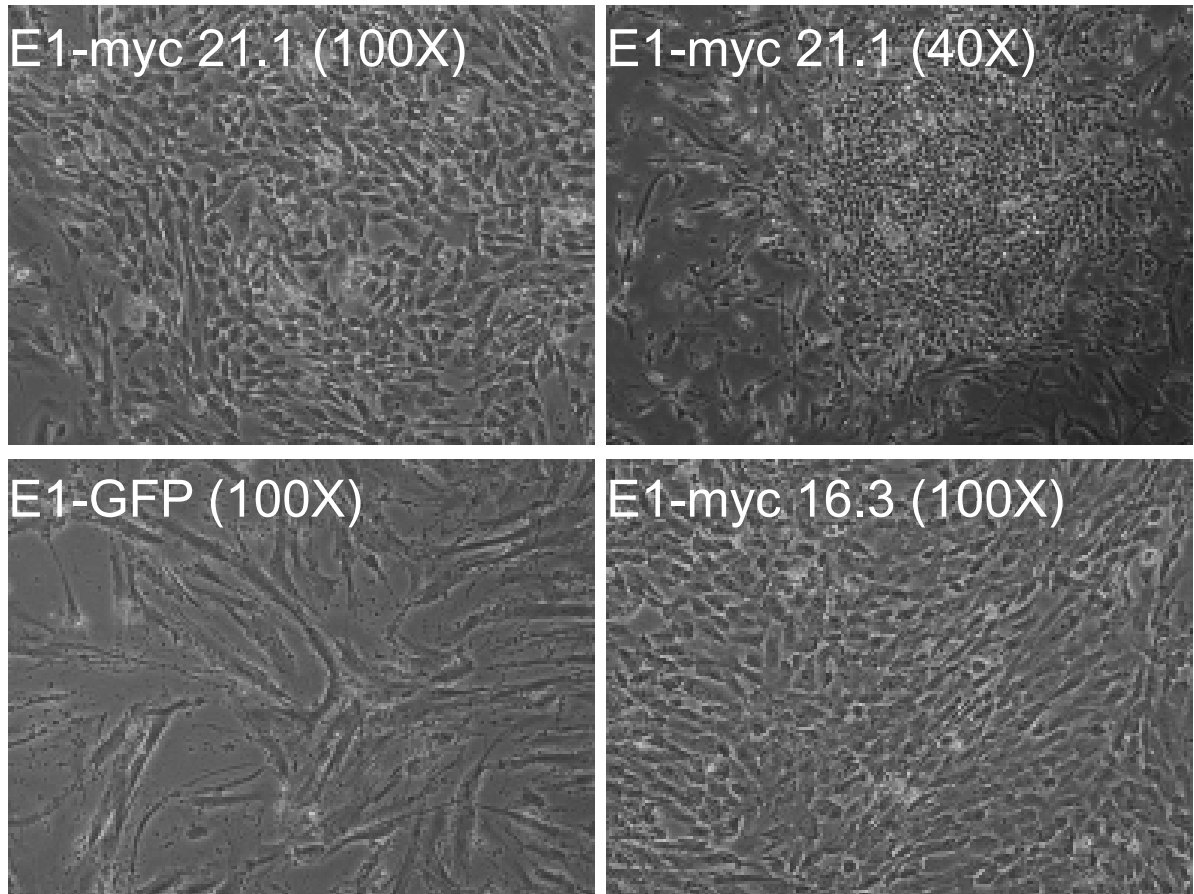


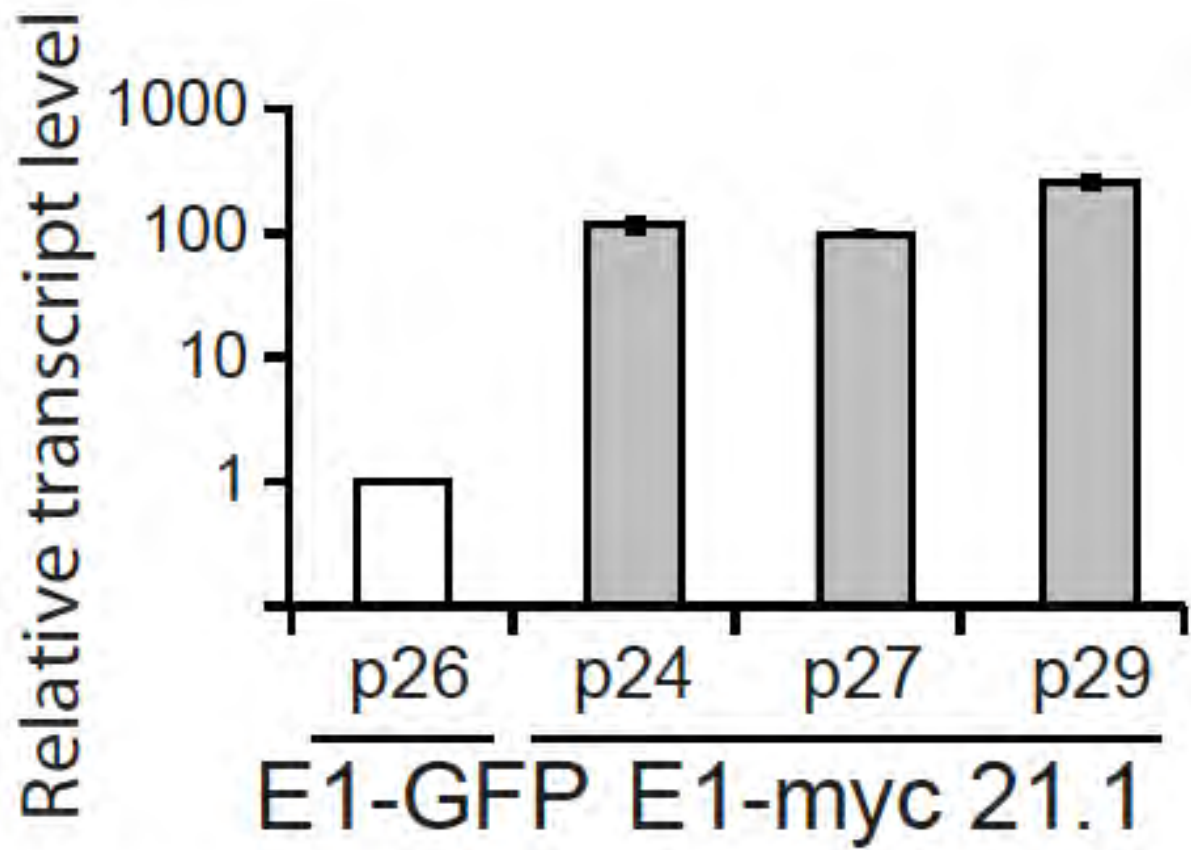
FIGURE 1C

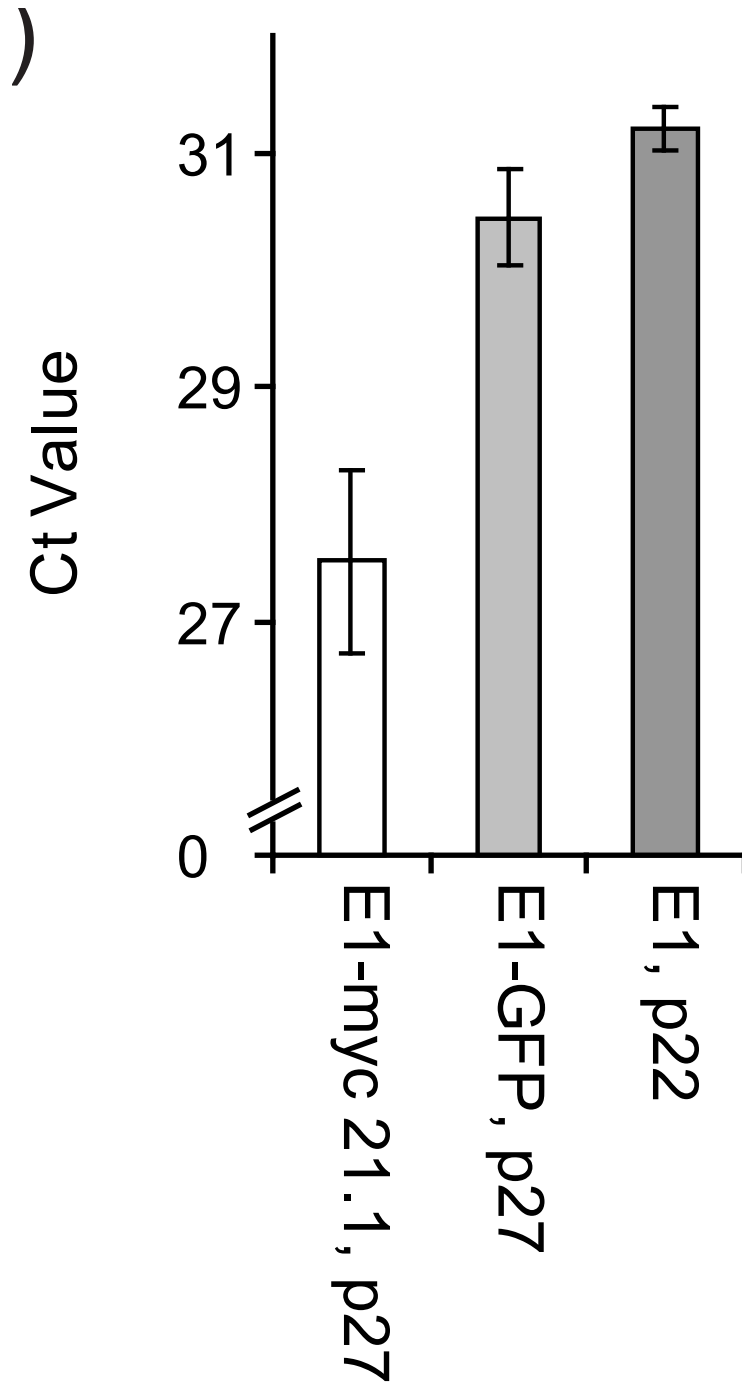
FIGURE 1D

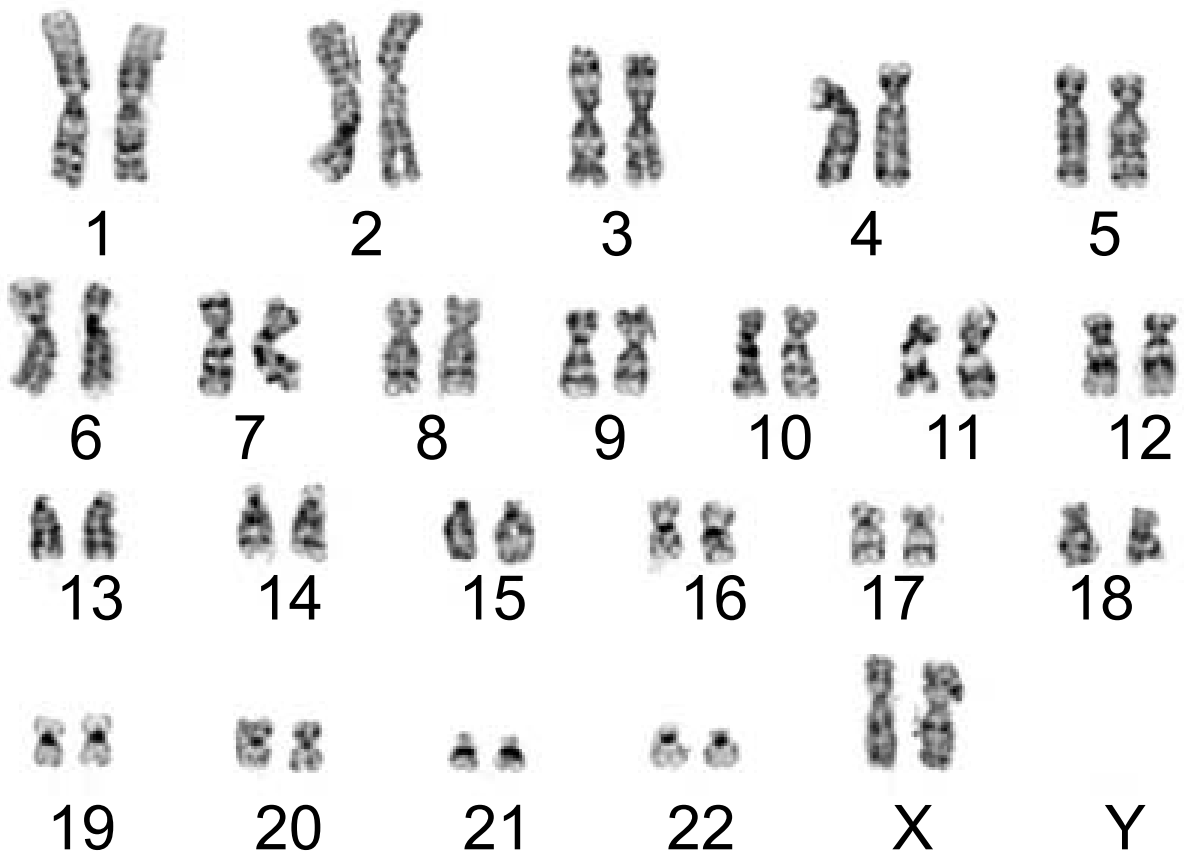
FIGURE 1E

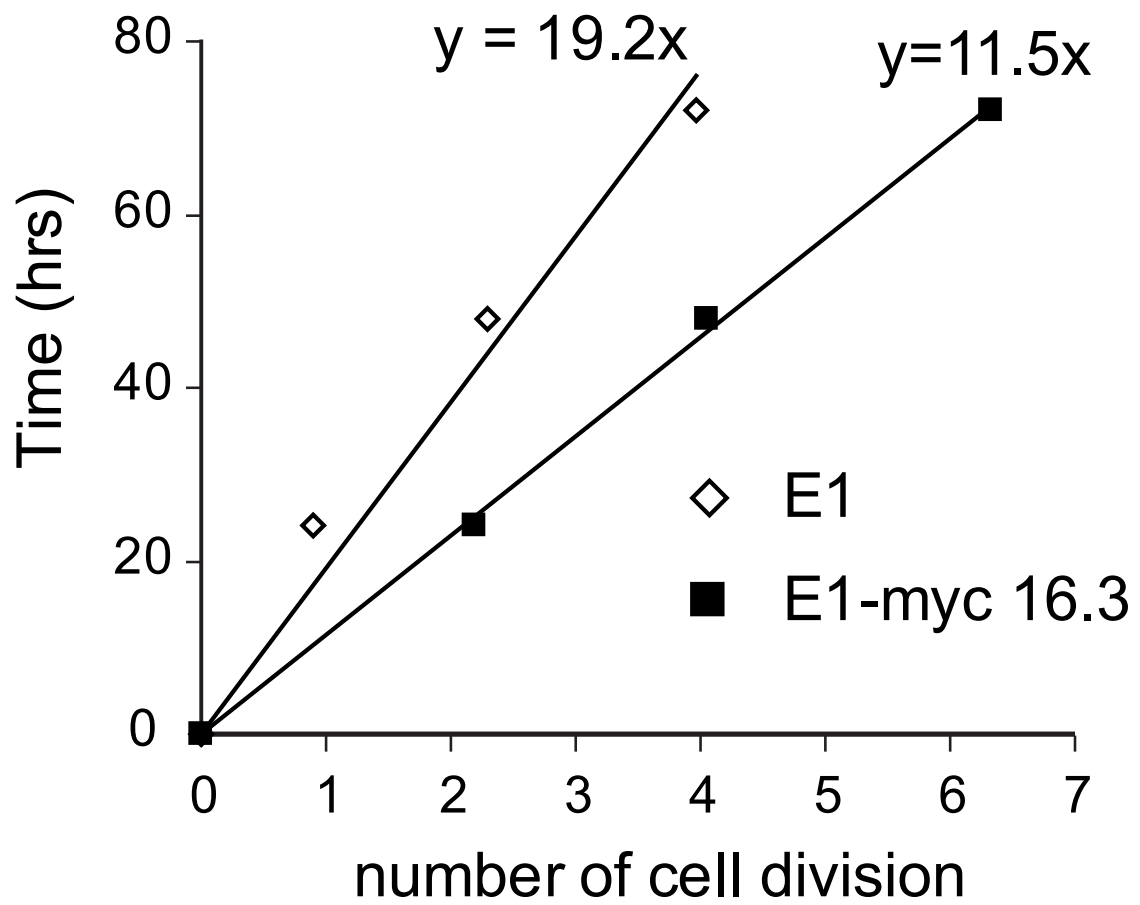
FIGURE 1F

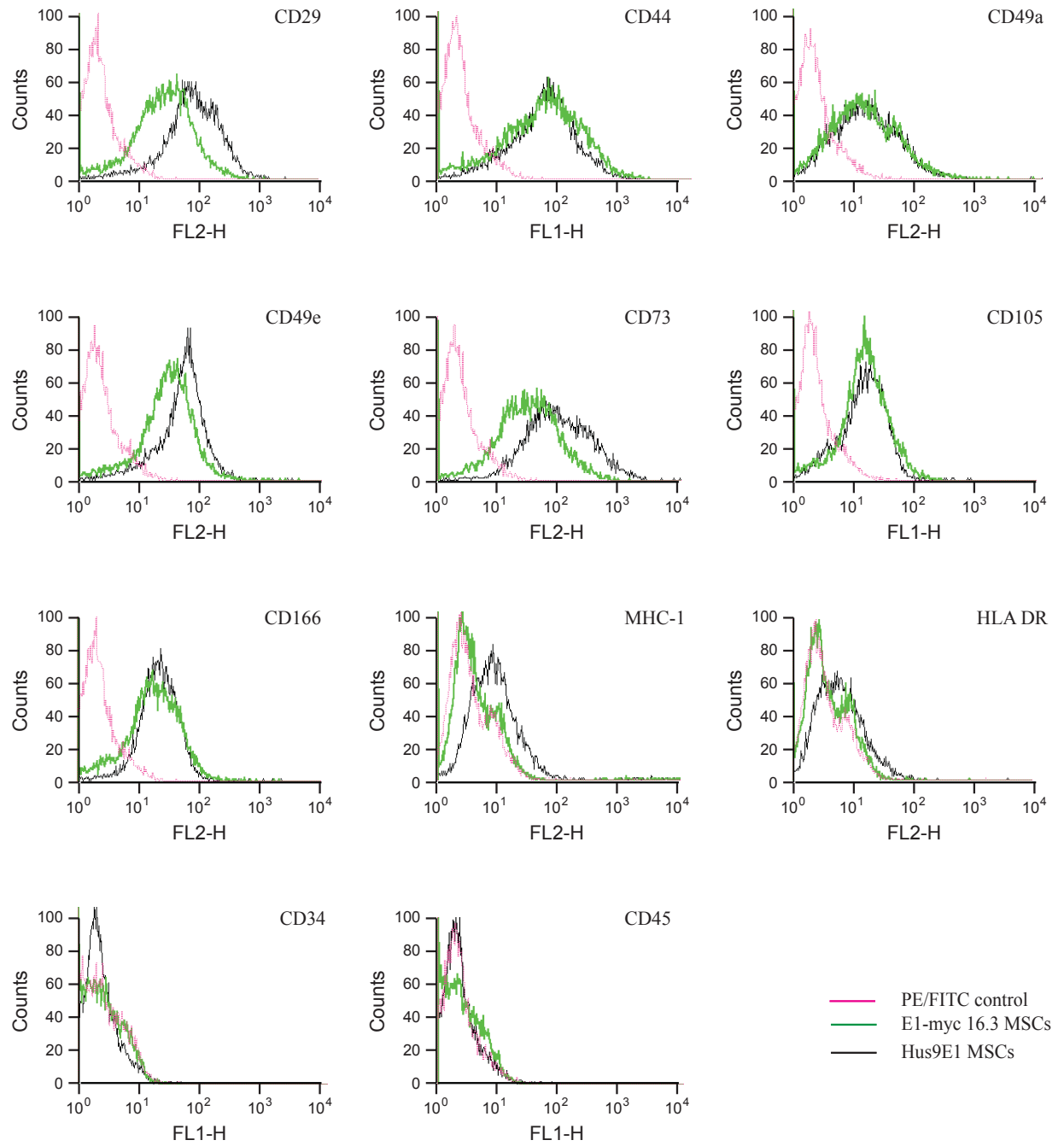
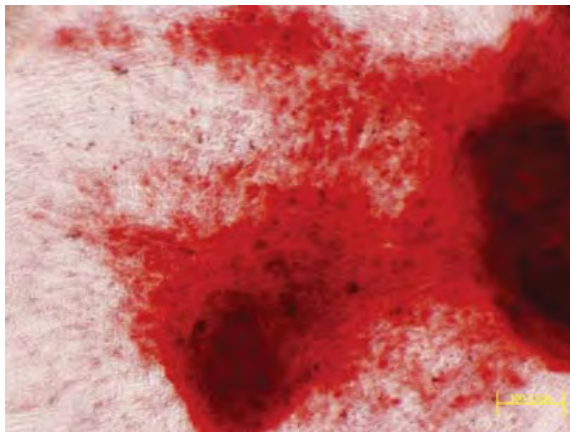
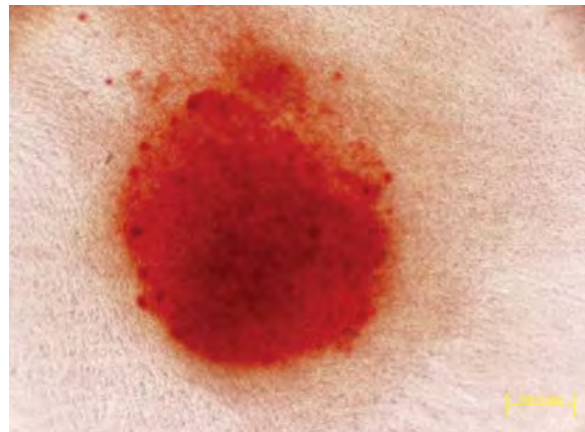
FIGURE 2

FIGURE 3A

Osteogenesis



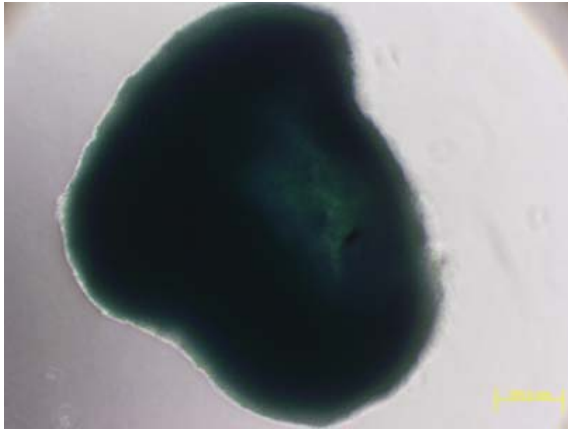
E1-myc 16.3



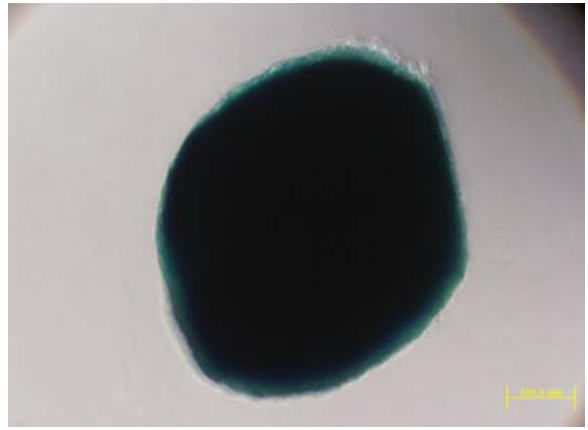
HuES9.E1

FIGURE 3B

Chondrogenesis



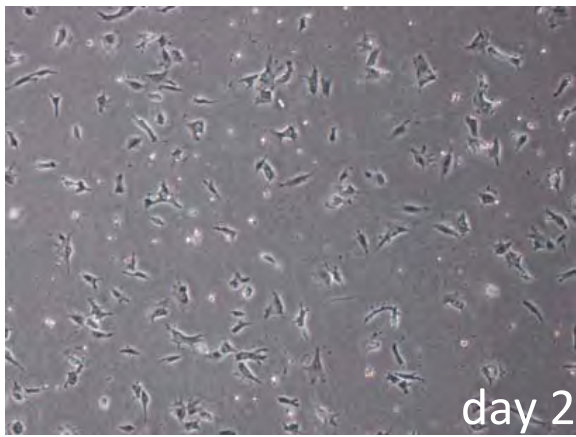
E1-myc 16.3



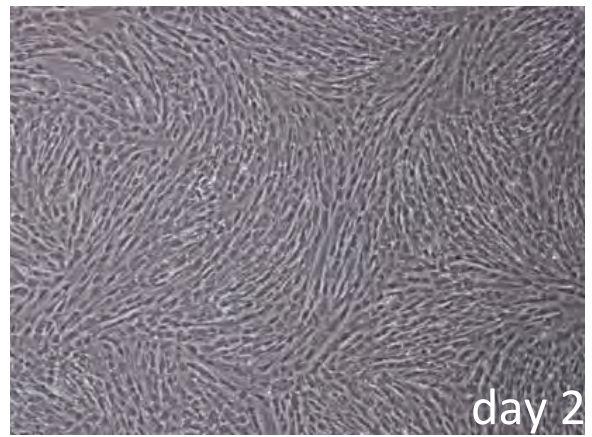
HuES9.E1

FIGURE 3C

Adipogenesis



E1-myc 16.3



HuES9.E1

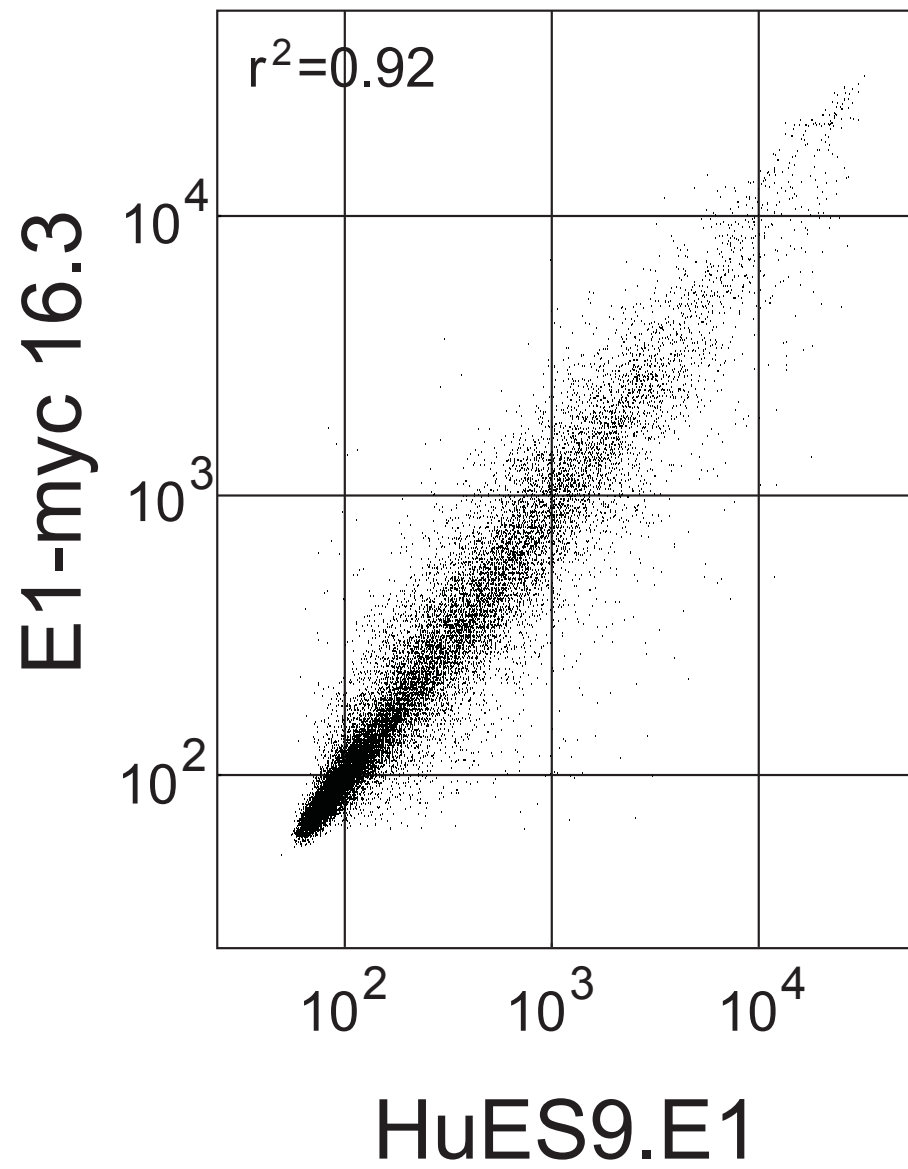
FIGURE 4A

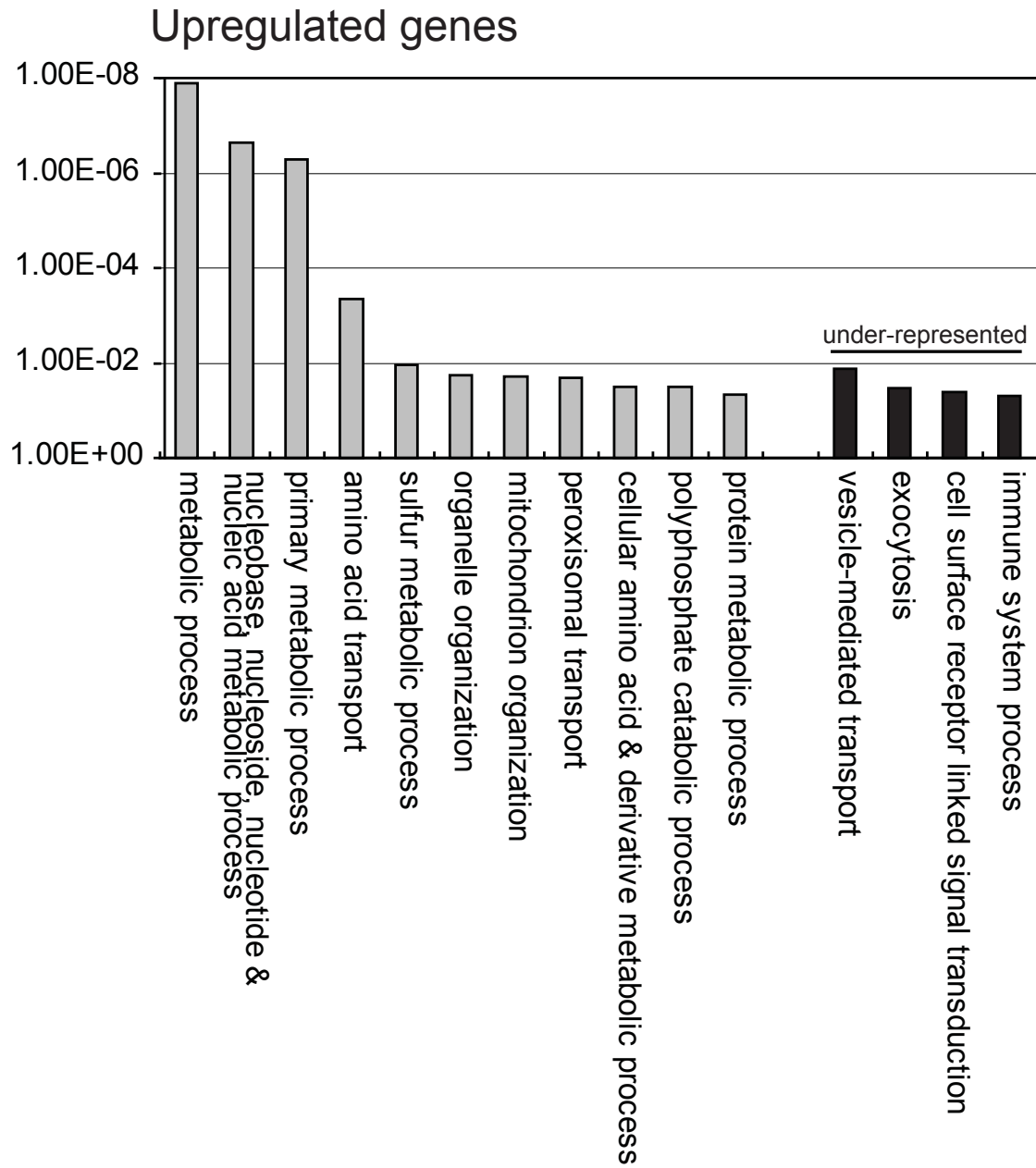
FIGURE 4B

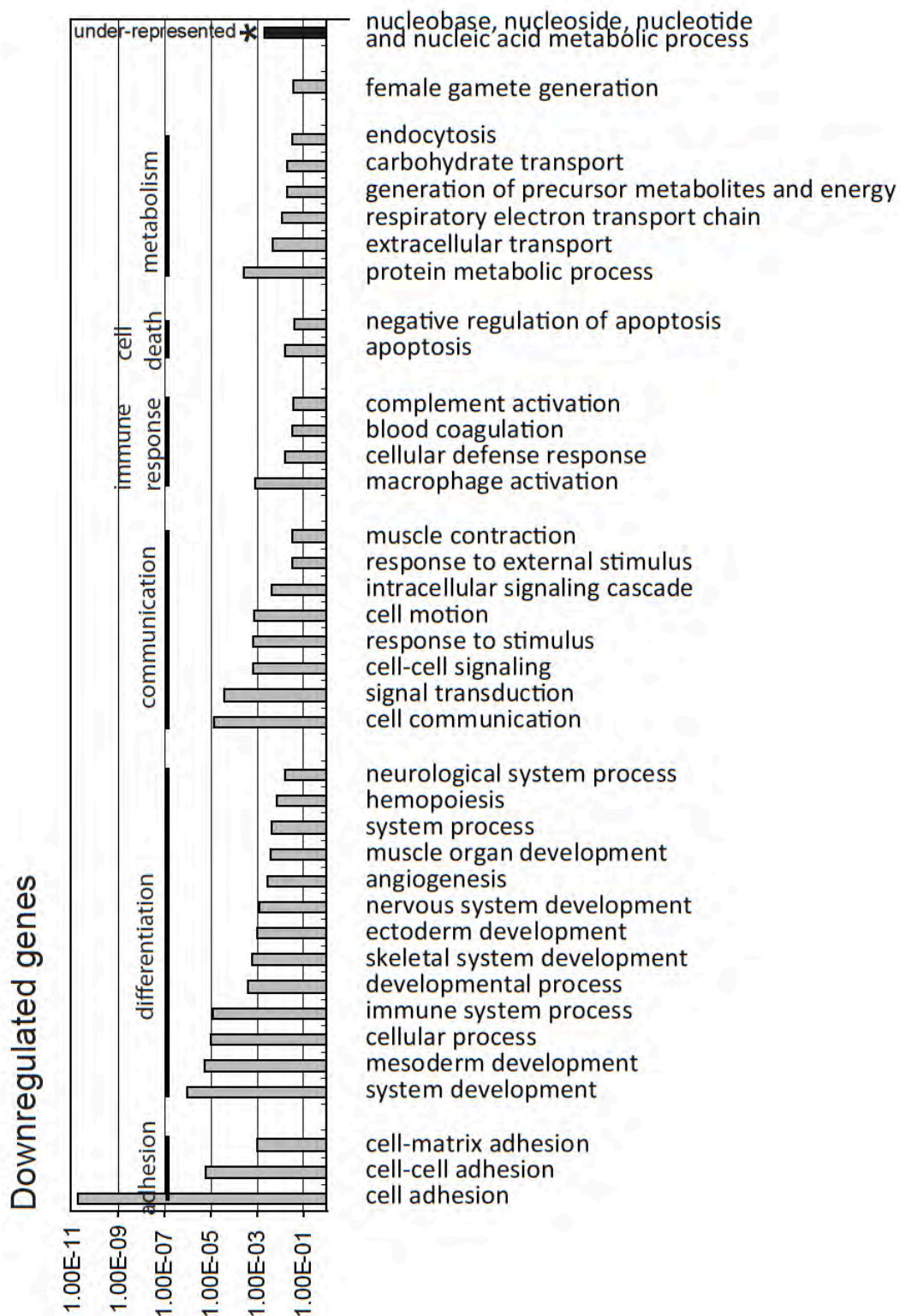
FIGURE 4C

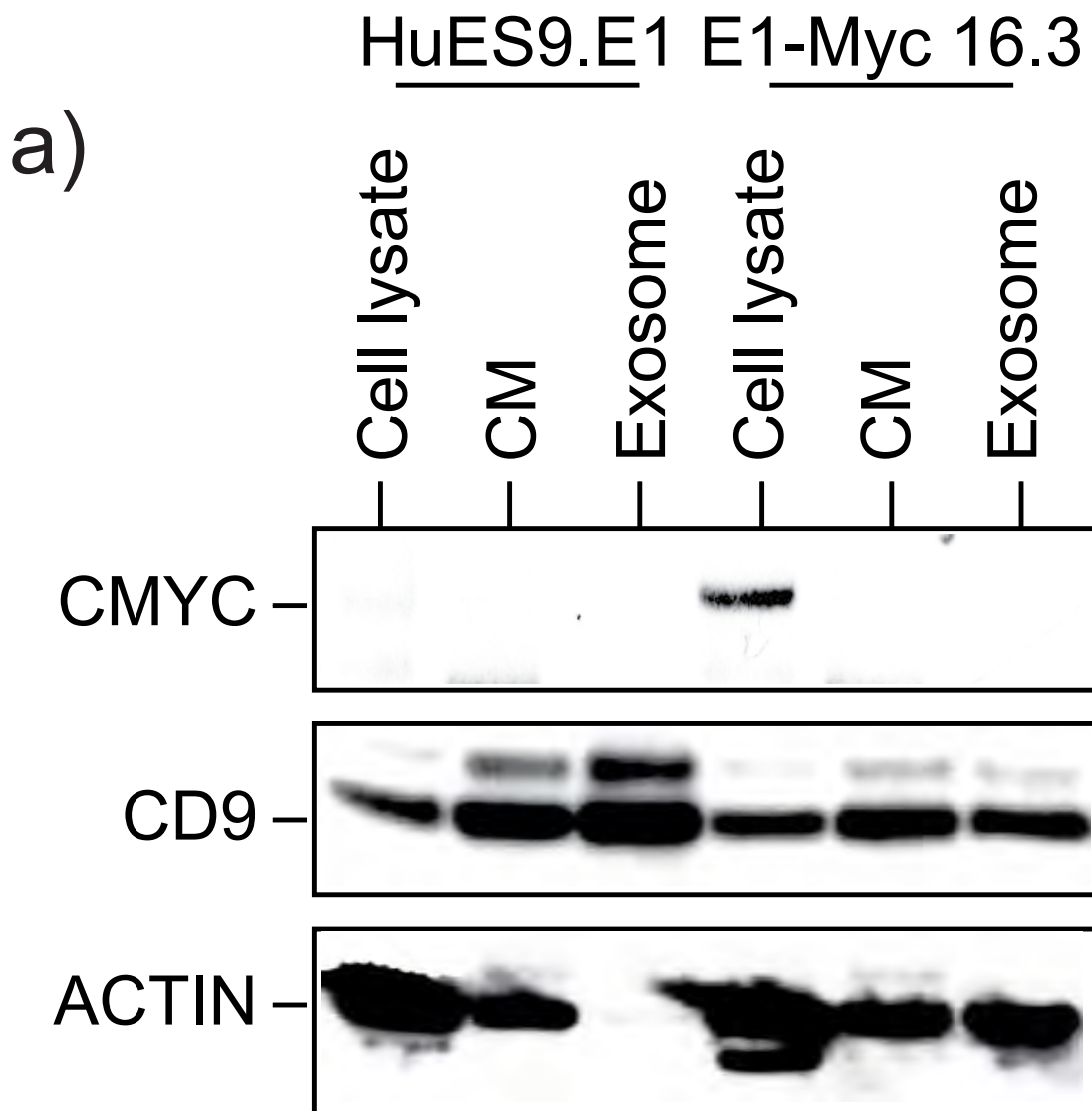
FIGURE 5A

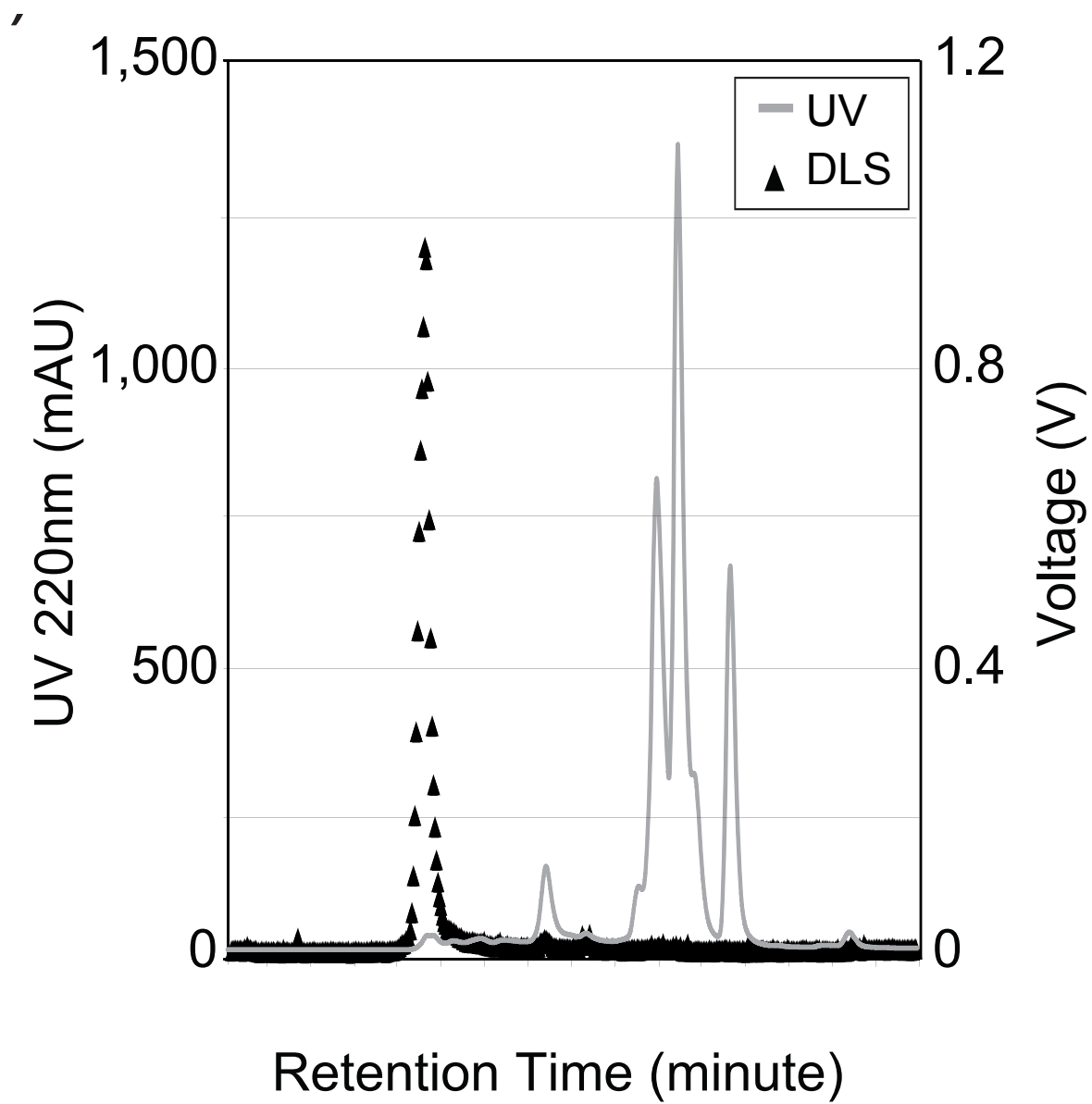
FIGURE 5B

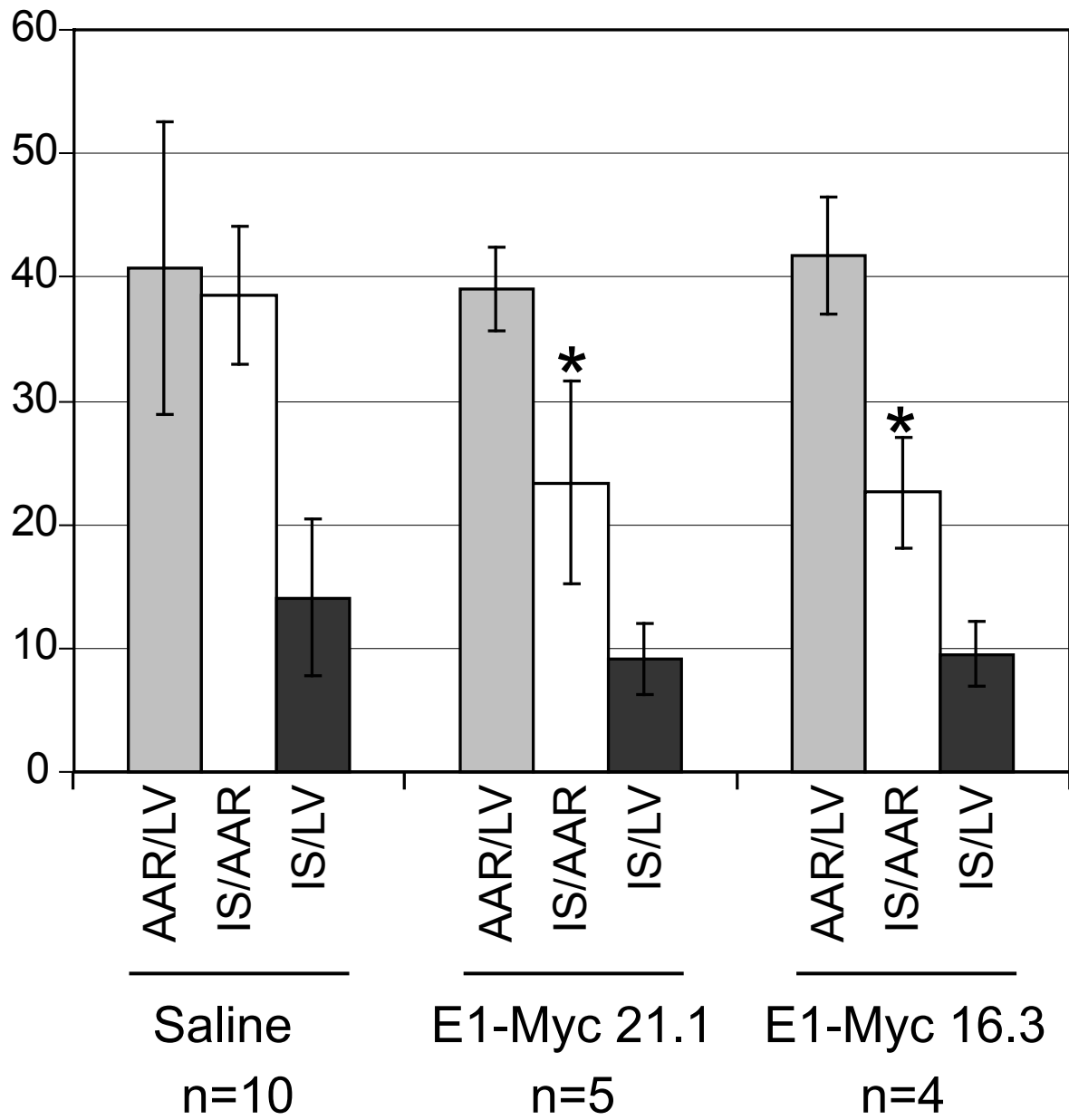
FIGURE 5C

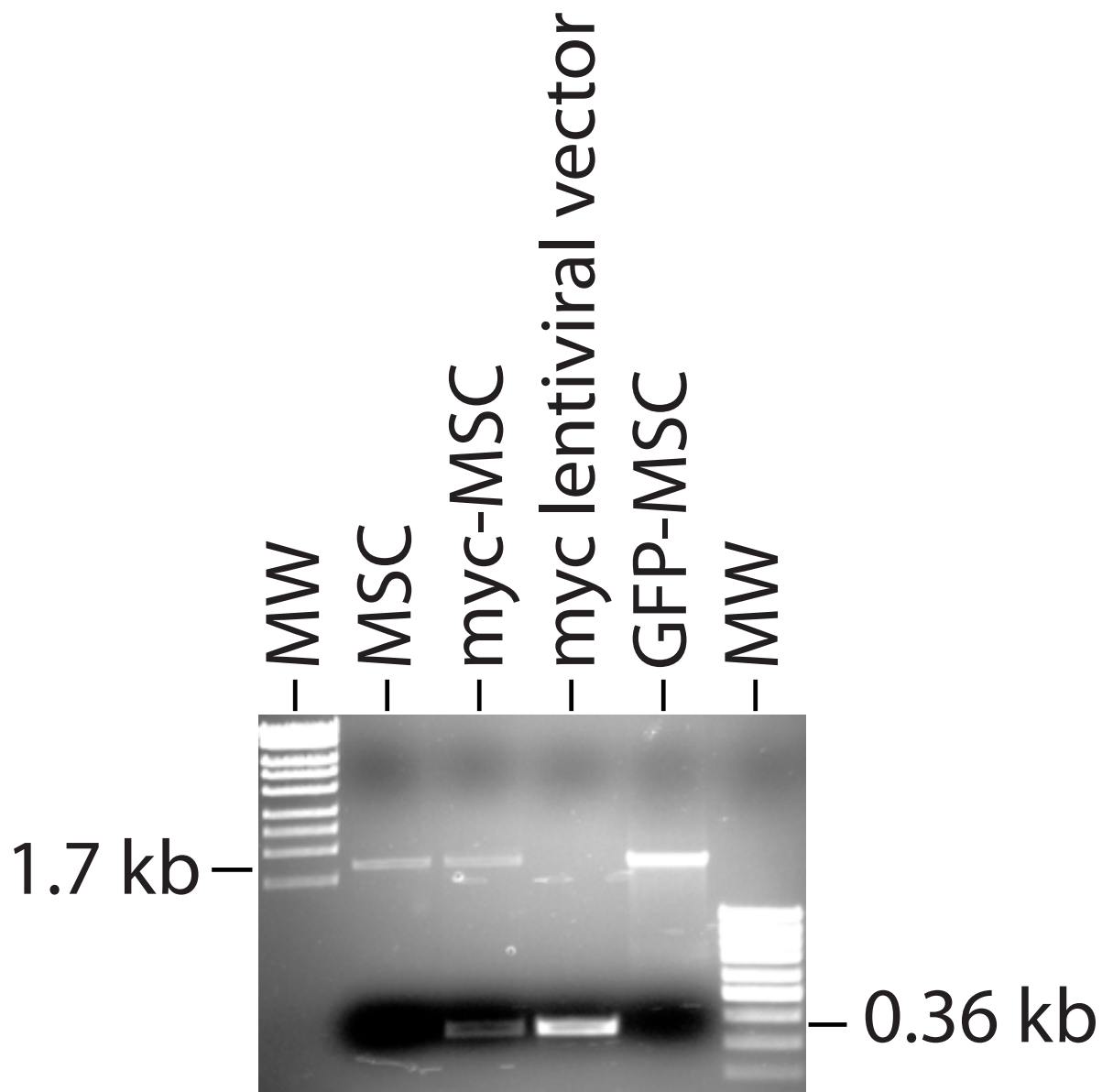
FIGURE 6

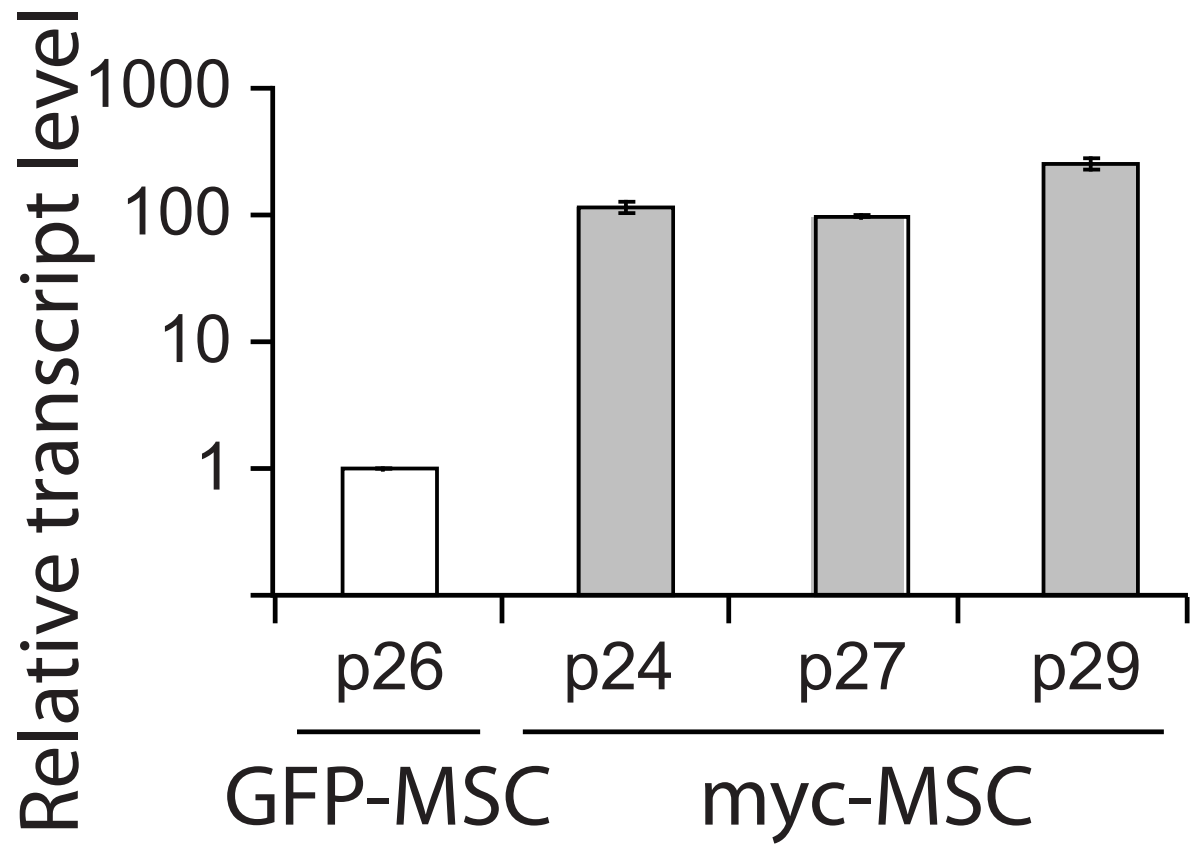
FIGURE 7

FIGURE 8

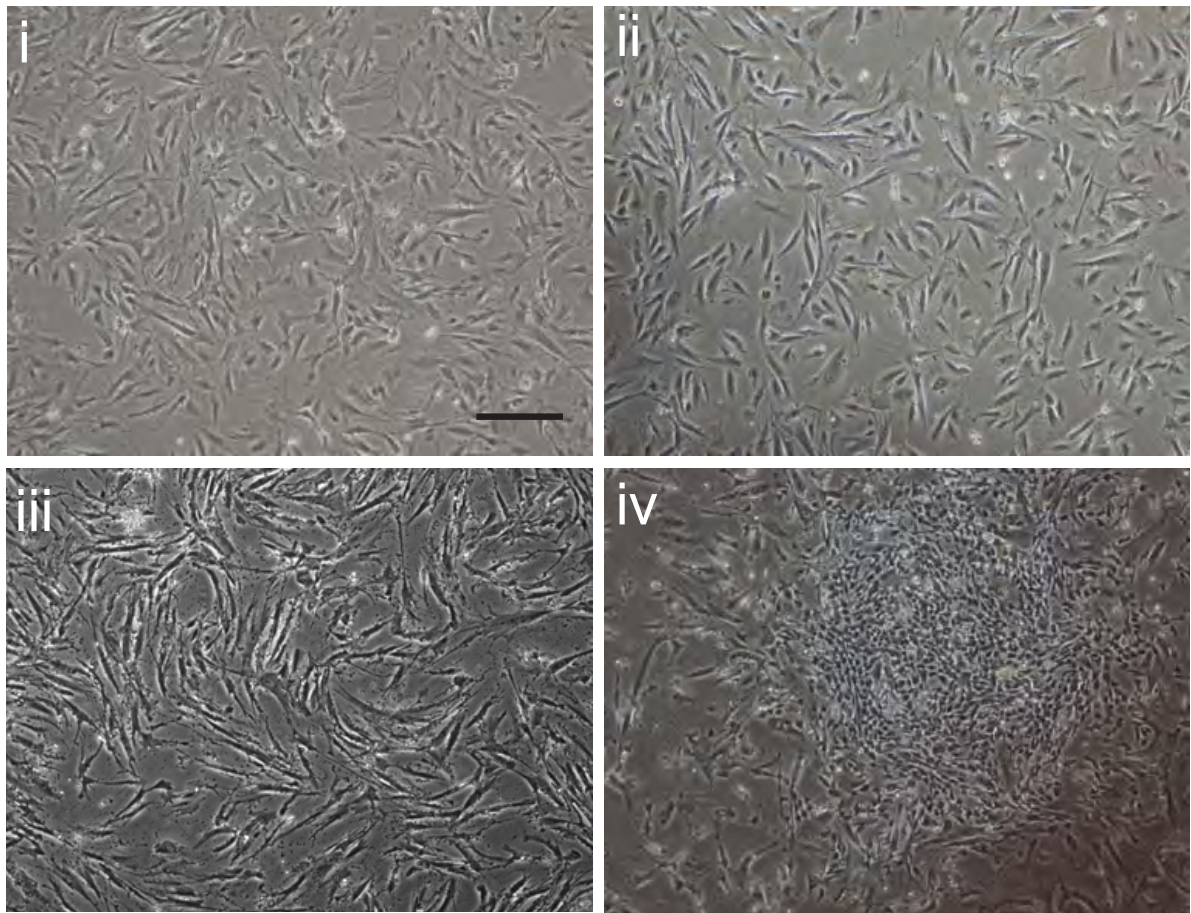


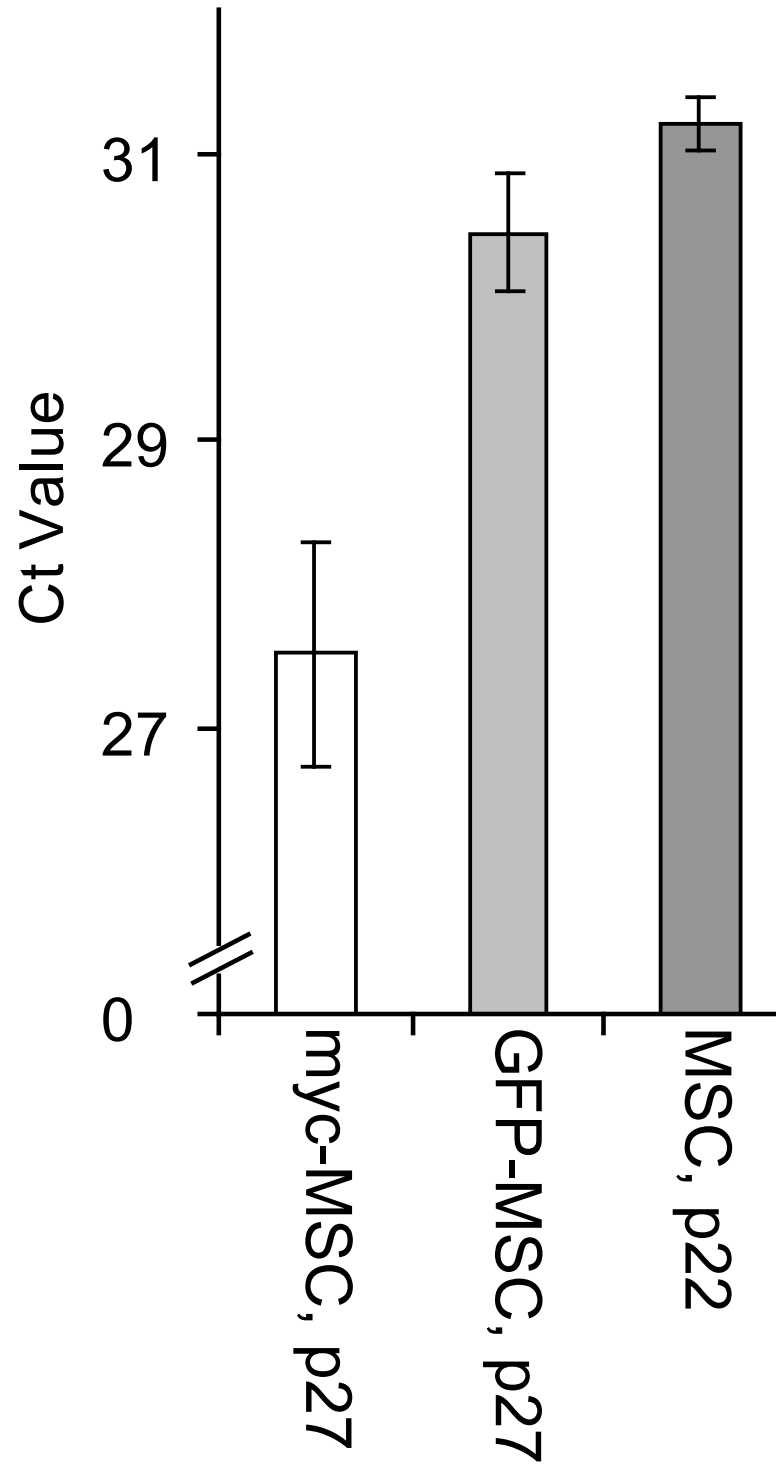
FIGURE 9

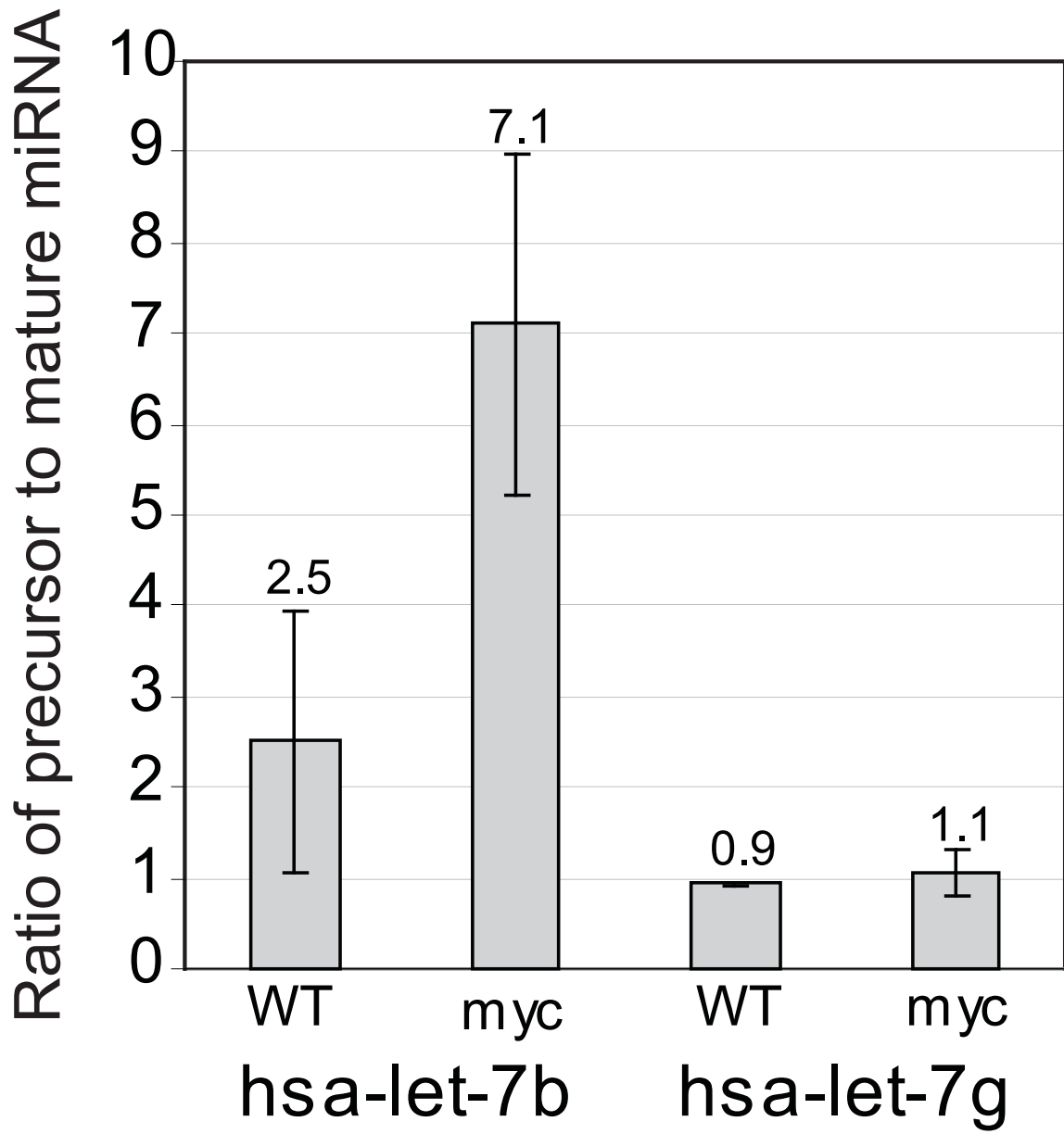
FIGURE 10

FIGURE 11

Primary microRNA RT PCR

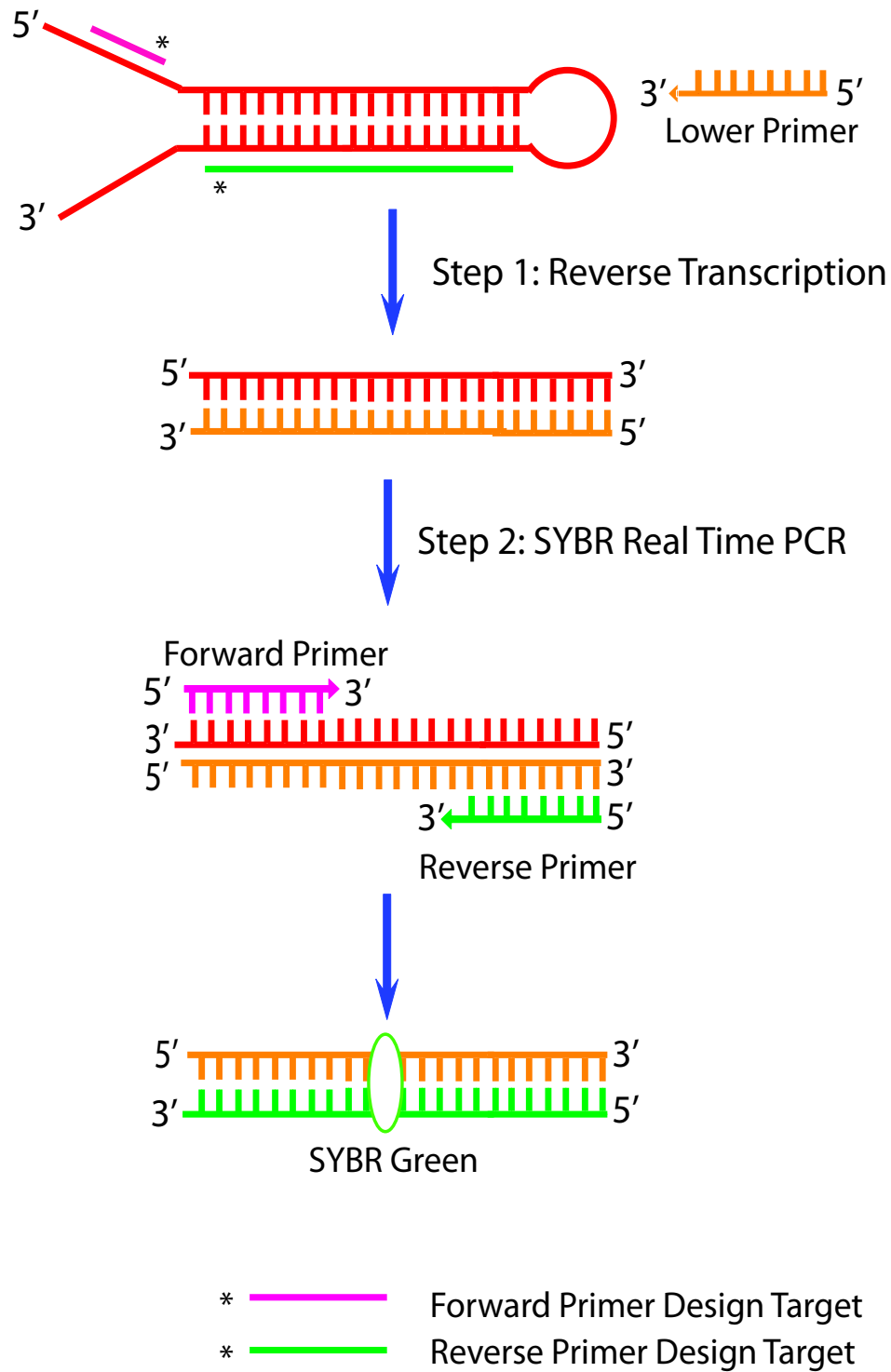
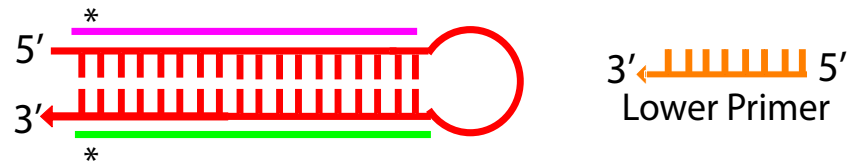


FIGURE 12

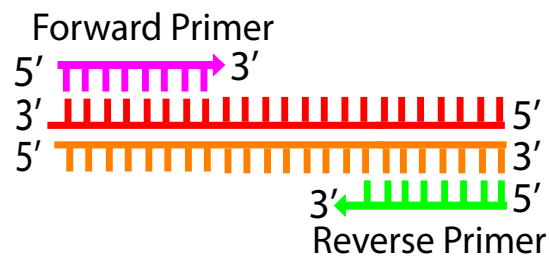
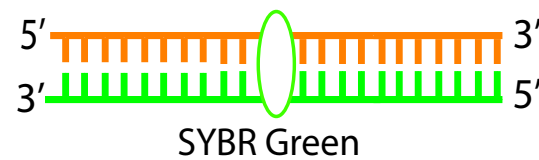
Pre-Cursor microRNA RT PCR



Step 1: Reverse Transcription



Step 2: SYBR Real Time PCR



- * ——— Forward Primer Design Target
- * ——— Reverse Primer Design Target

FIGURE 13

Mature microRNA RT PCR

