

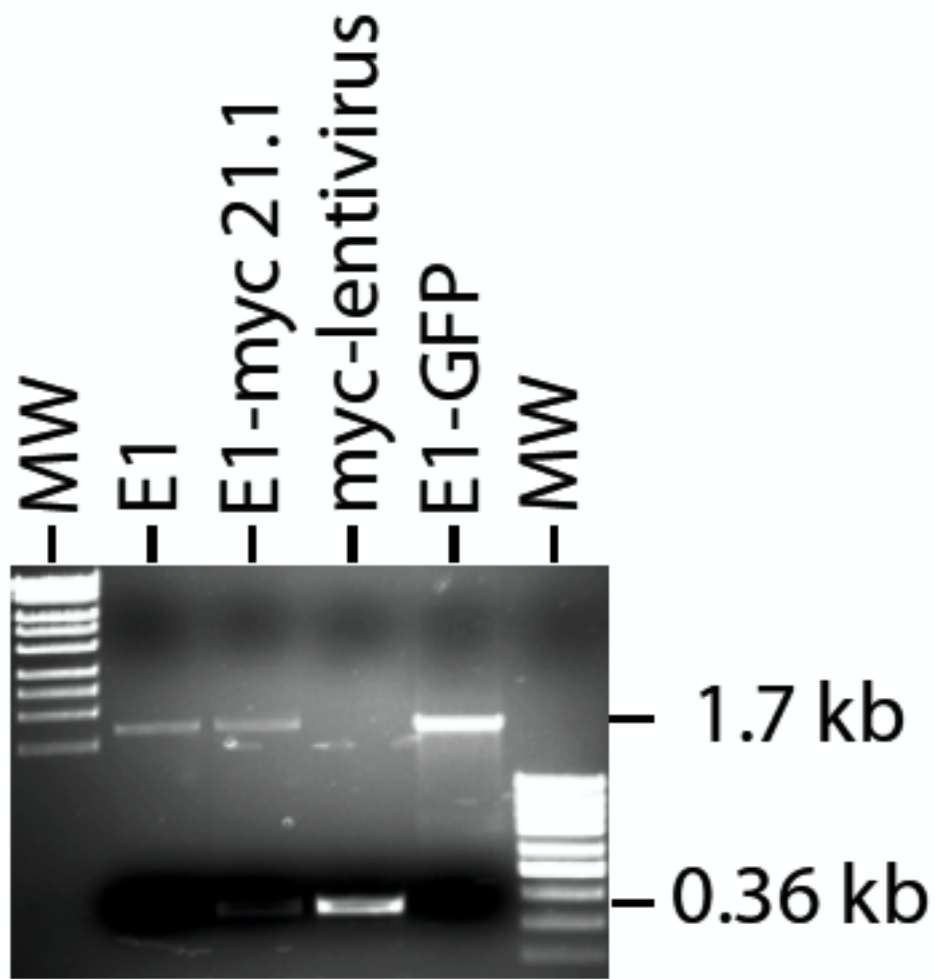
**FIGURE 1A**

**FIGURE 1B**

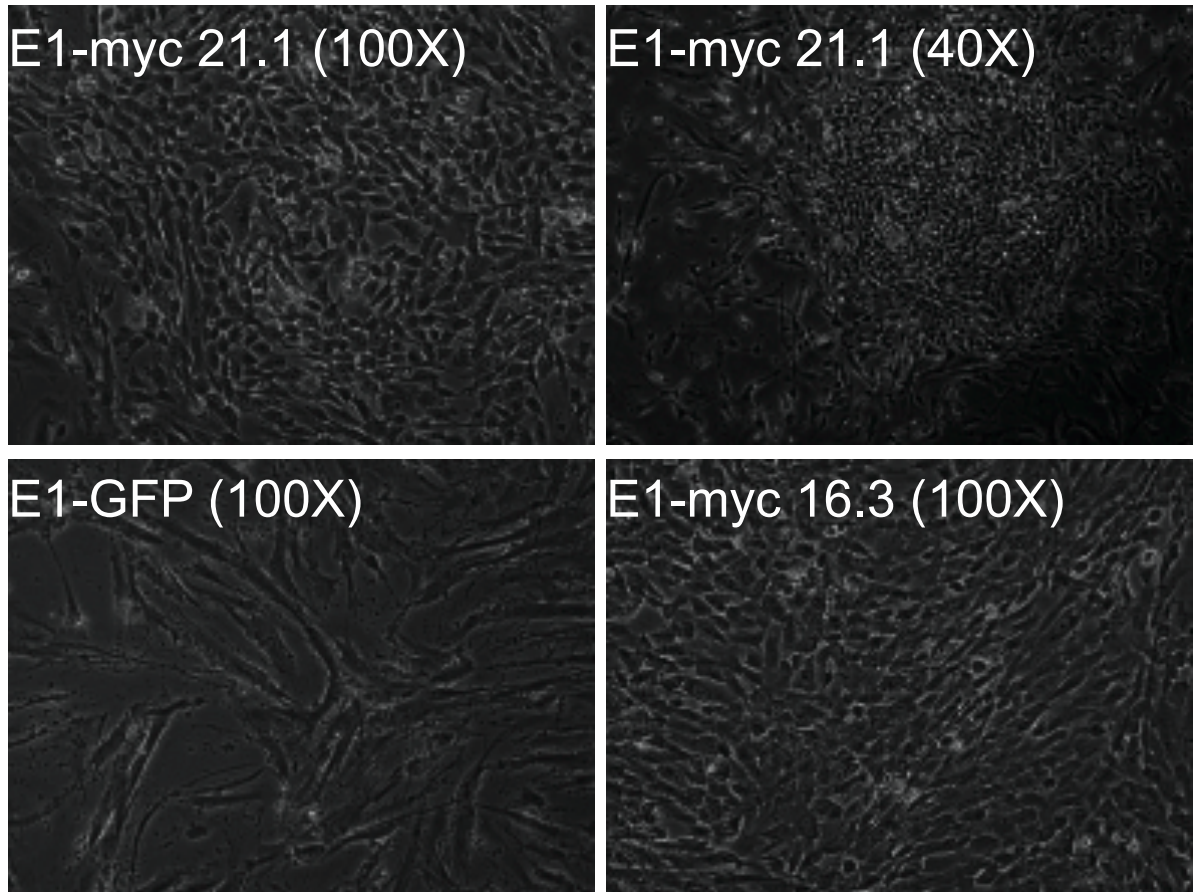


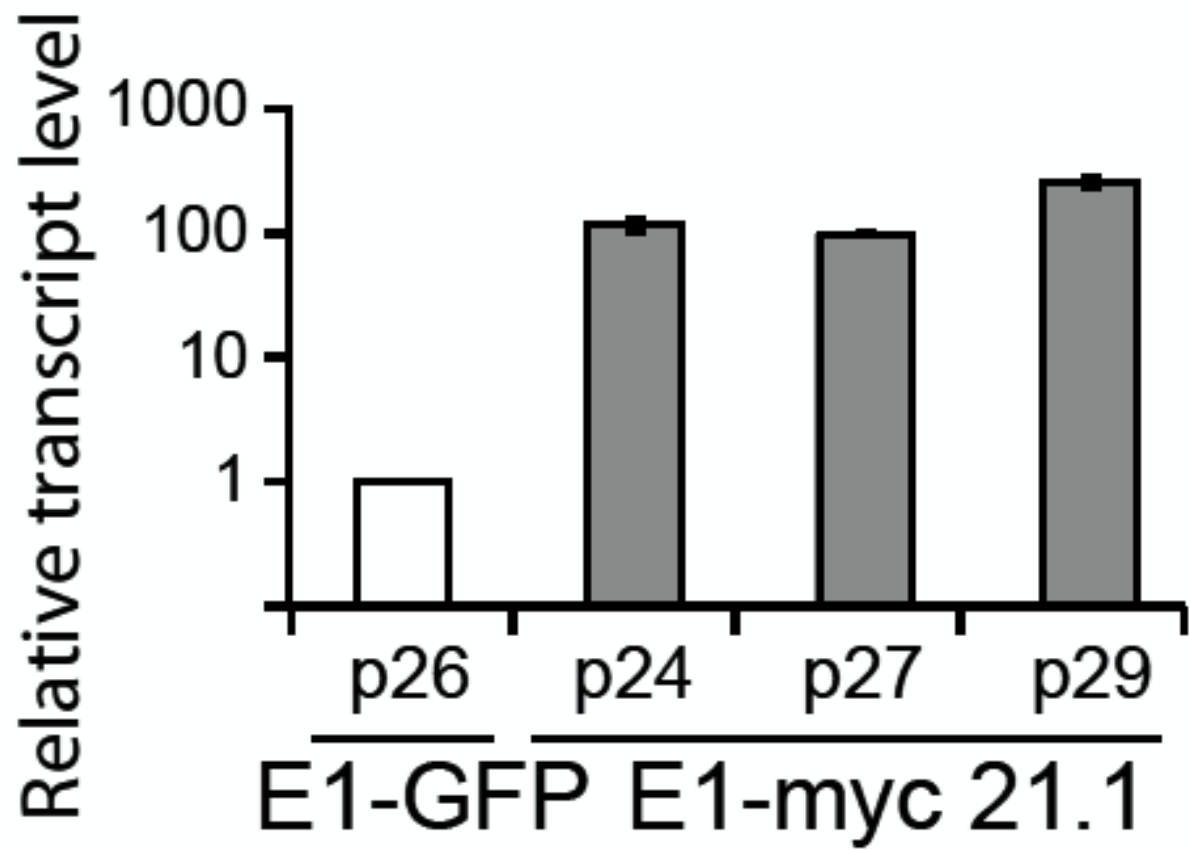
**FIGURE 1C**

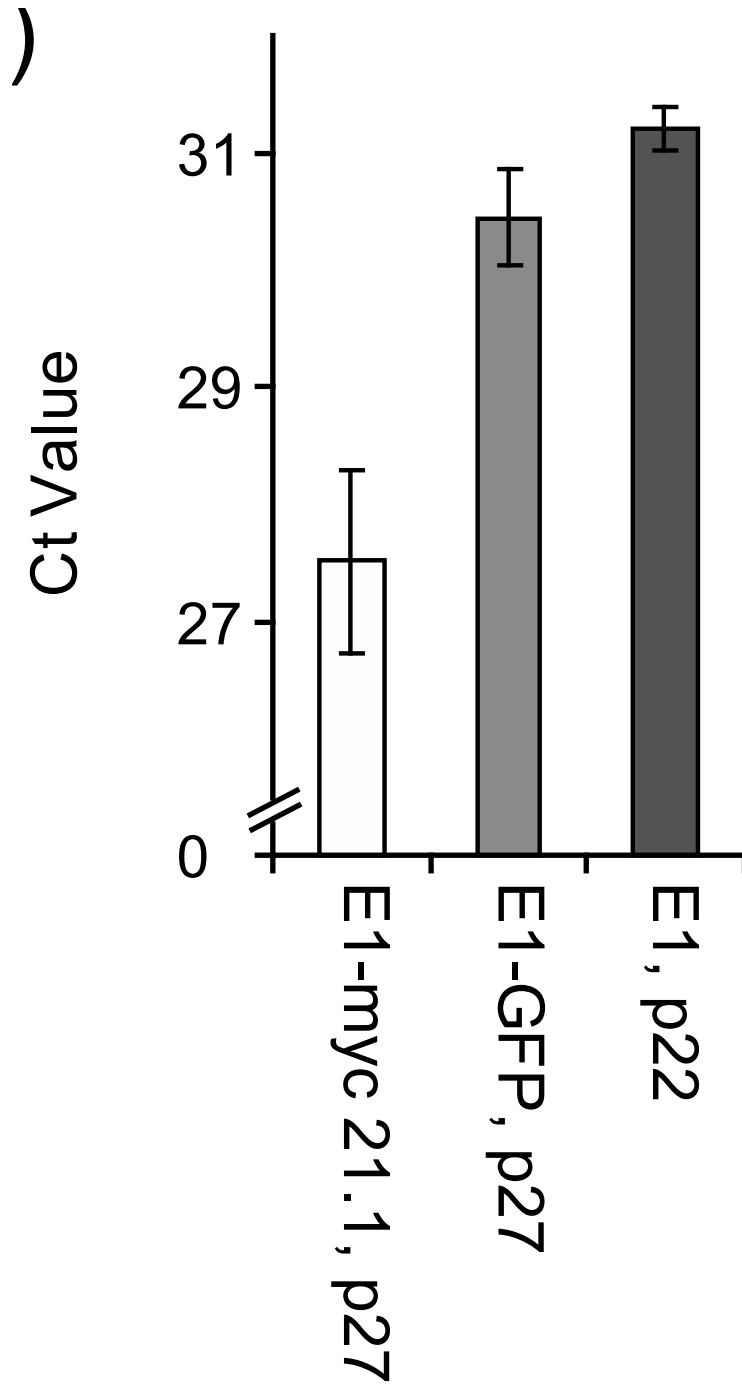
**FIGURE 1D**

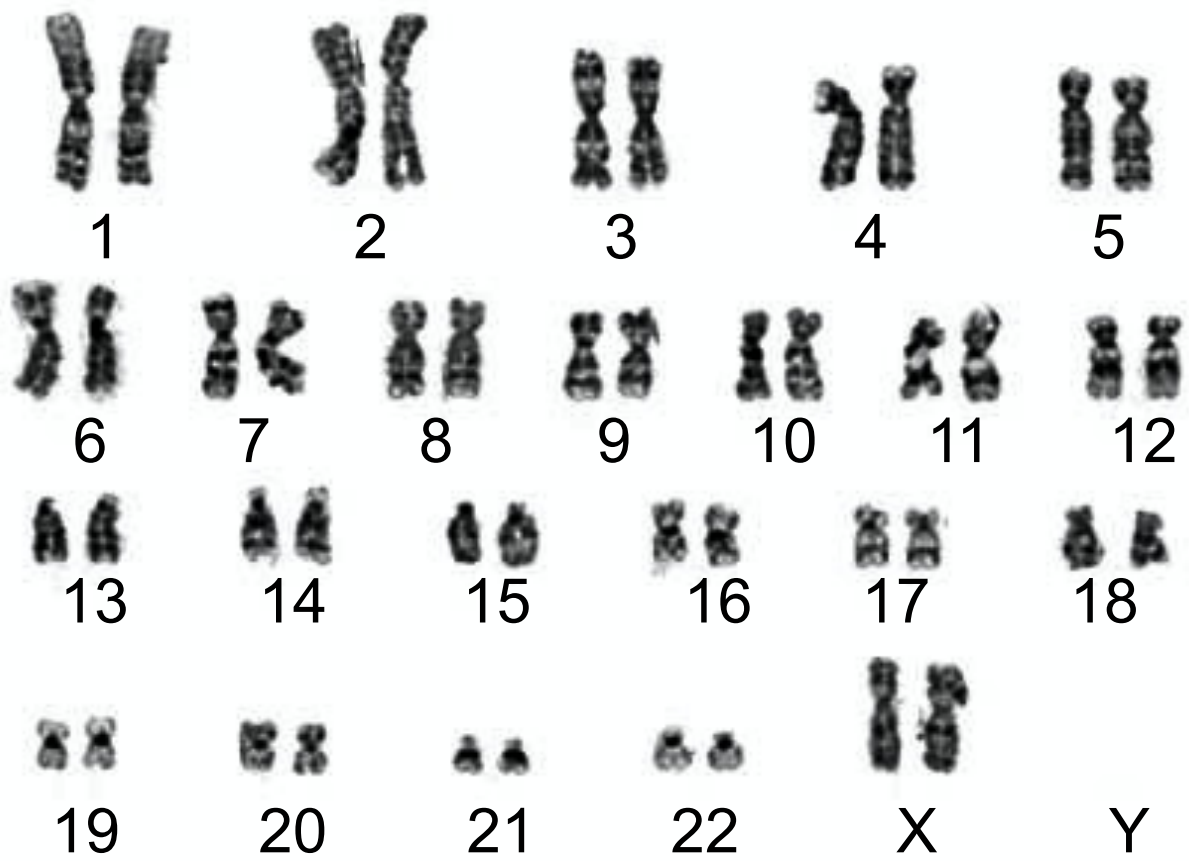
**FIGURE 1E**

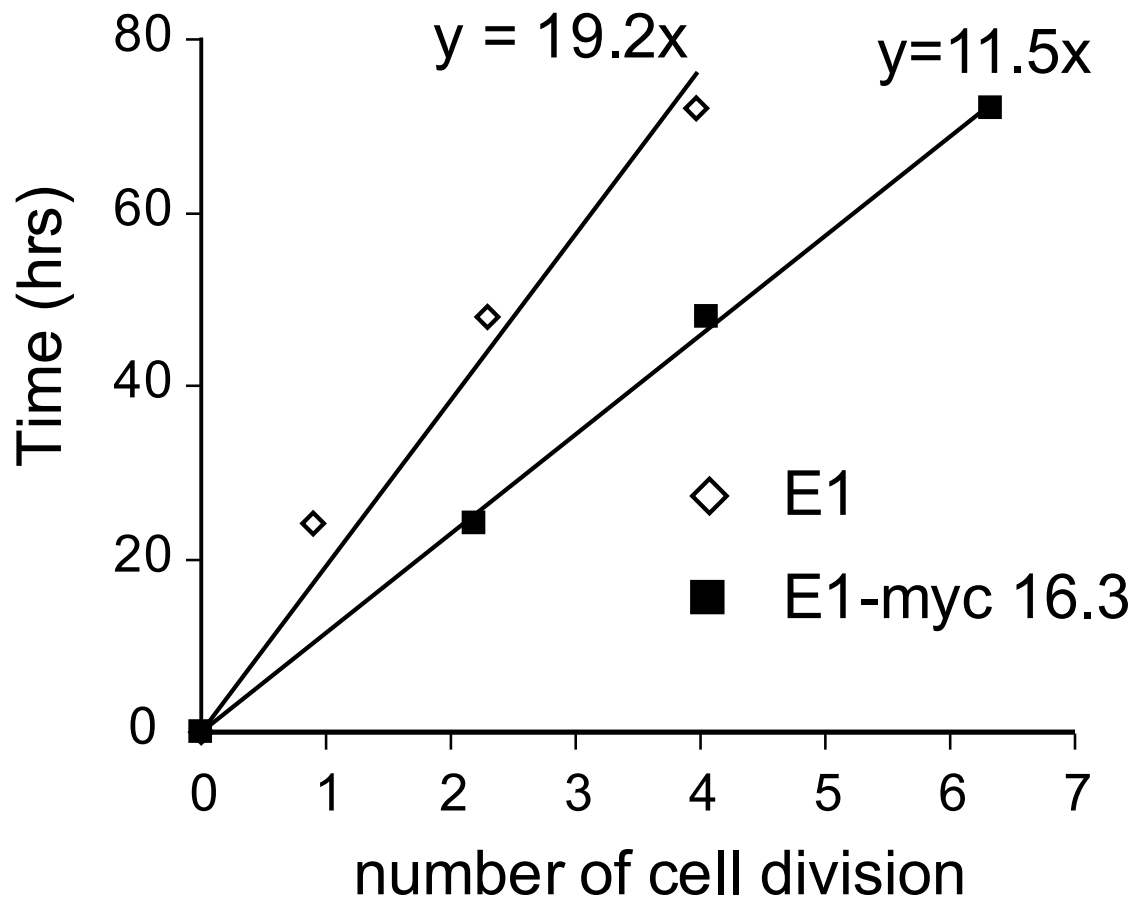
**FIGURE 1F**

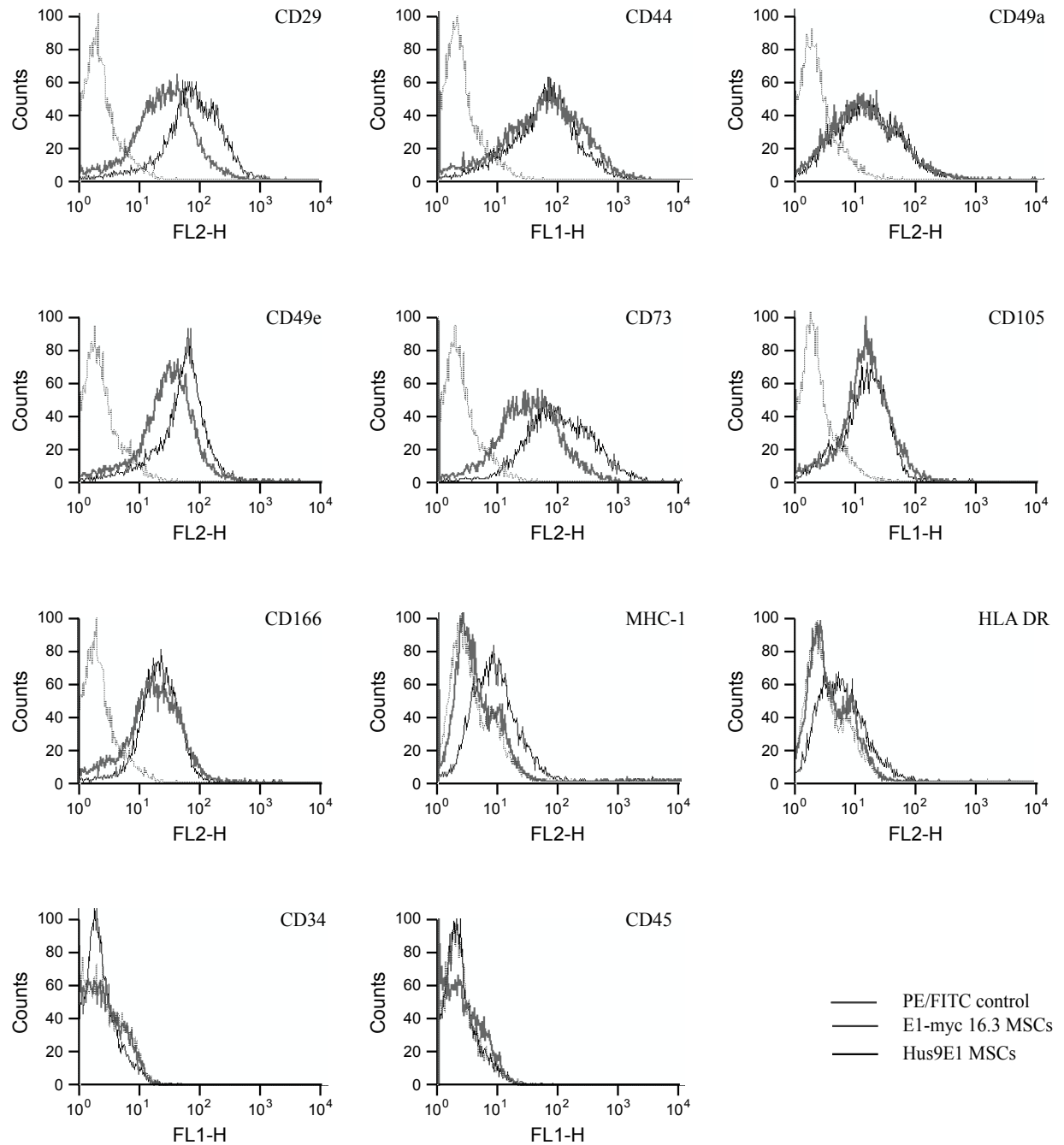
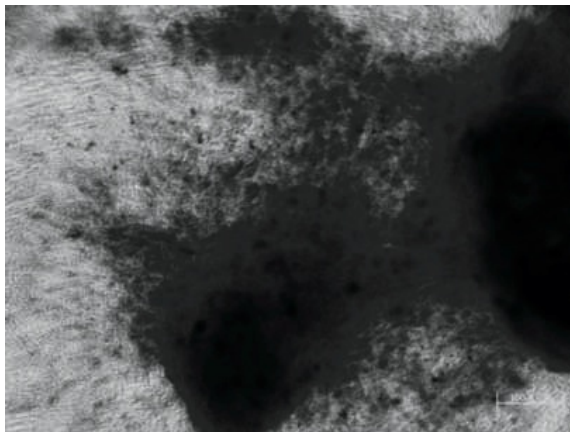
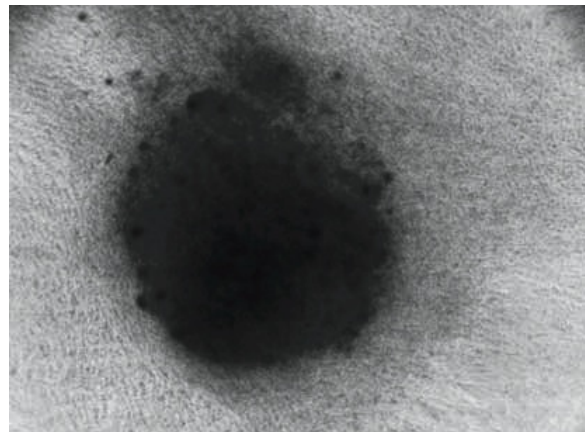
**FIGURE 2**

**FIGURE 3A**

# Osteogenesis



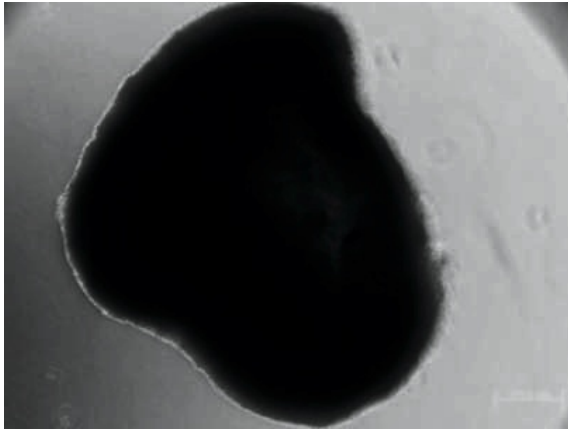
E1-myc 16.3



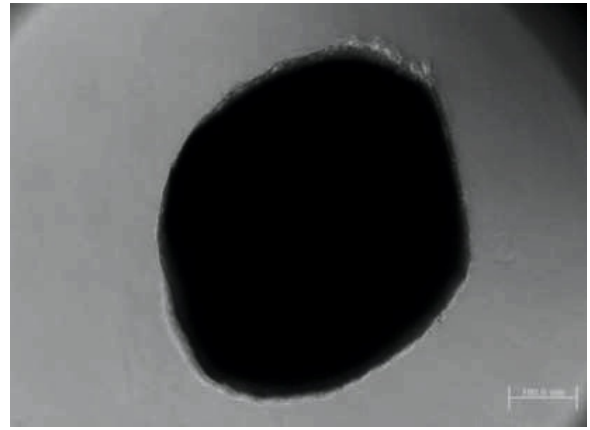
HuES9.E1

**FIGURE 3B**

## Chondrogenesis



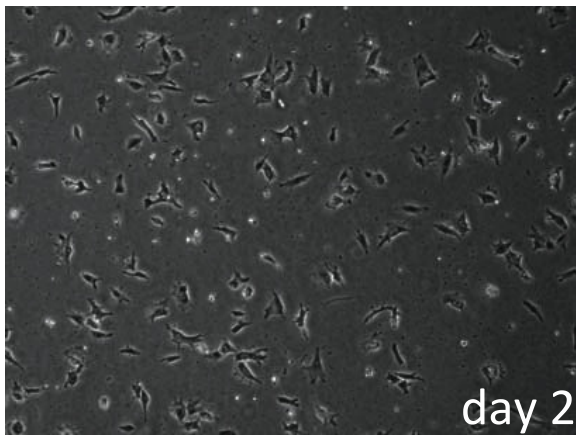
E1-myc 16.3



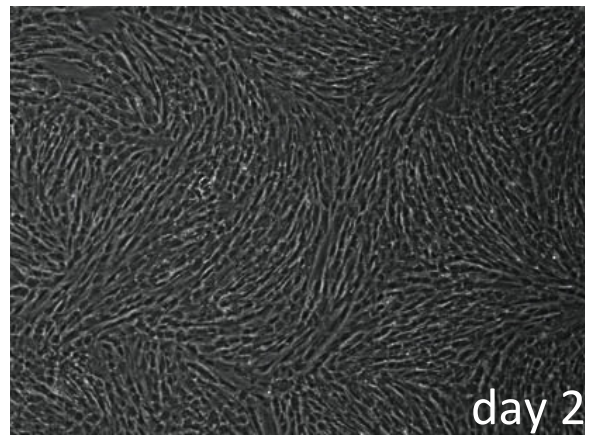
HuES9.E1

**FIGURE 3C**

**Adipogenesis**



E1-myc 16.3



HuES9.E1

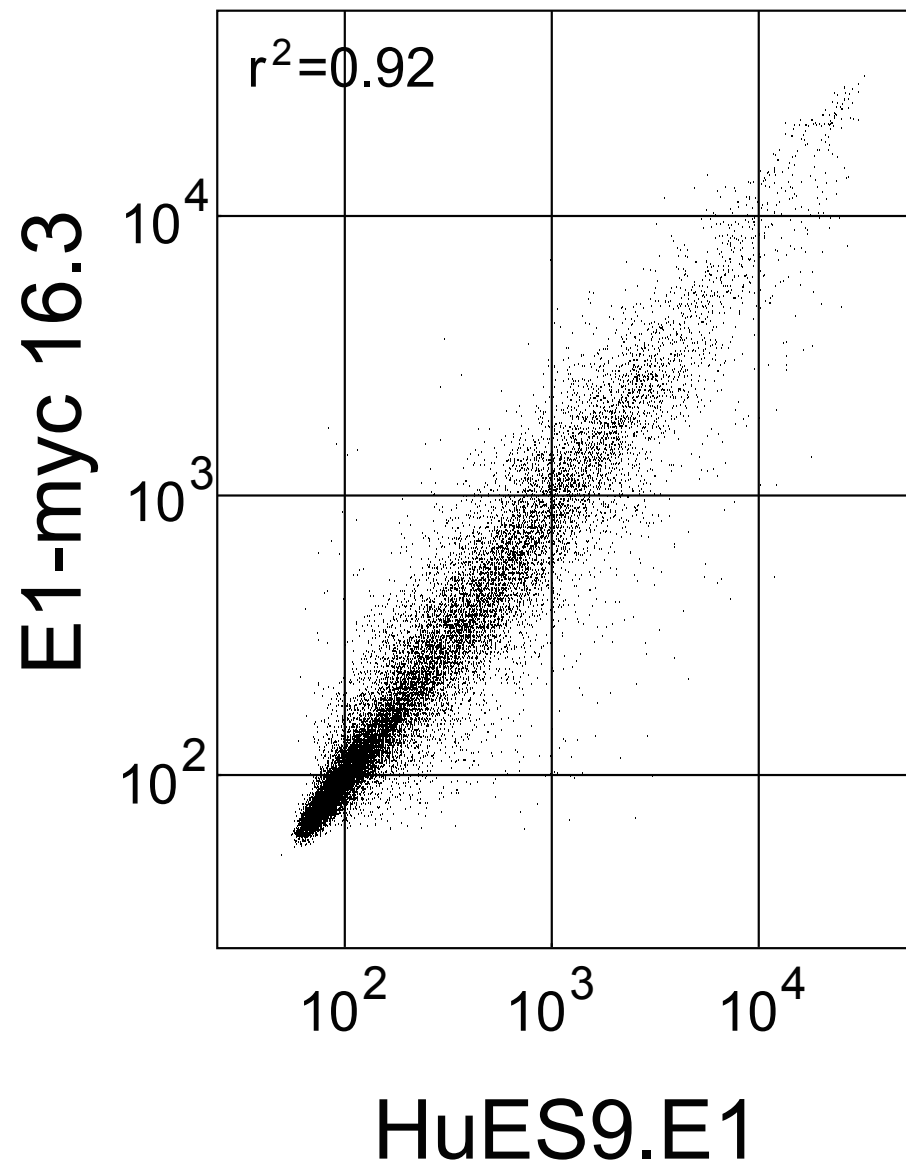
**FIGURE 4A**

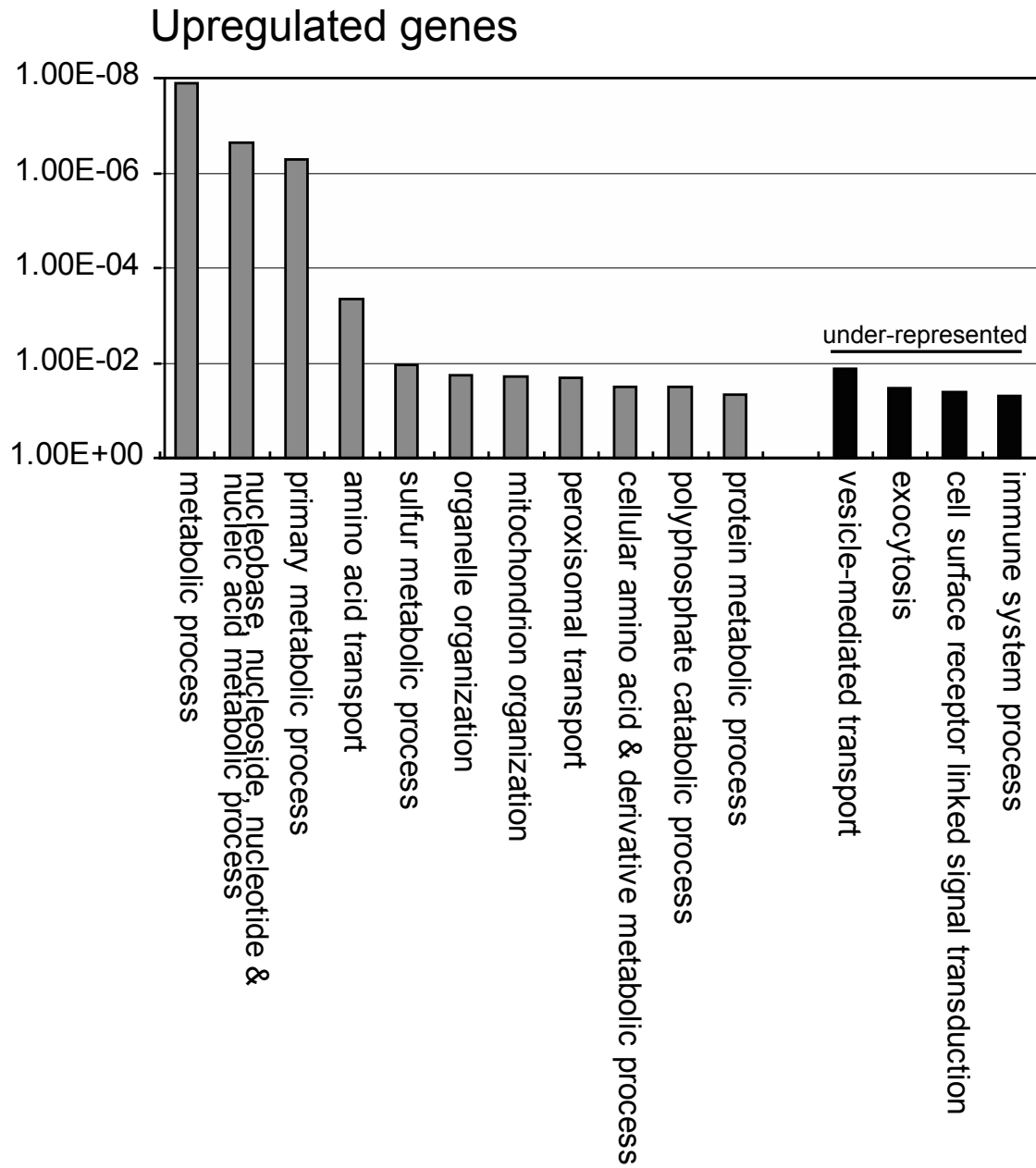
**FIGURE 4B**

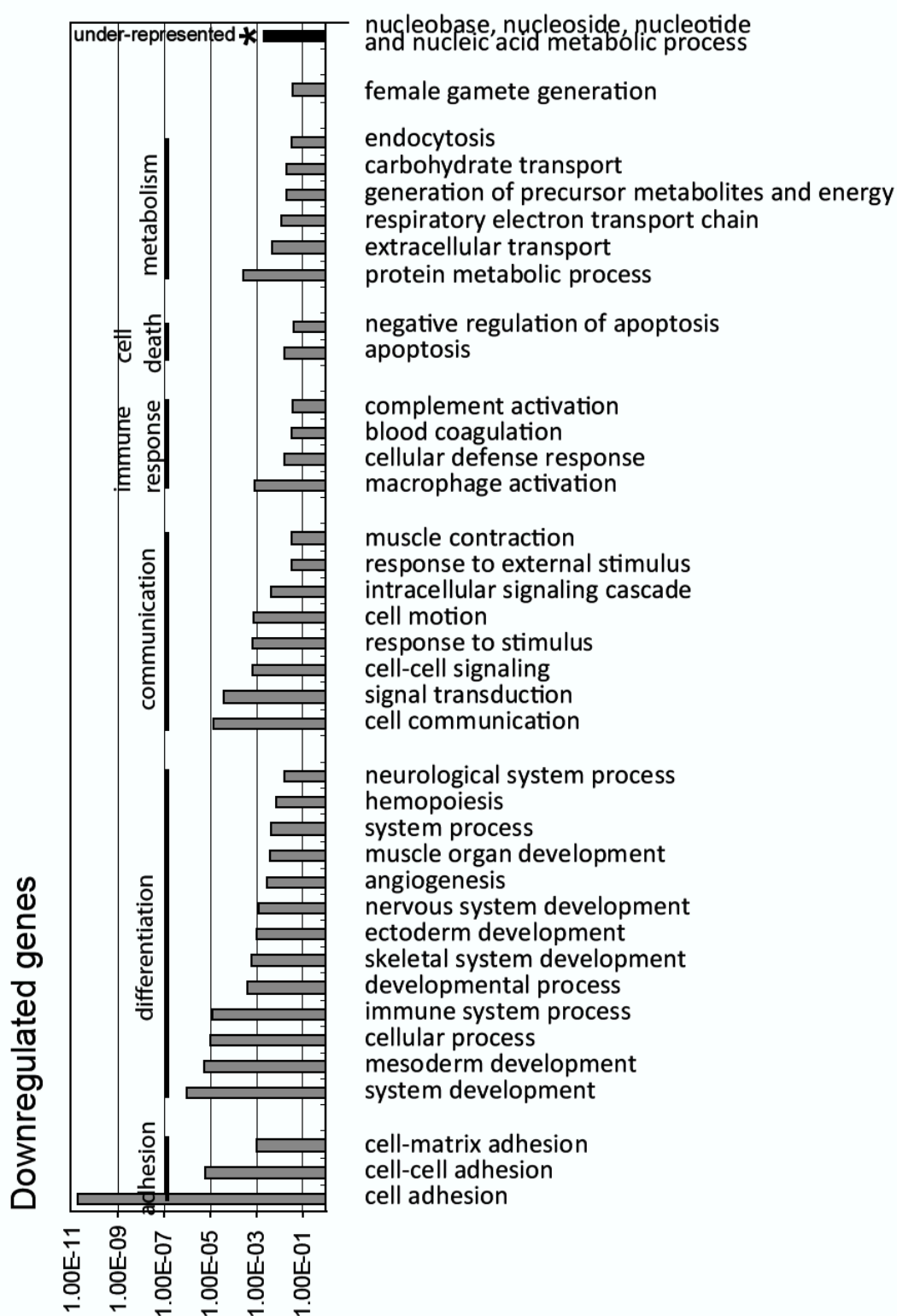
**FIGURE 4C**

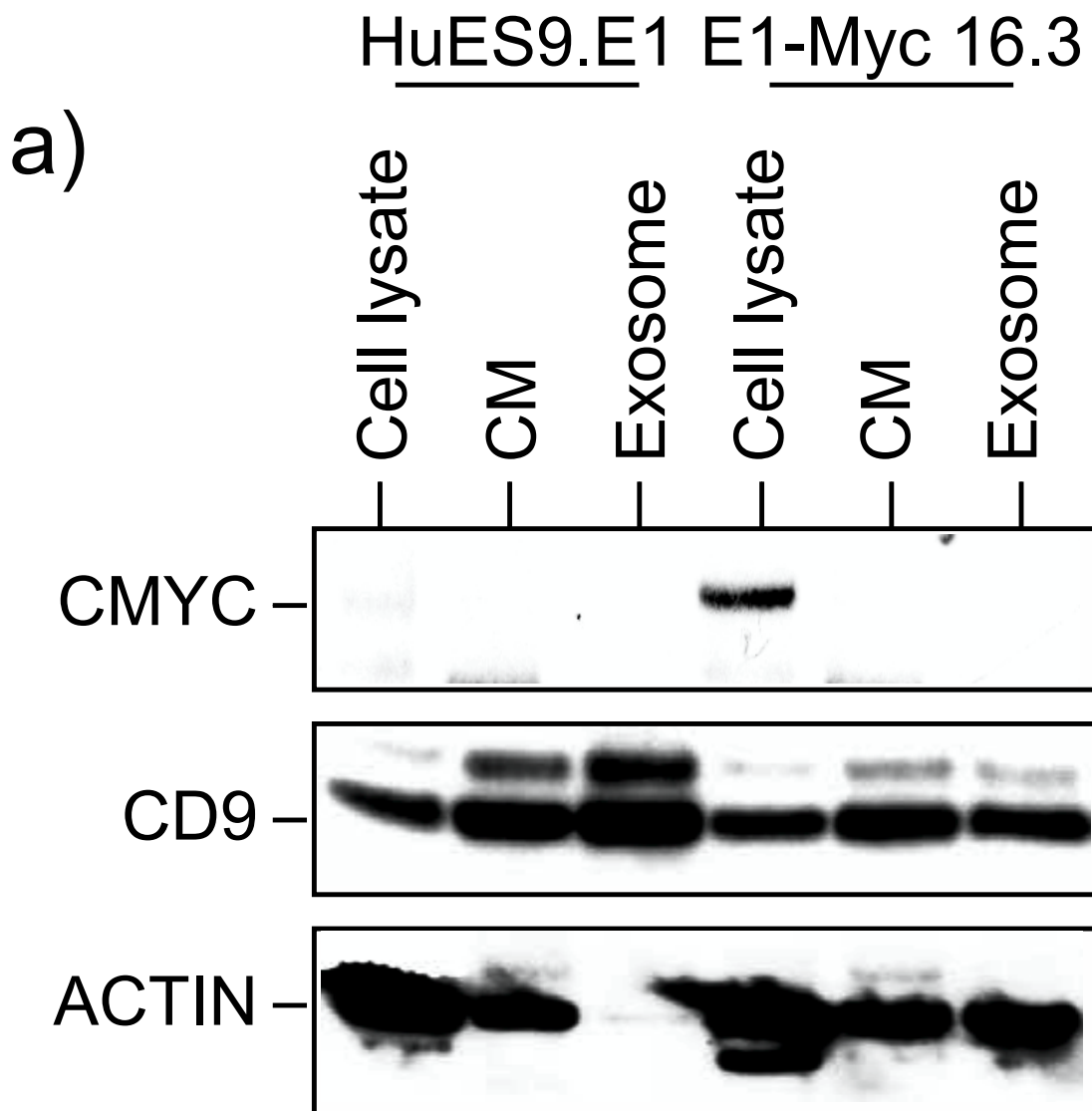
**FIGURE 5A**

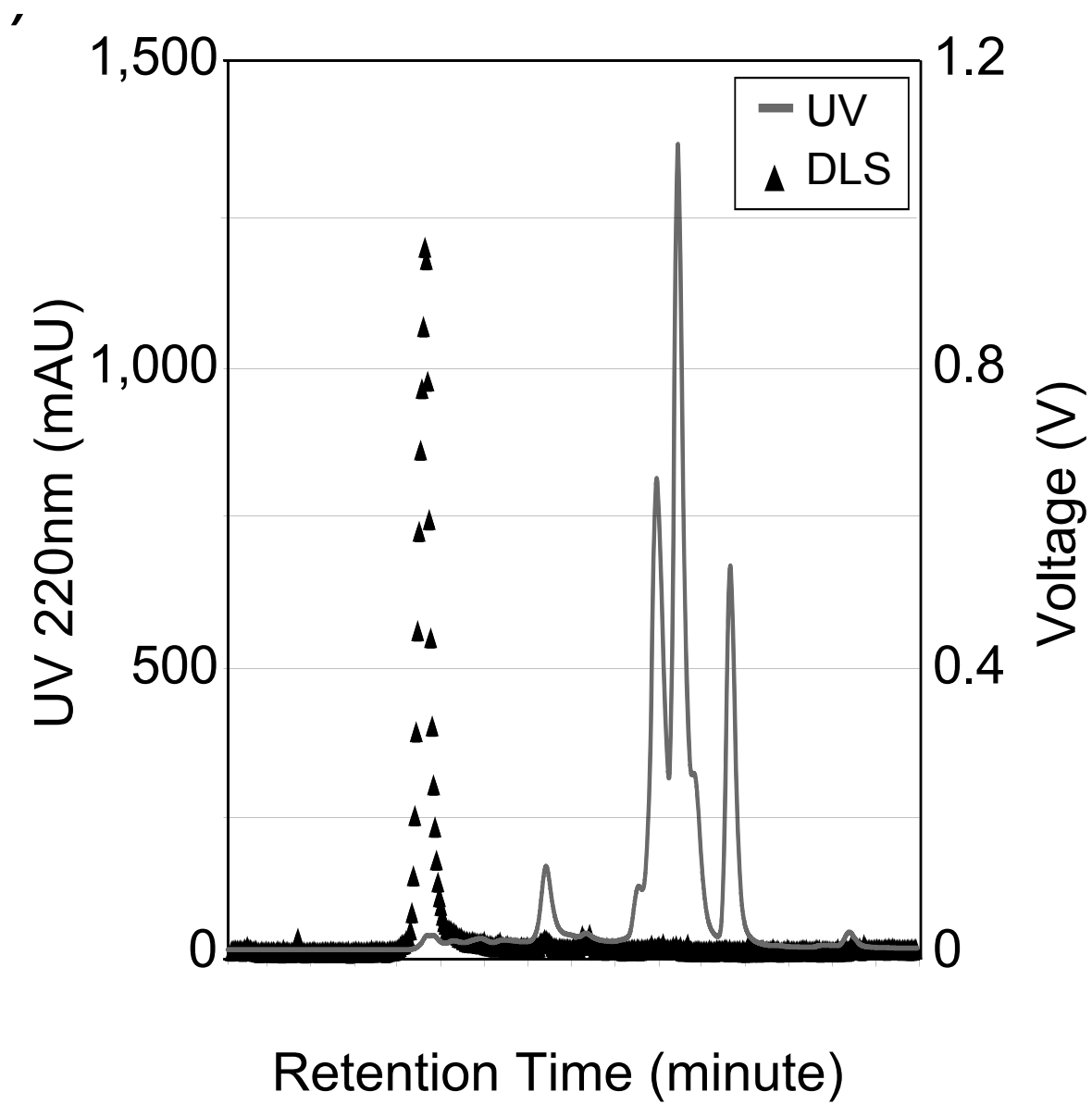
**FIGURE 5B**

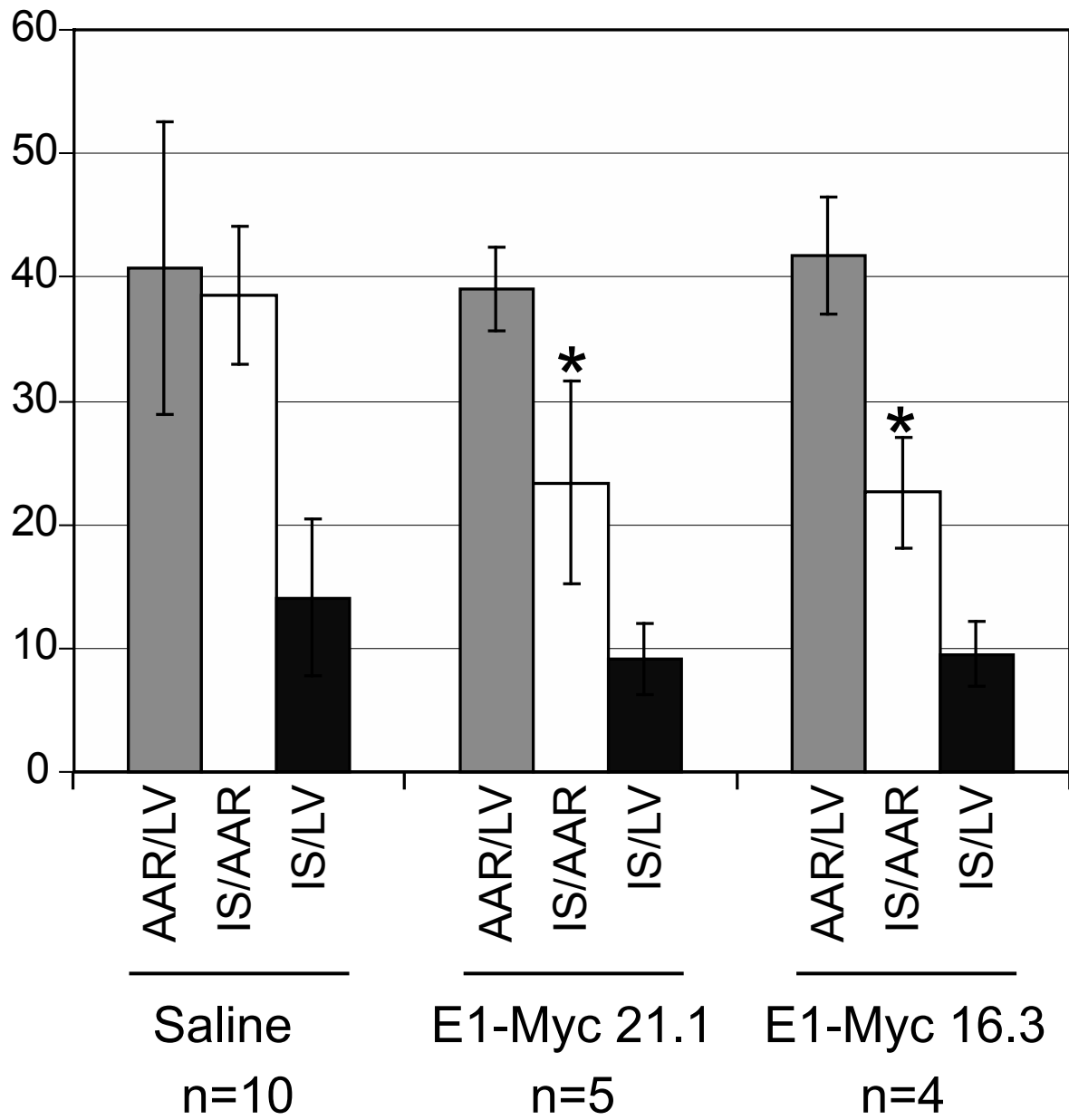
**FIGURE 5C**

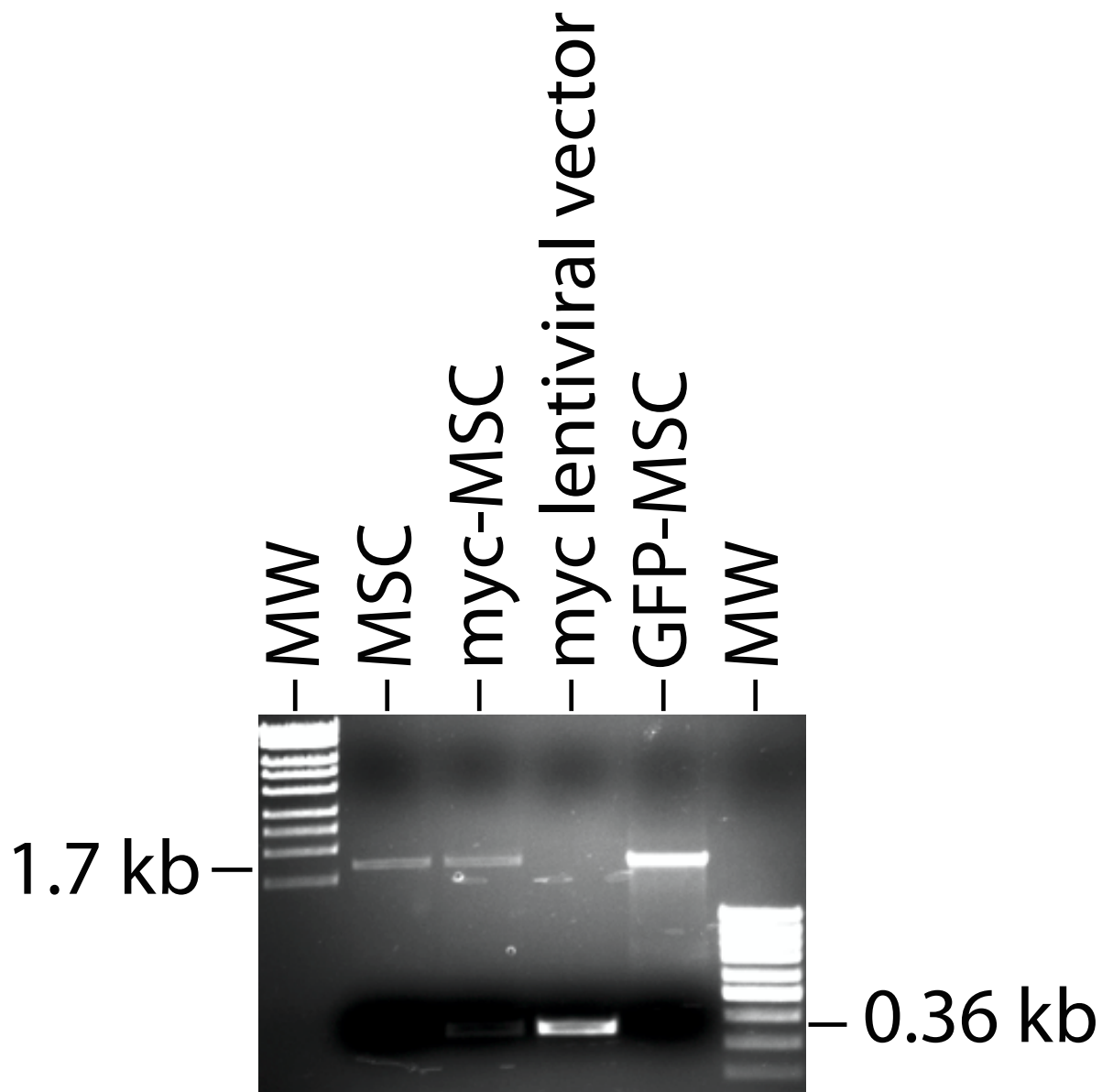
**FIGURE 6**

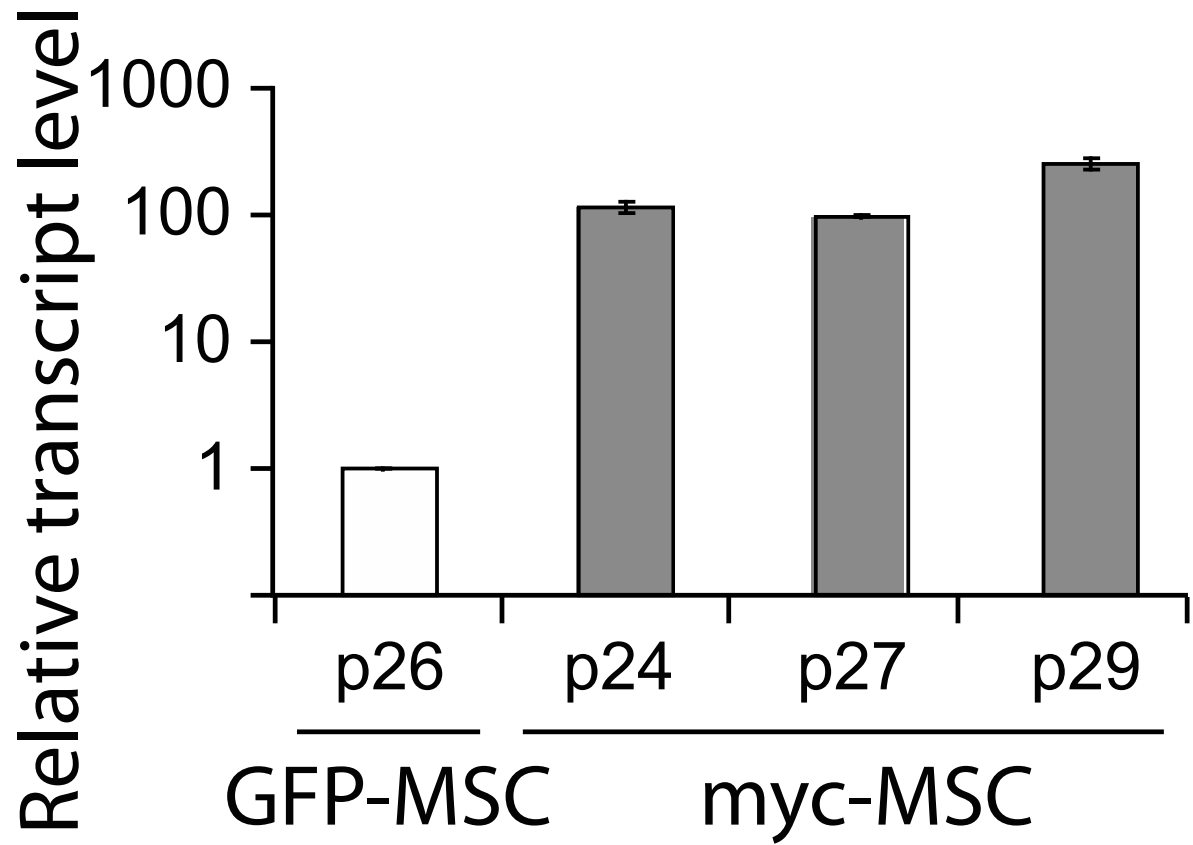
**FIGURE 7**

**FIGURE 8**

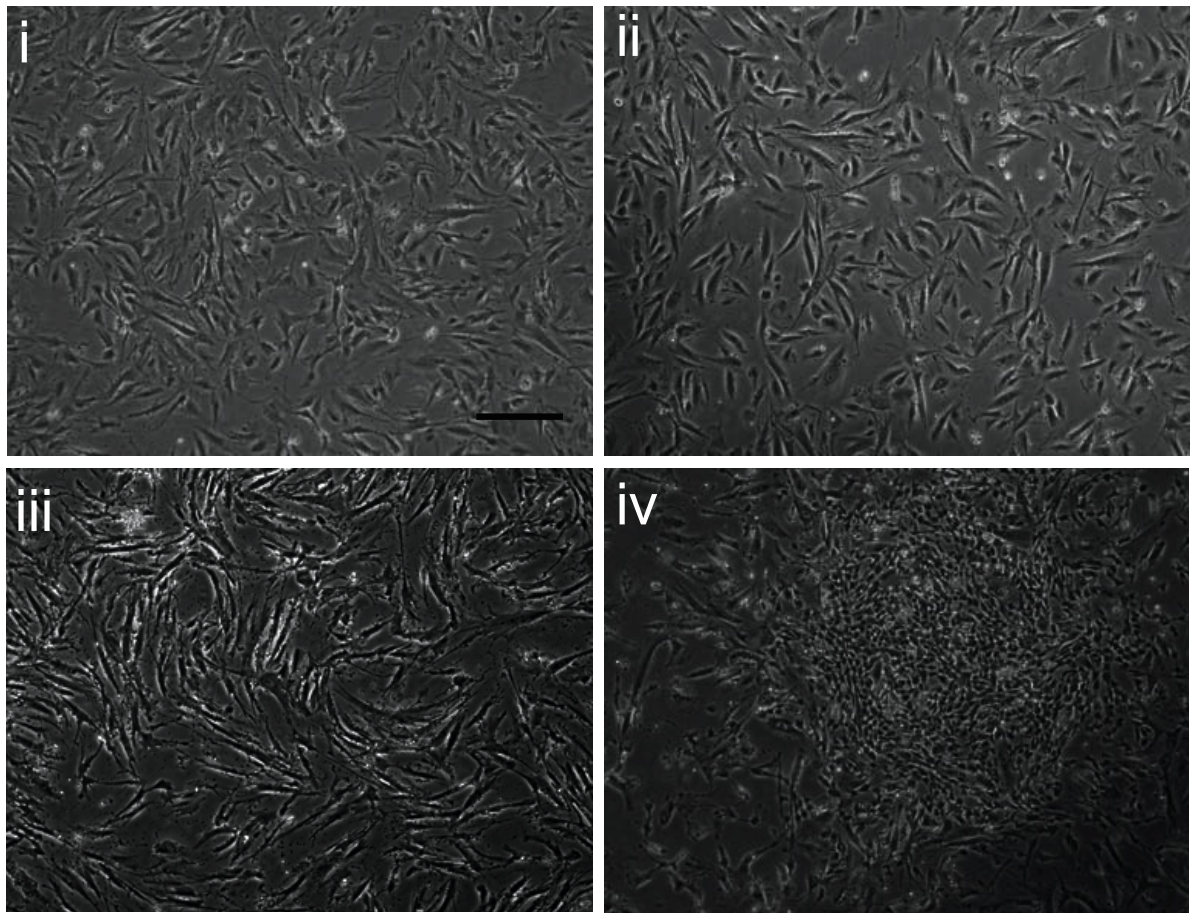


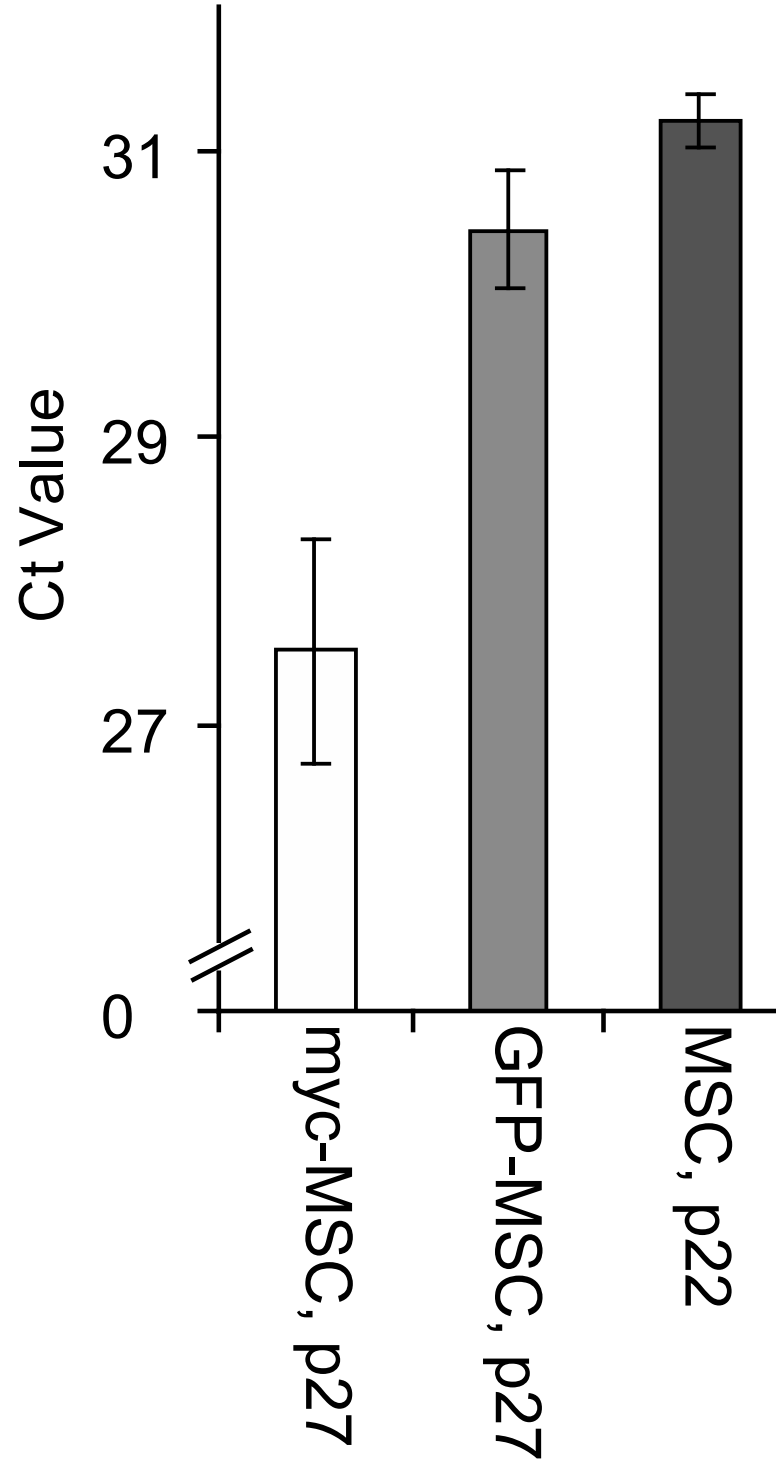
**FIGURE 9**

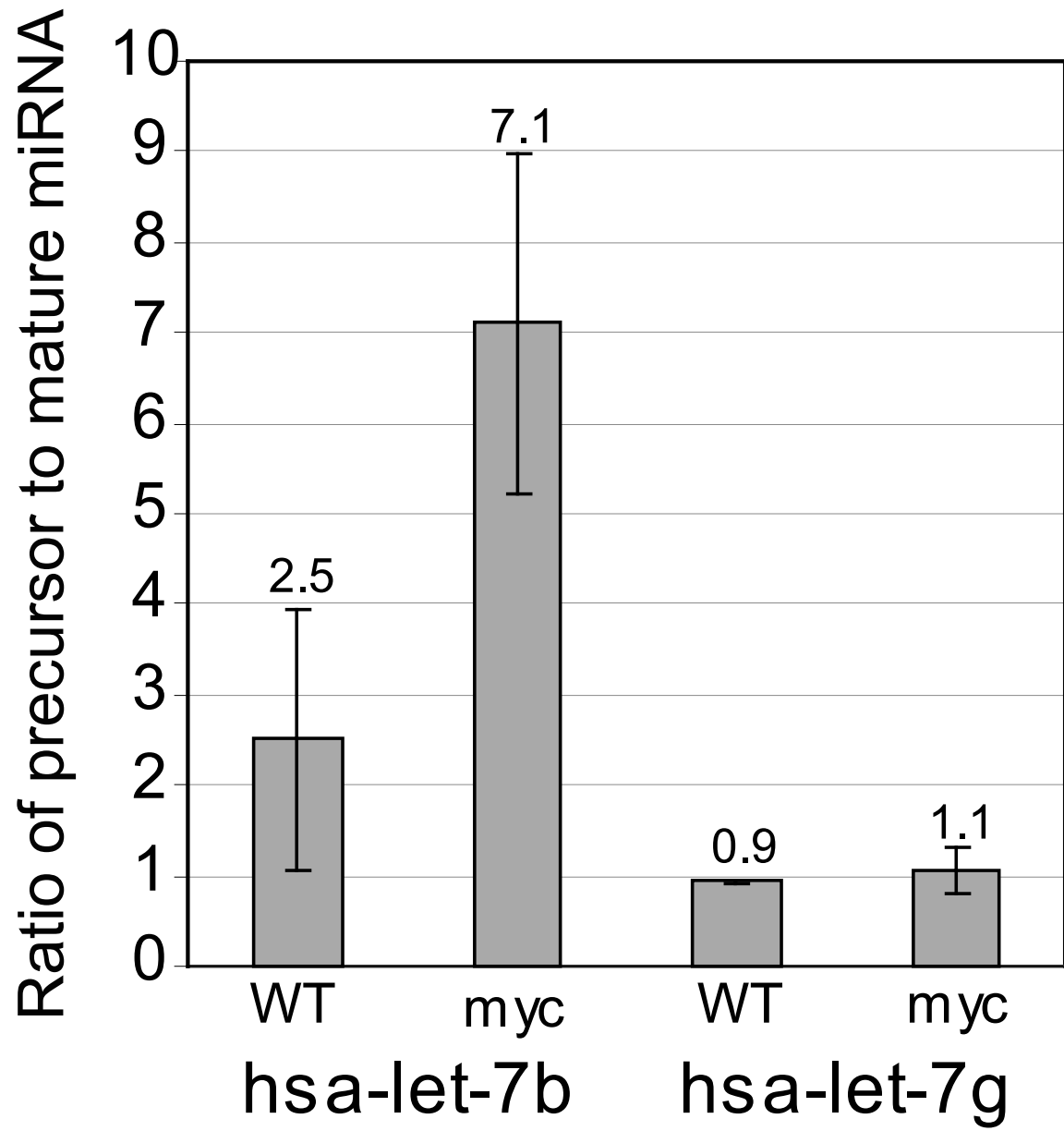
**FIGURE 10**

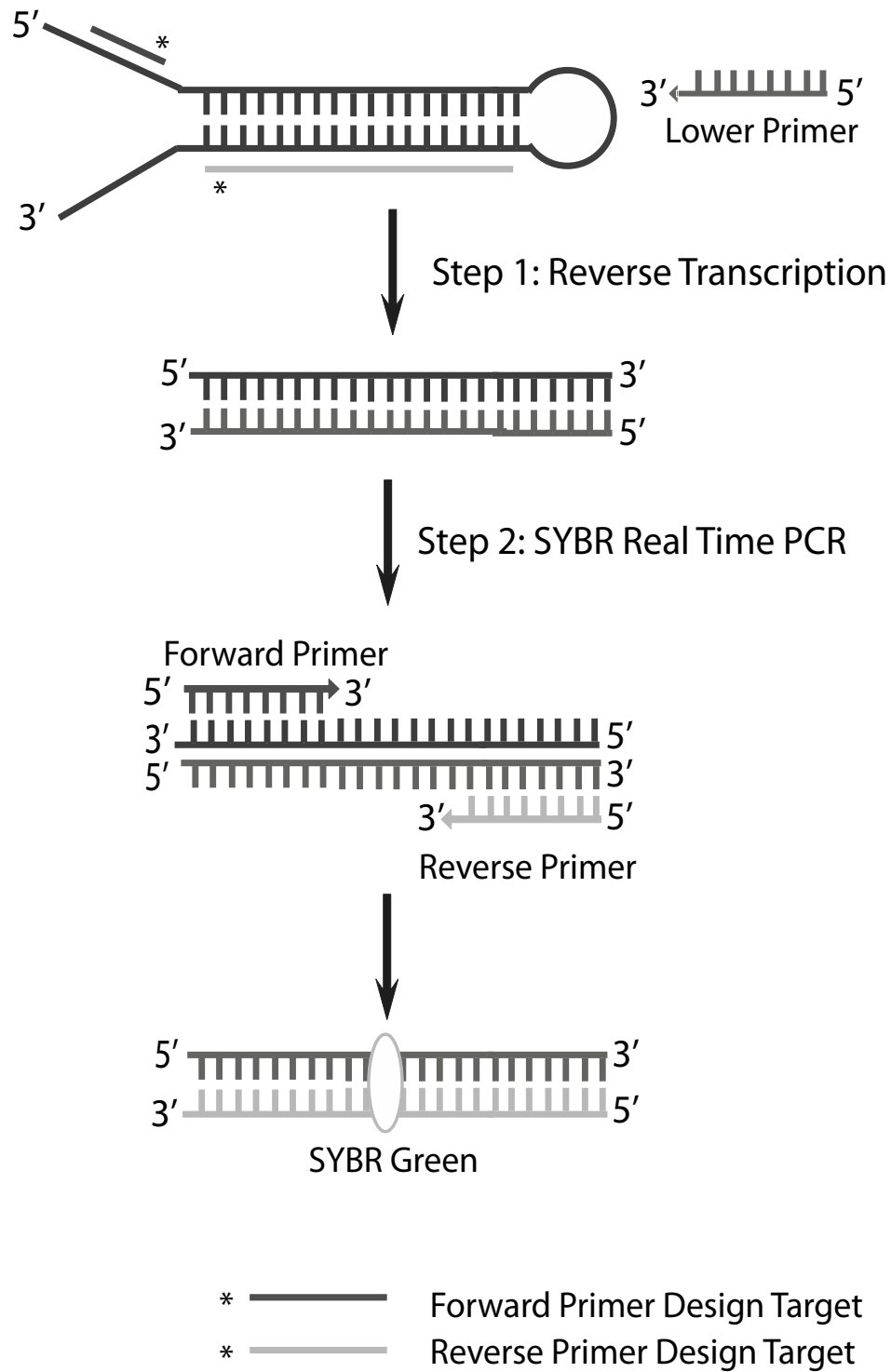
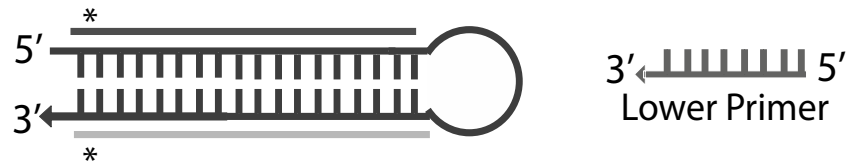
**FIGURE 11****Primary microRNA RT PCR**

**FIGURE 12**

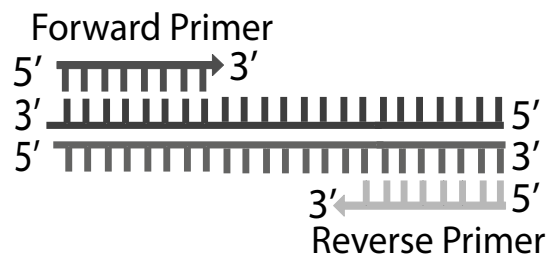
## Pre-Cursor microRNA RT PCR



Step 1: Reverse Transcription



Step 2: SYBR Real Time PCR



\* ——— Forward Primer Design Target  
 \* ——— Reverse Primer Design Target

**FIGURE 13**

## Mature microRNA RT PCR

