

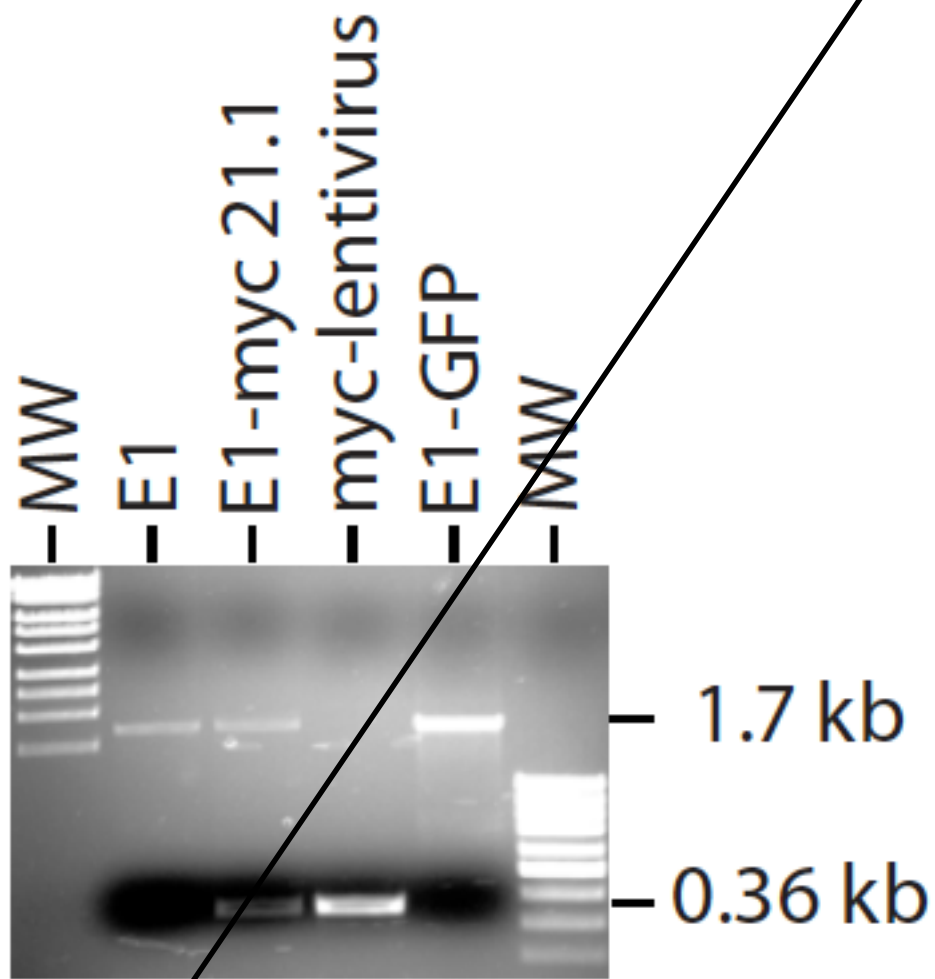
FIGURE 1A

FIGURE 1B

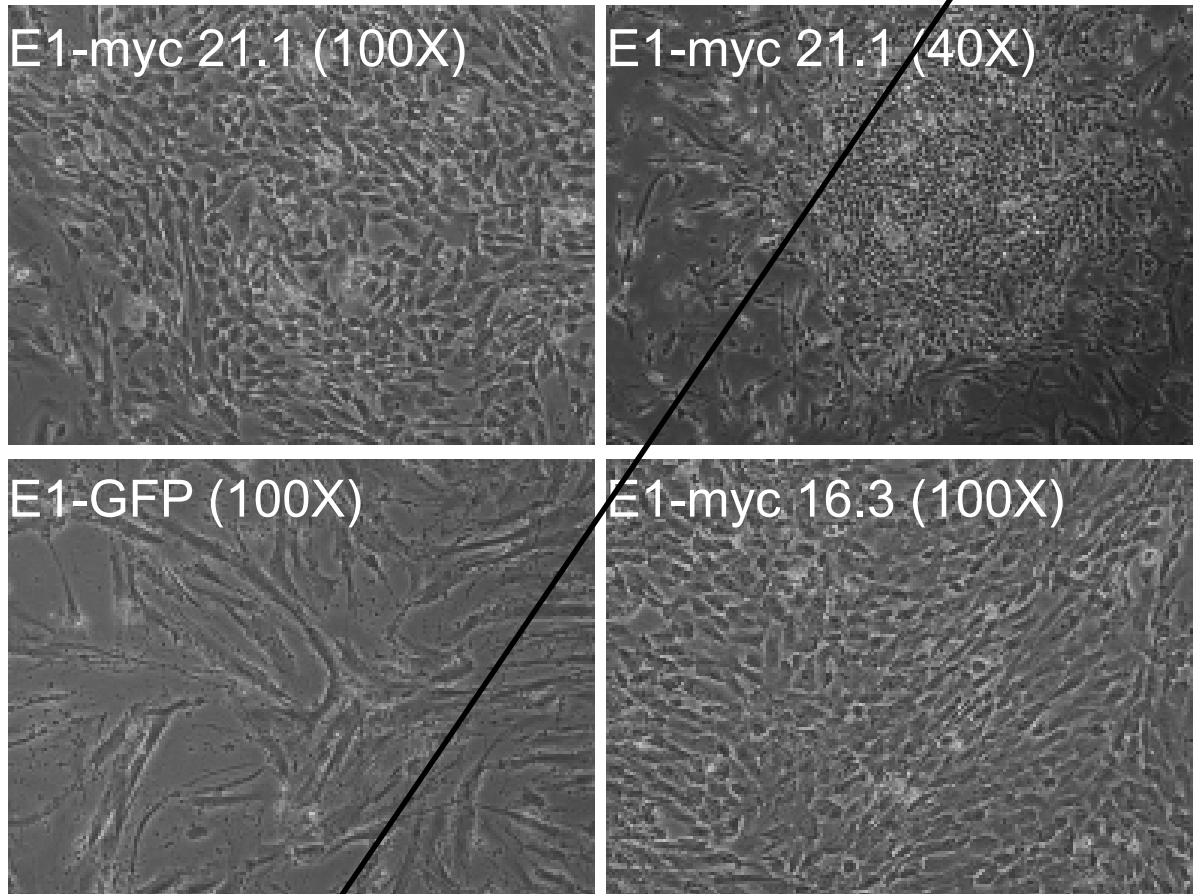


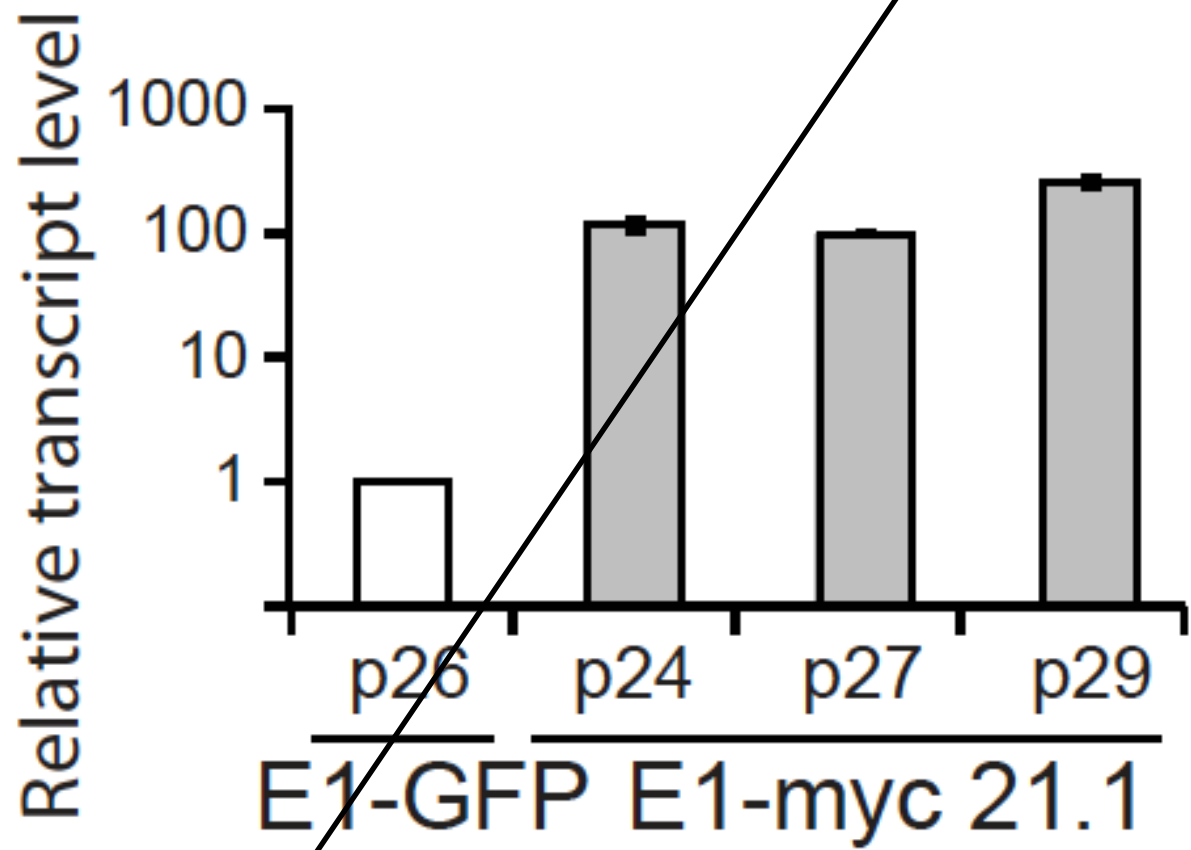
FIGURE 1C

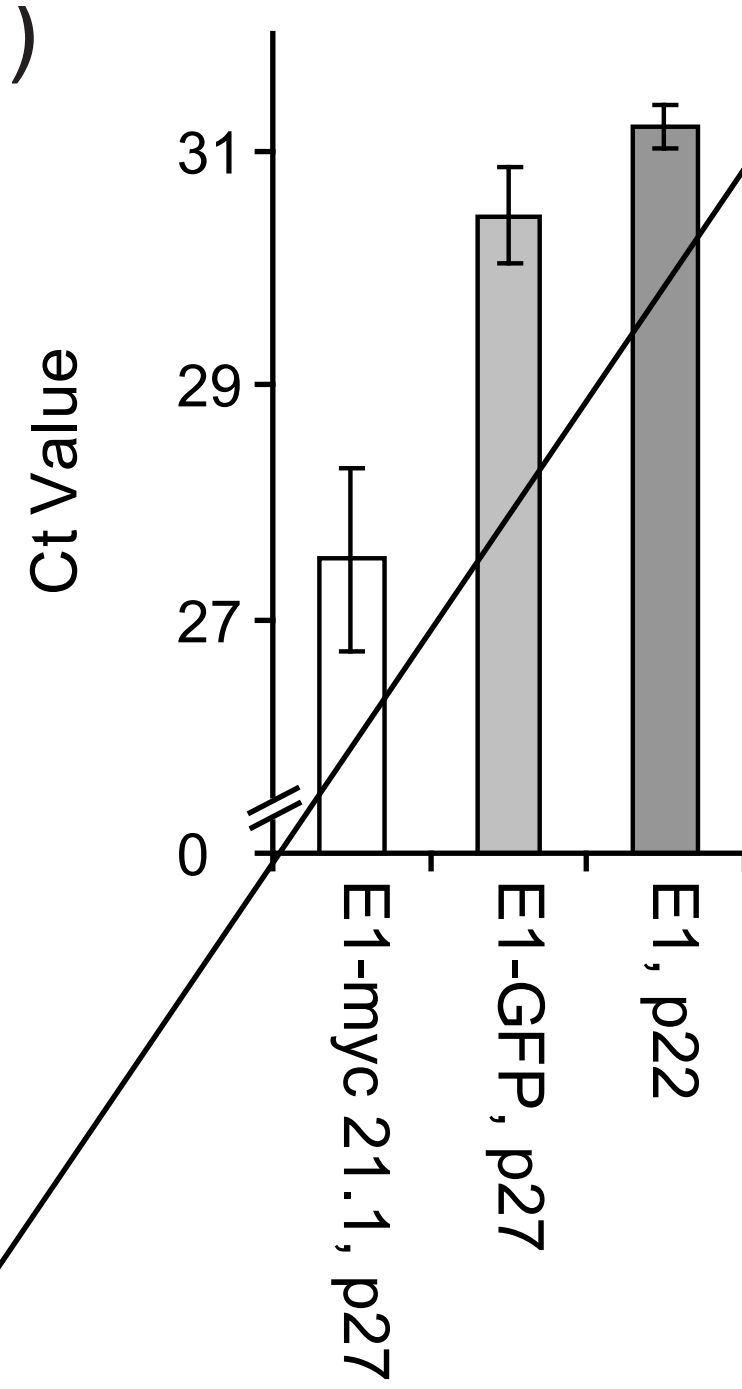
FIGURE 1D

FIGURE 1E

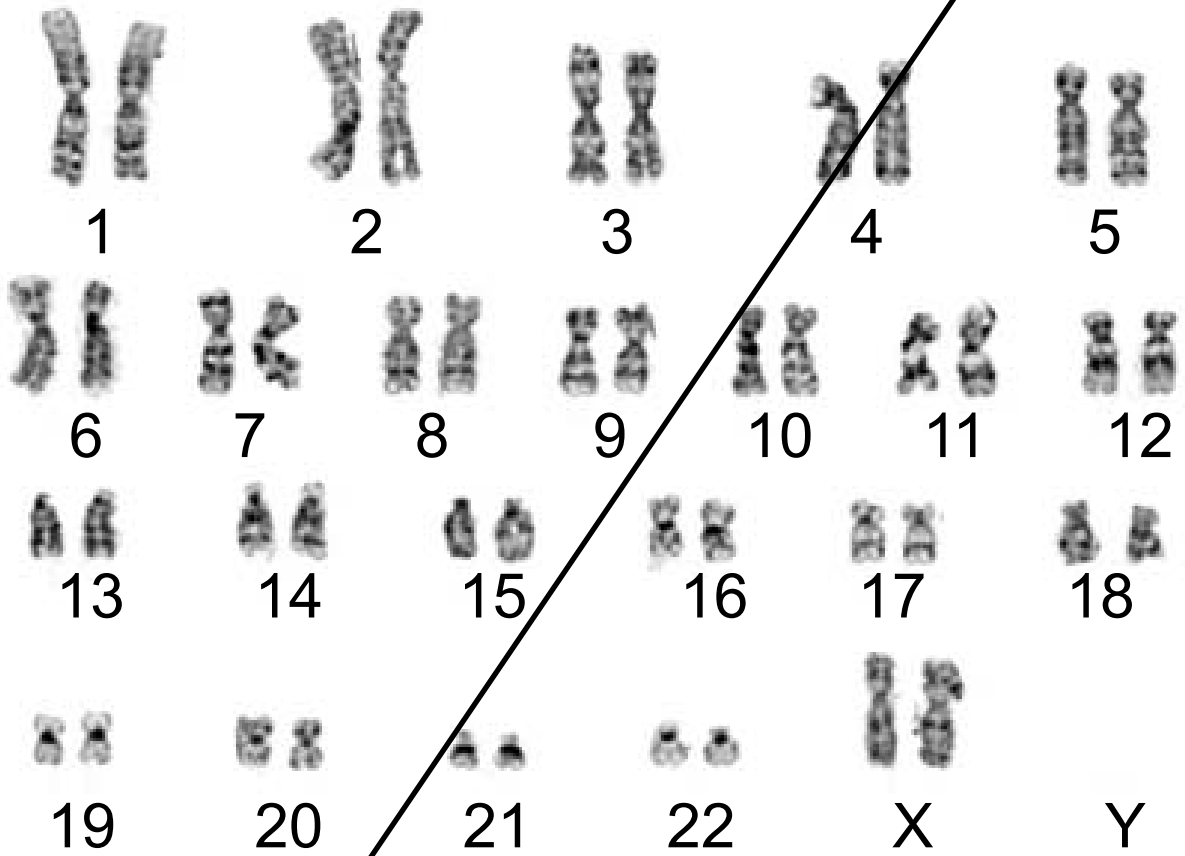
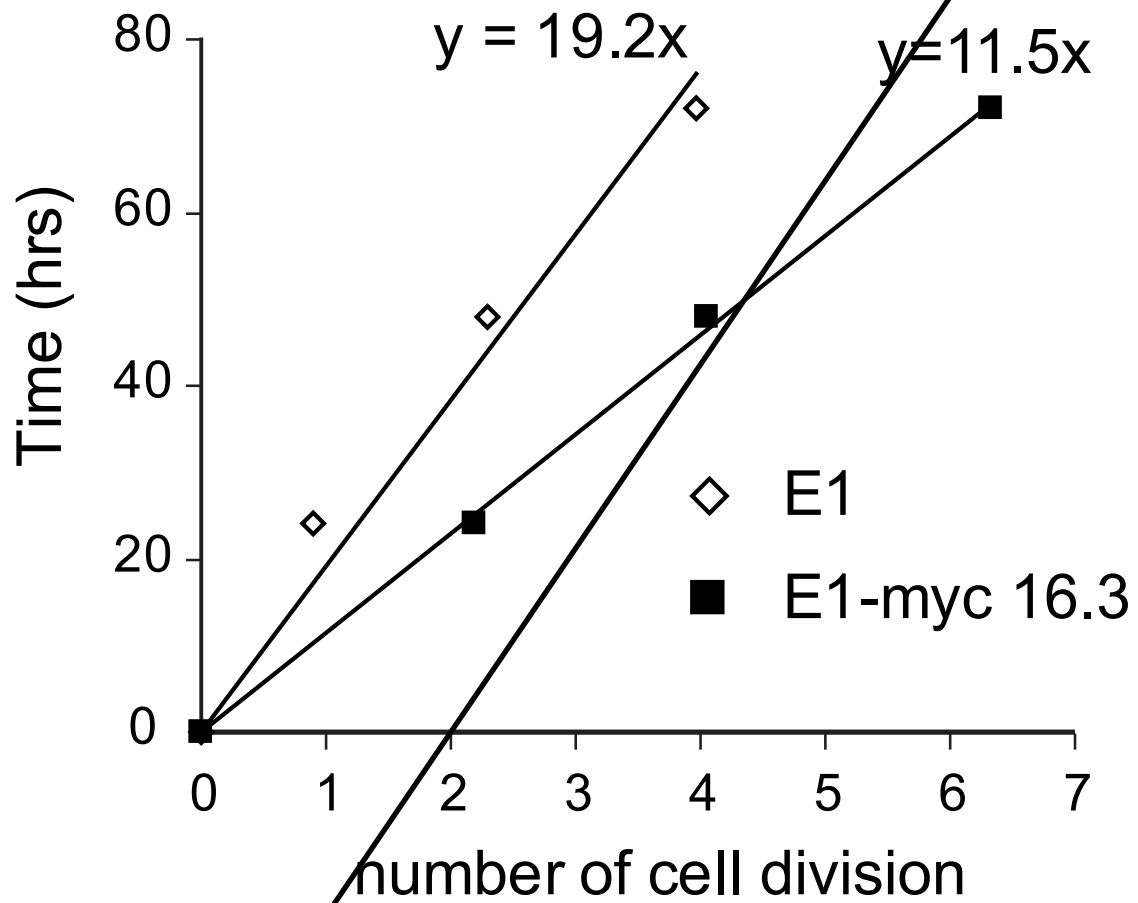


FIGURE 1F

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FIGURE 2

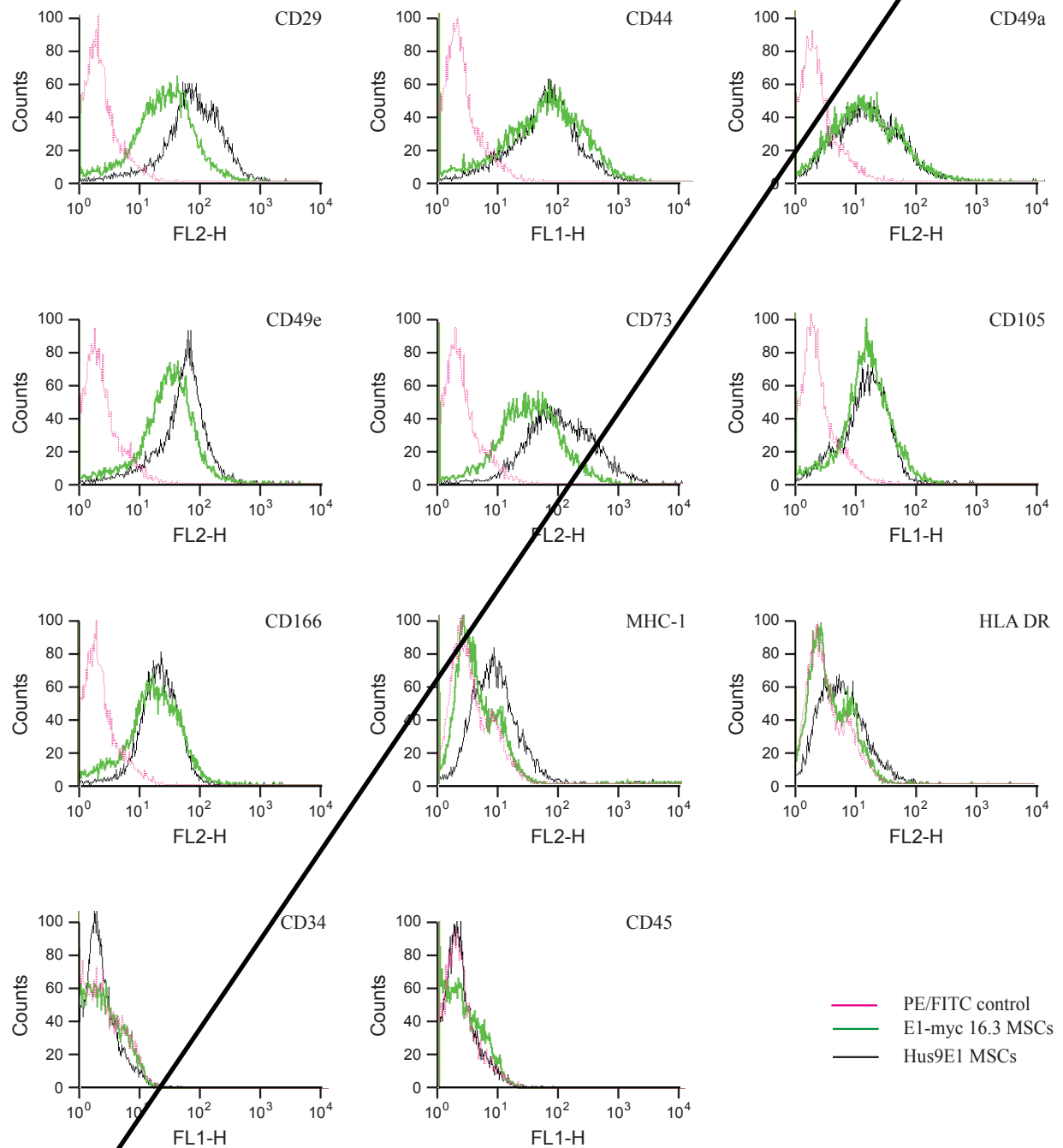
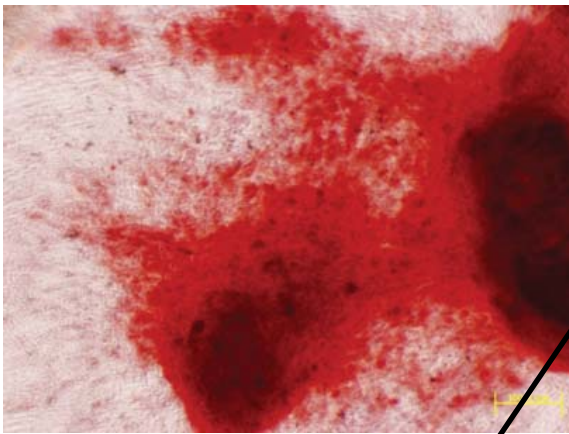
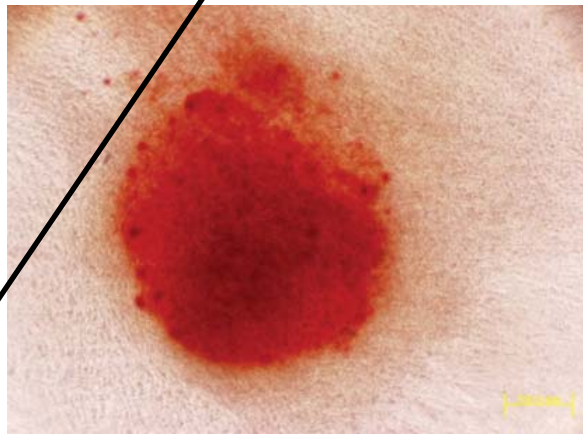


FIGURE 3A

Osteogenesis



E1-myc 16.3

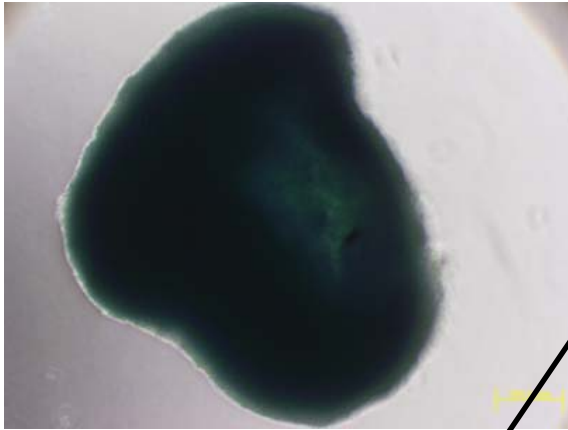


HuES9.E1

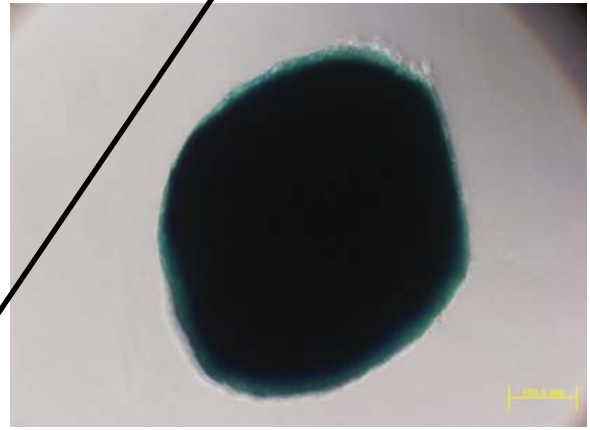
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FIGURE 3B

Chondrogenesis



E1-myc 16.3

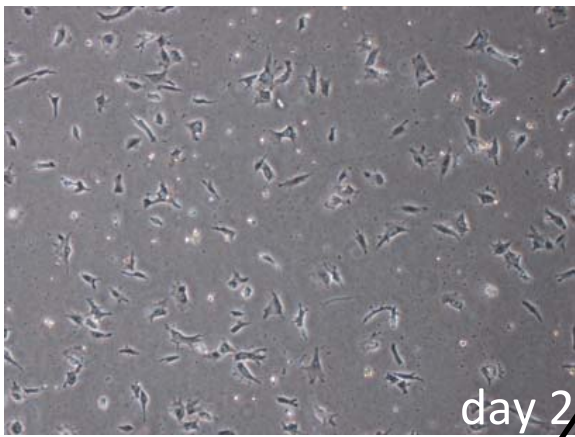


HuES9.E1

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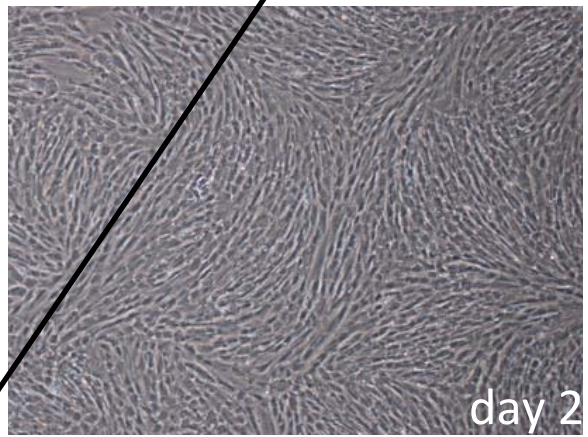
FIGURE 3C

Adipogenesis



E1-myc 16.3

day 2



HuES9.E1

day 2

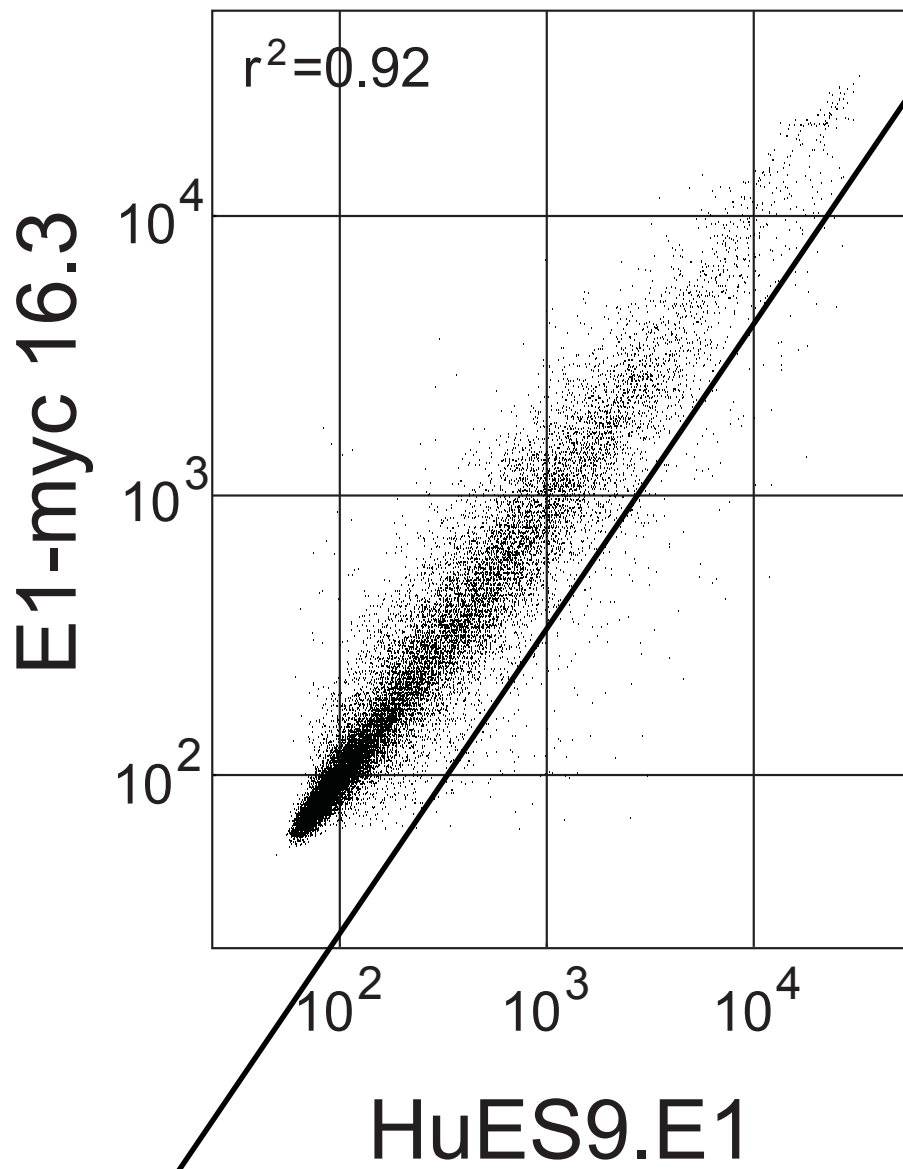
FIGURE 4A

FIGURE 4B

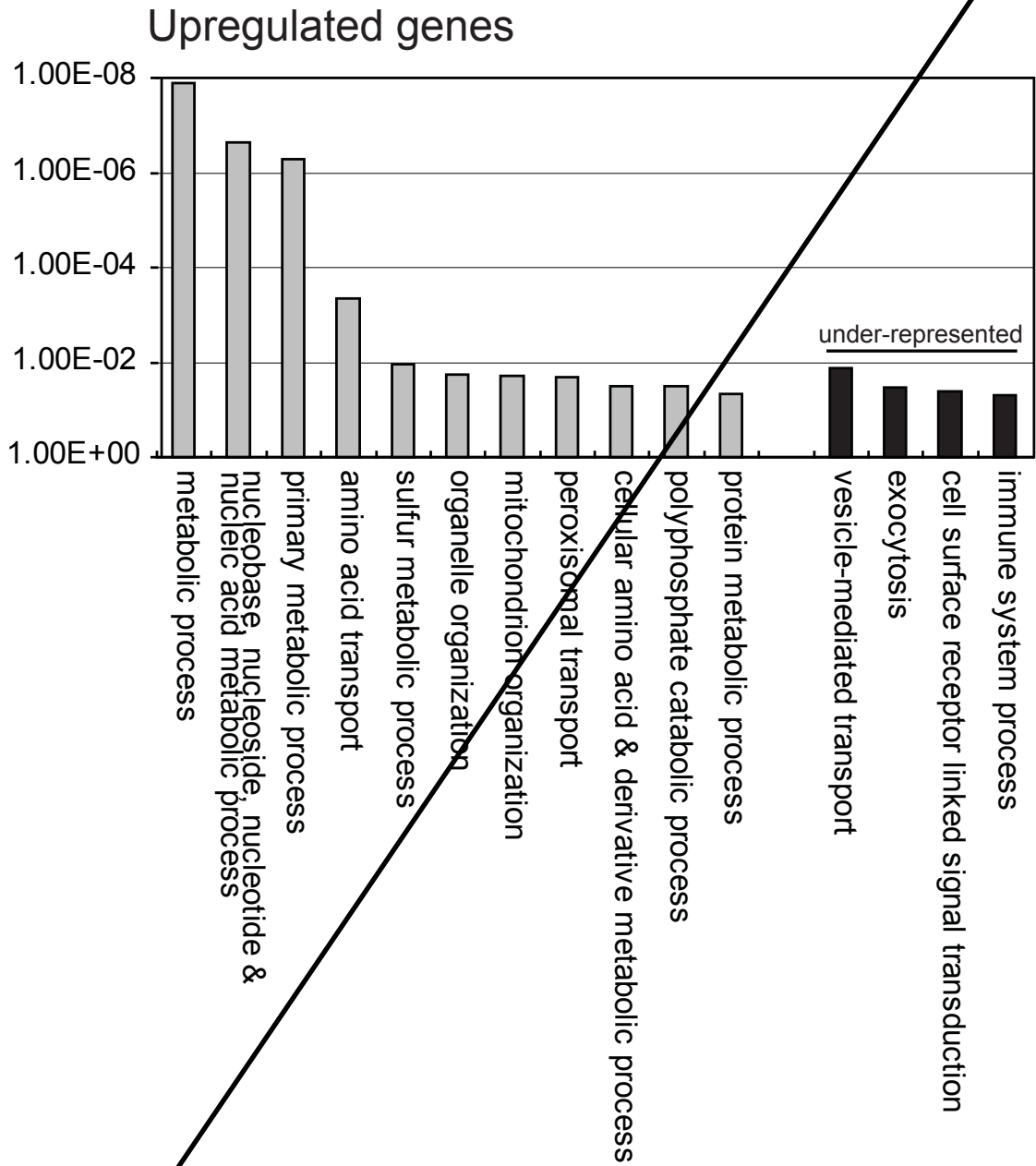


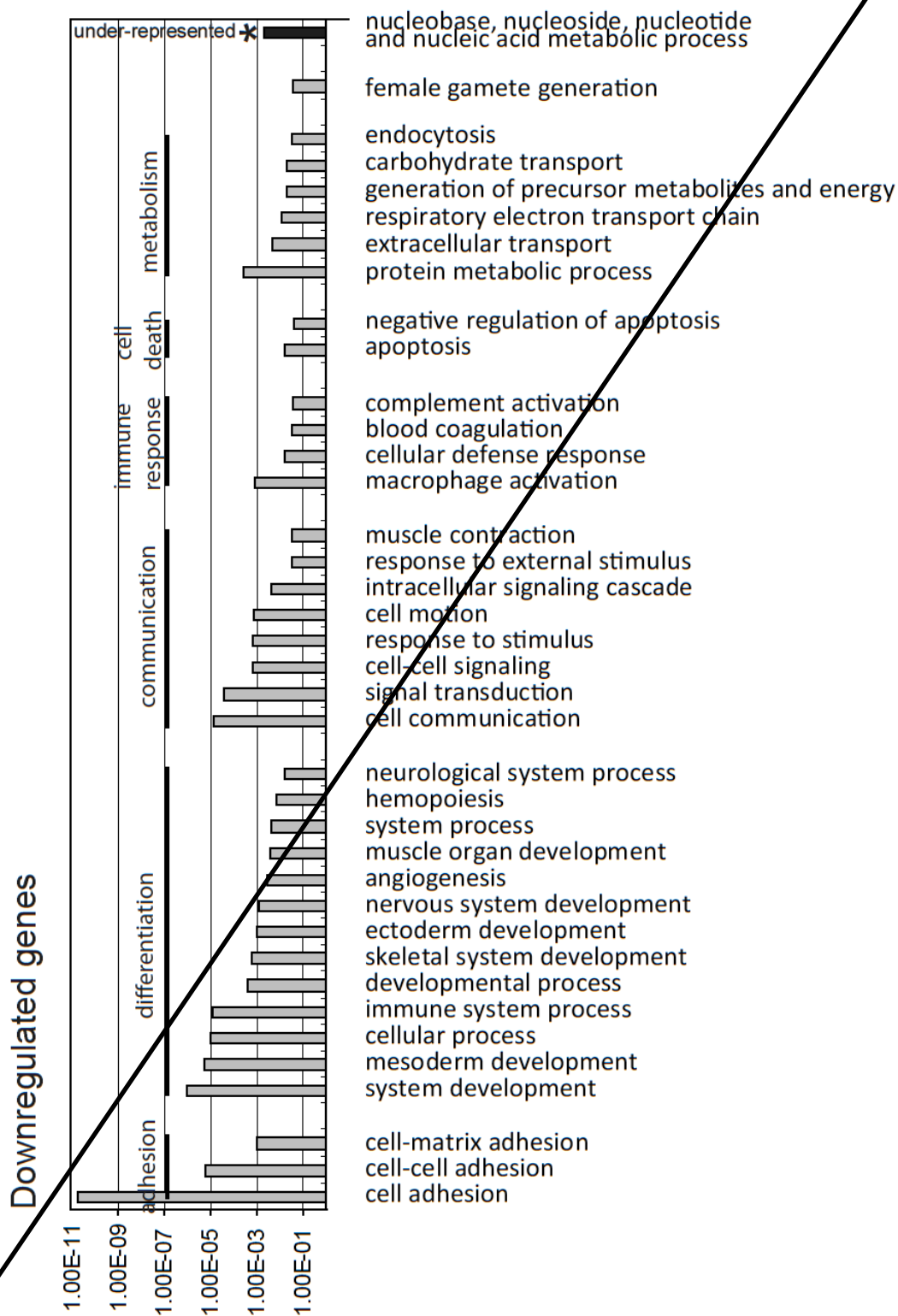
FIGURE 4C

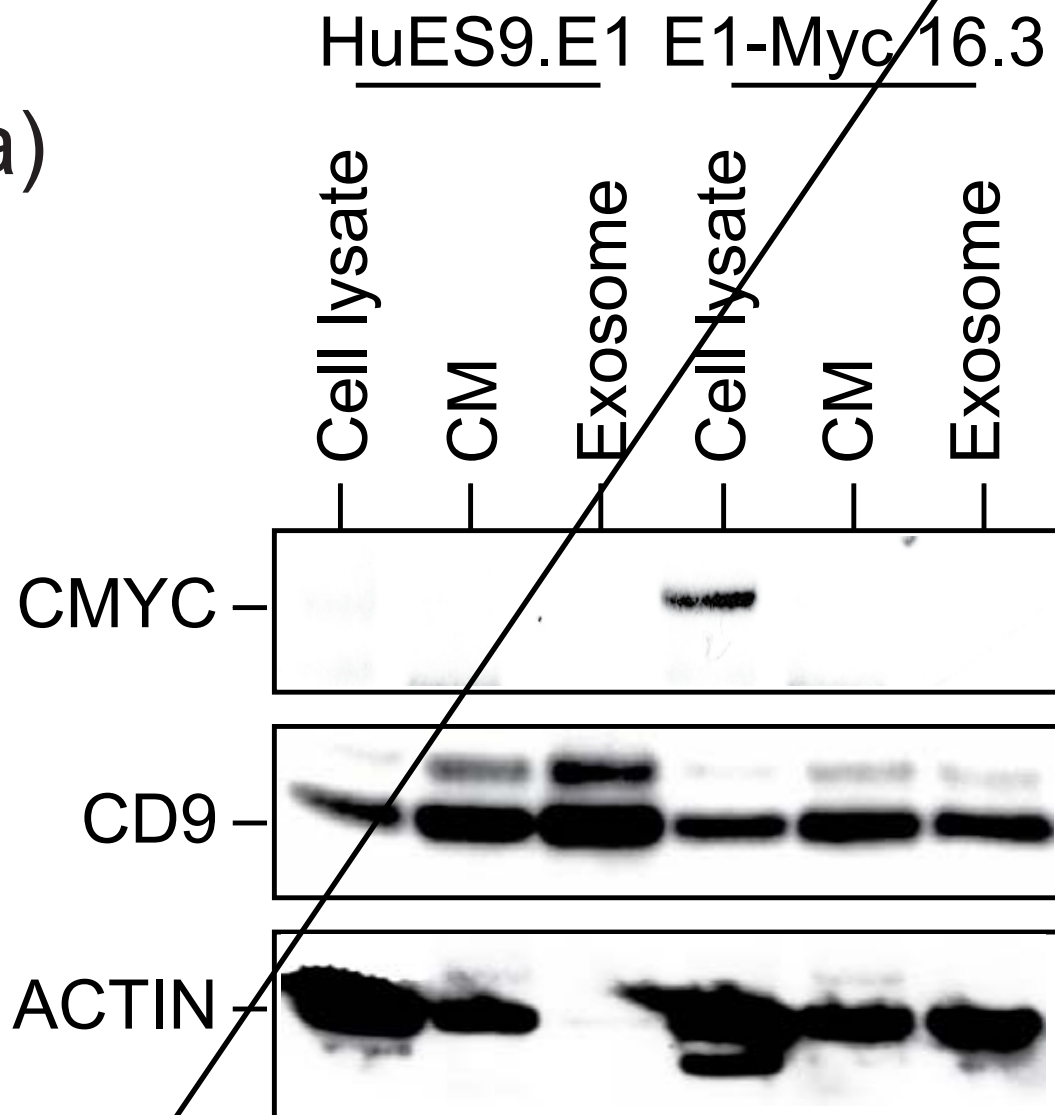
FIGURE 5A**a)**

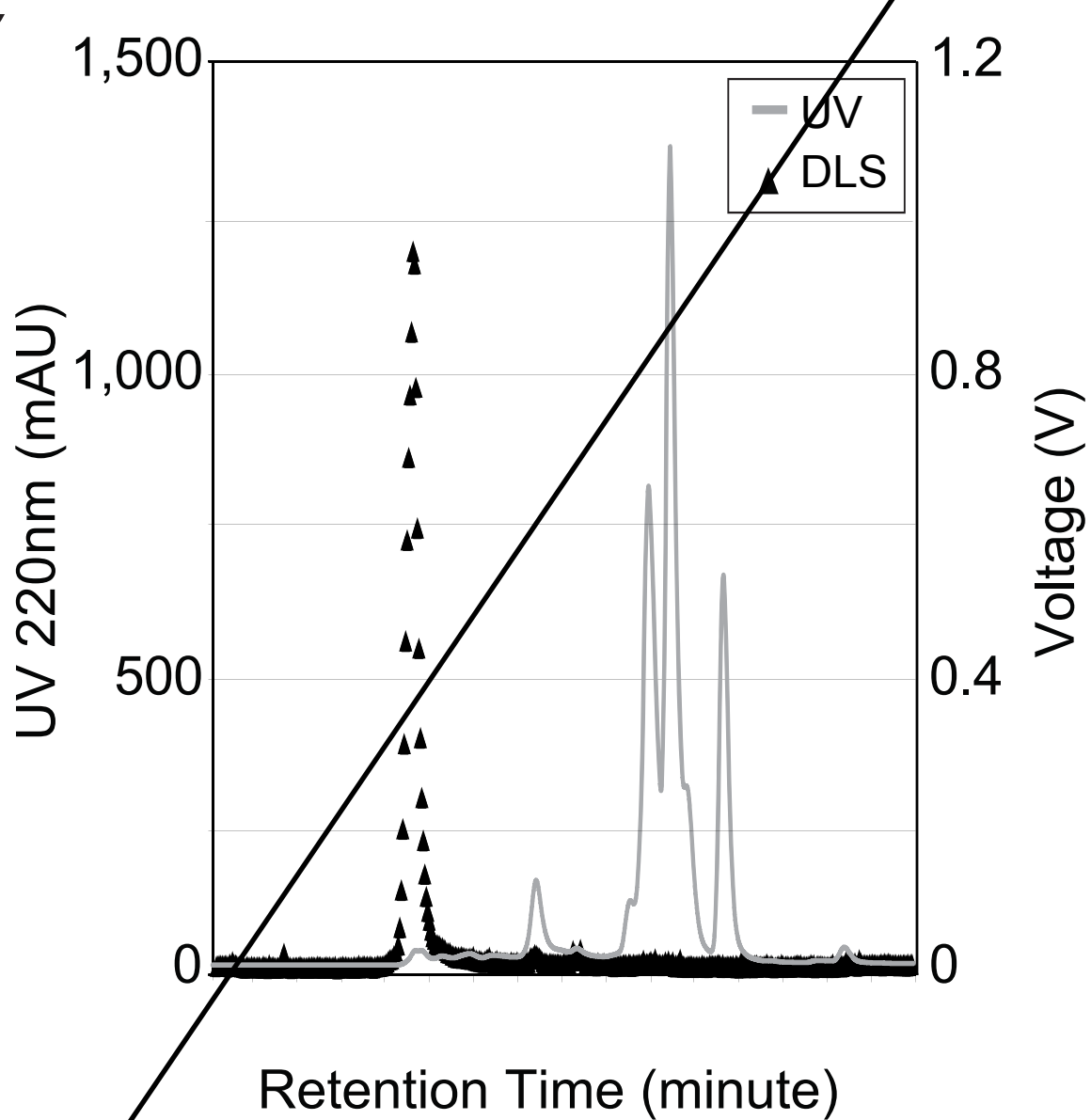
FIGURE 5B

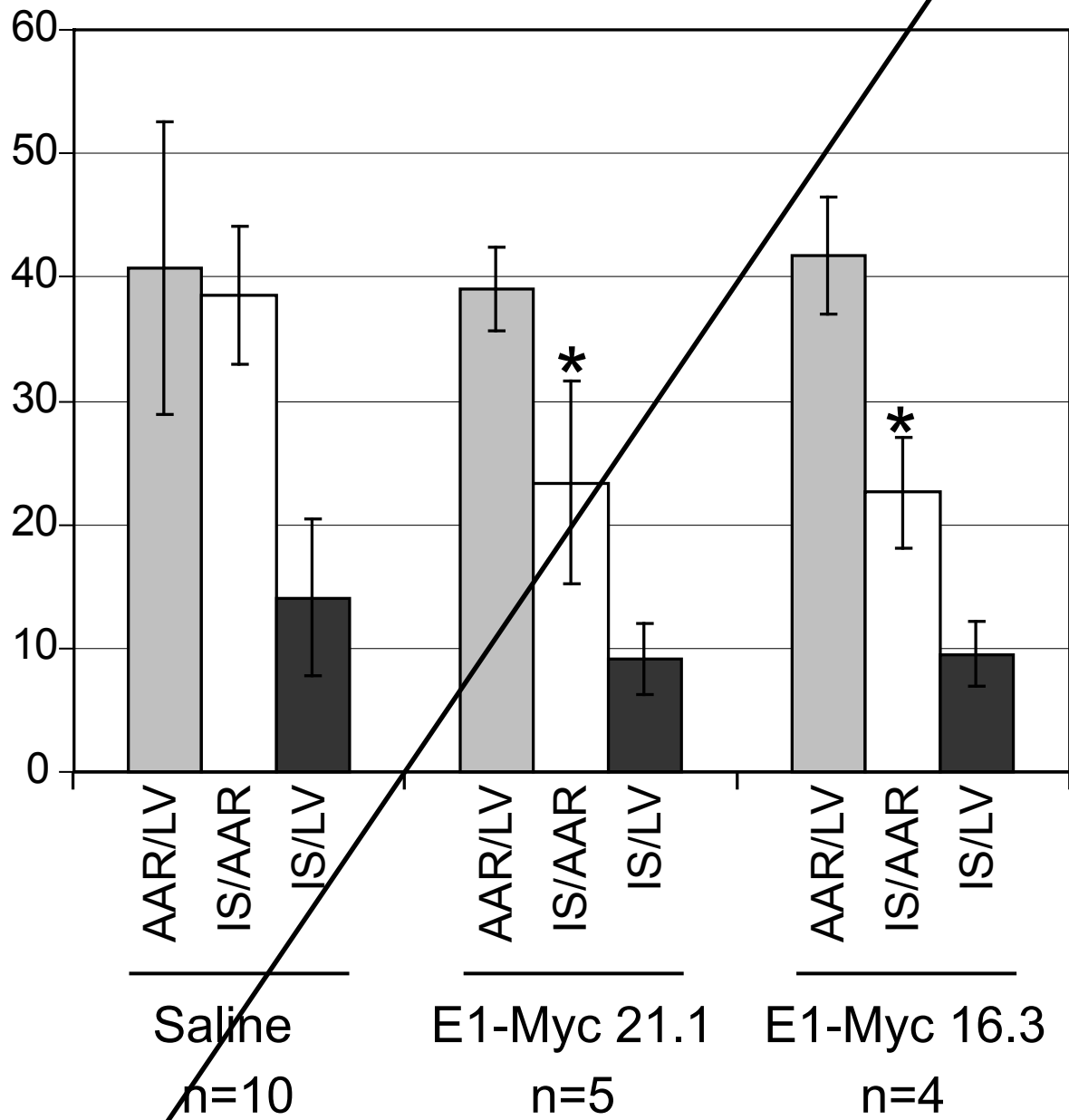
FIGURE 5C

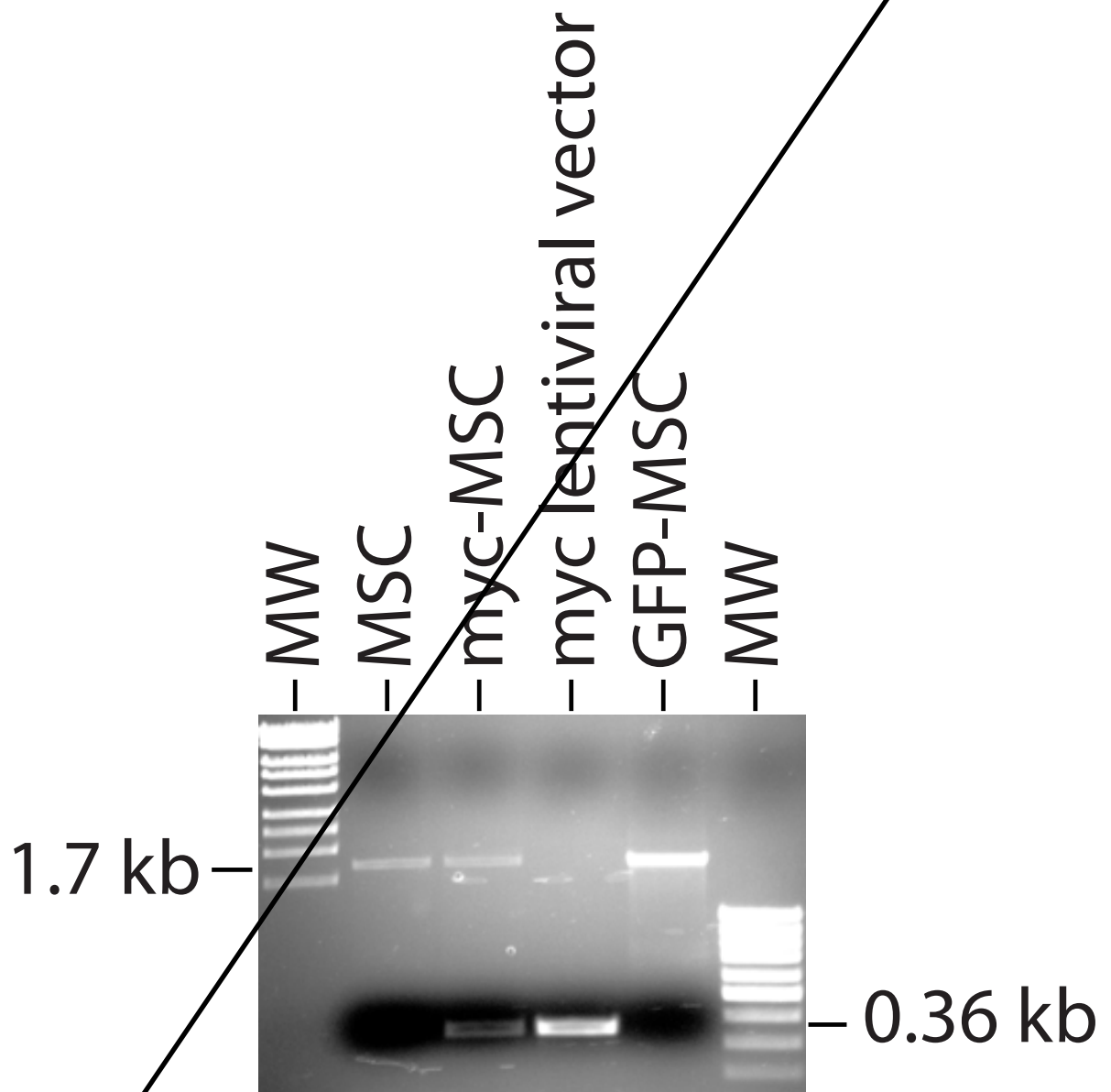
FIGURE 6

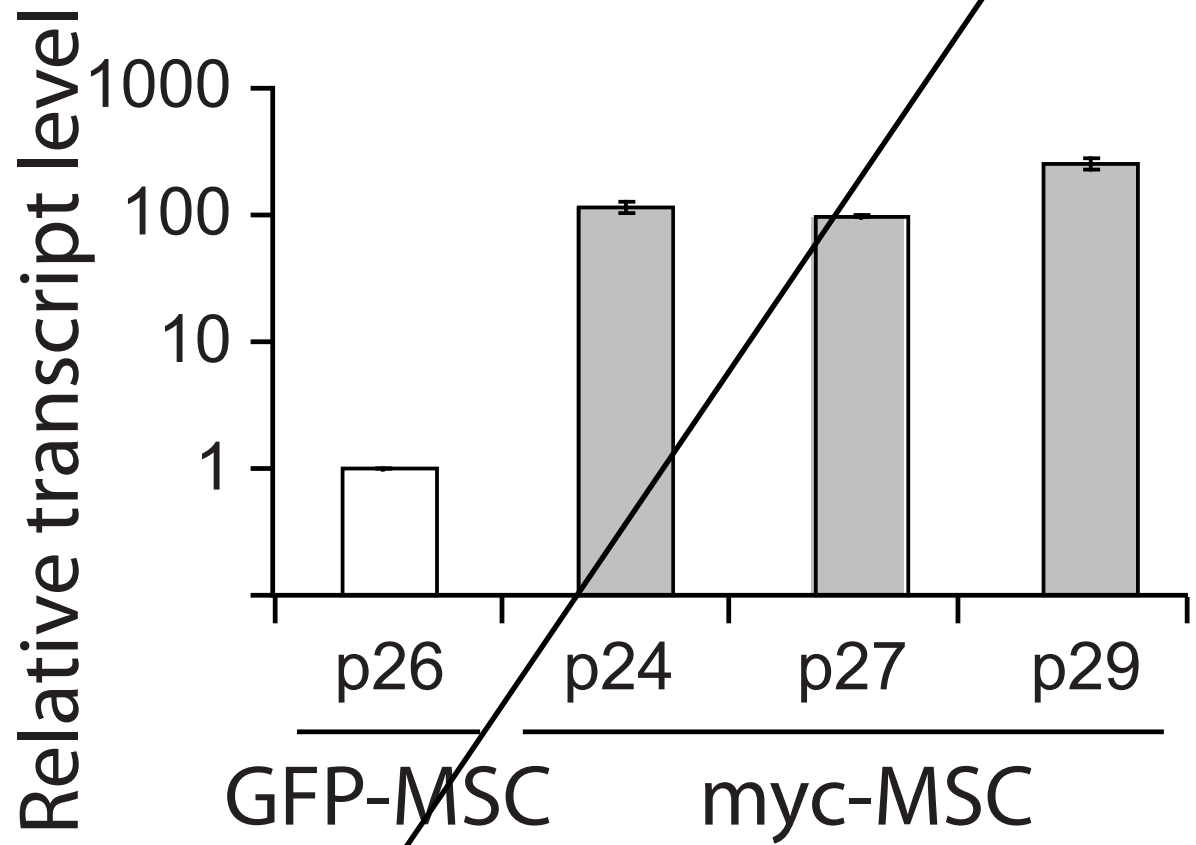
FIGURE 7

FIGURE 8

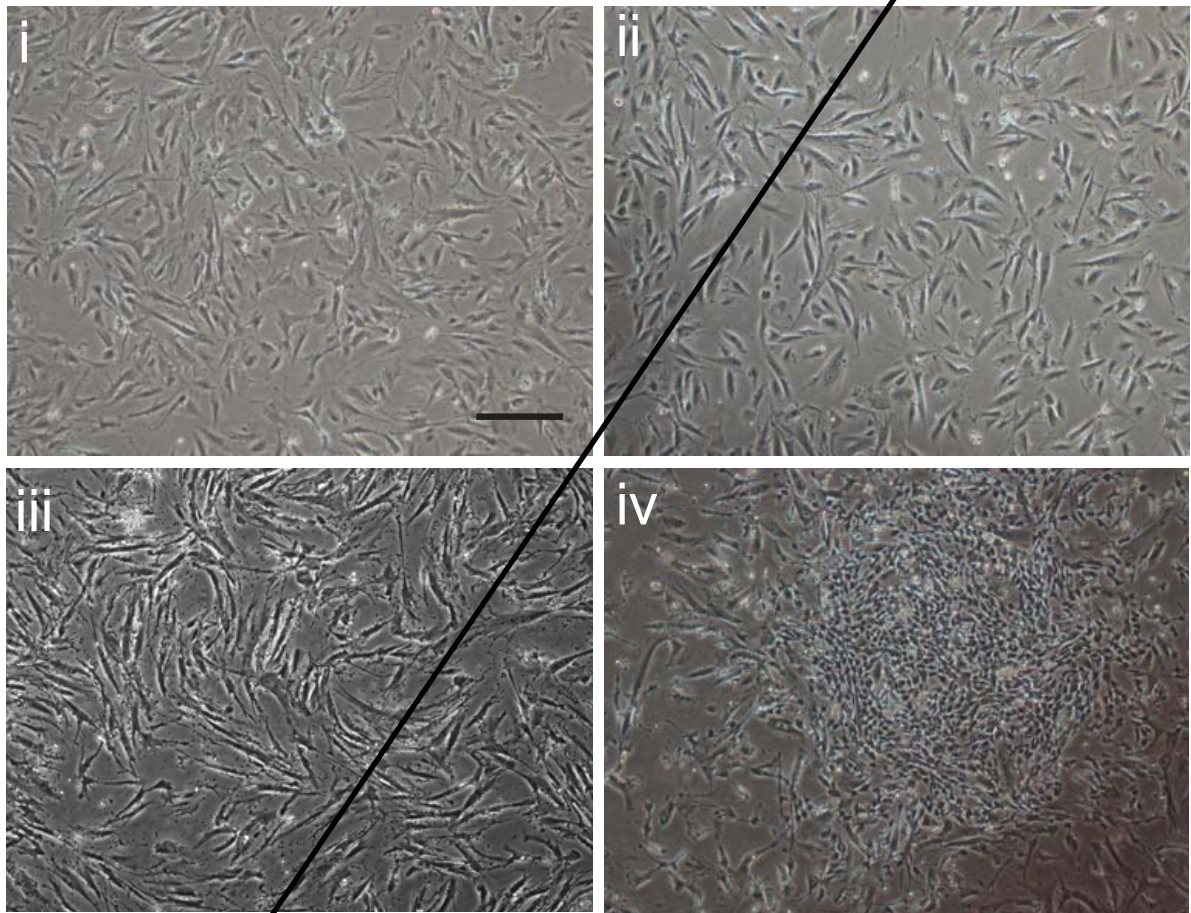


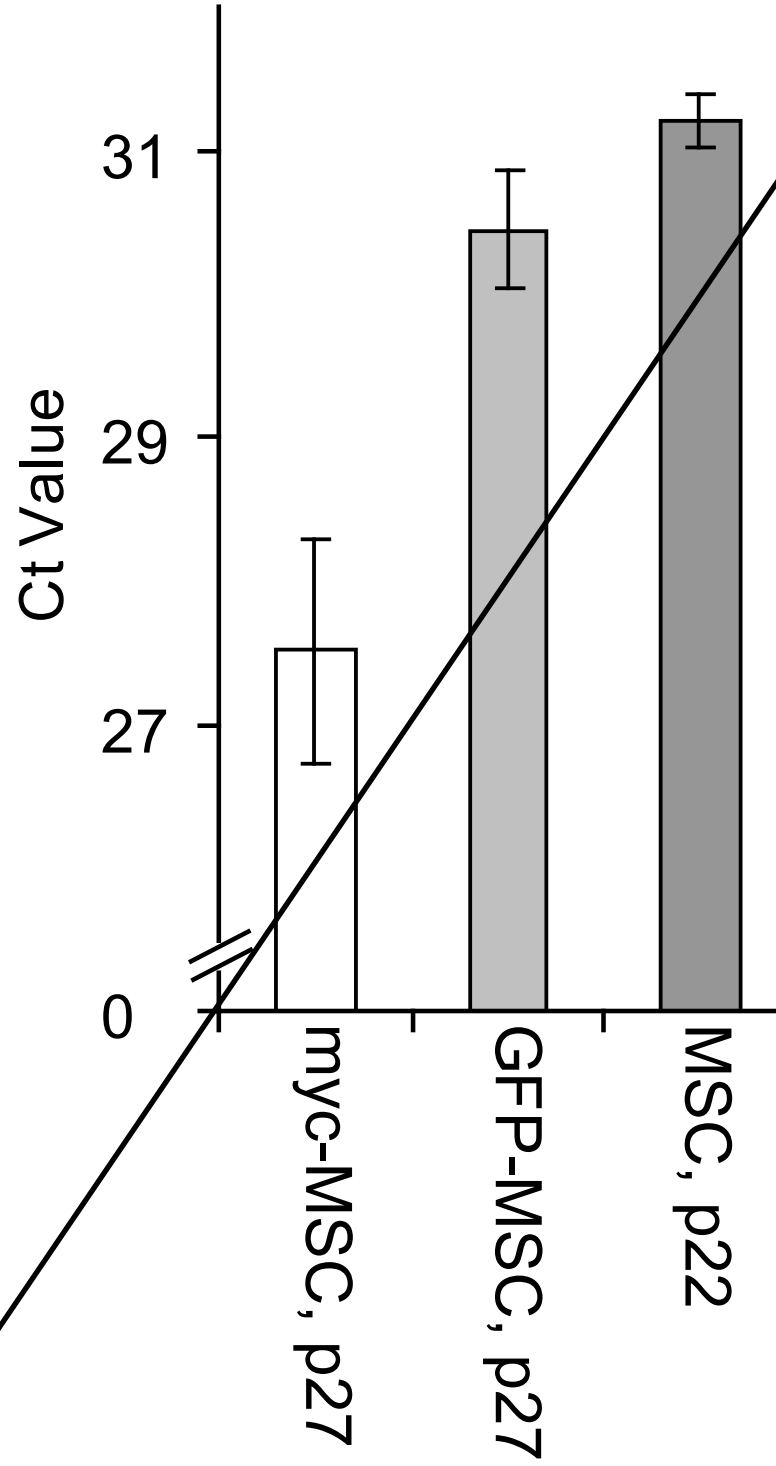
FIGURE 9

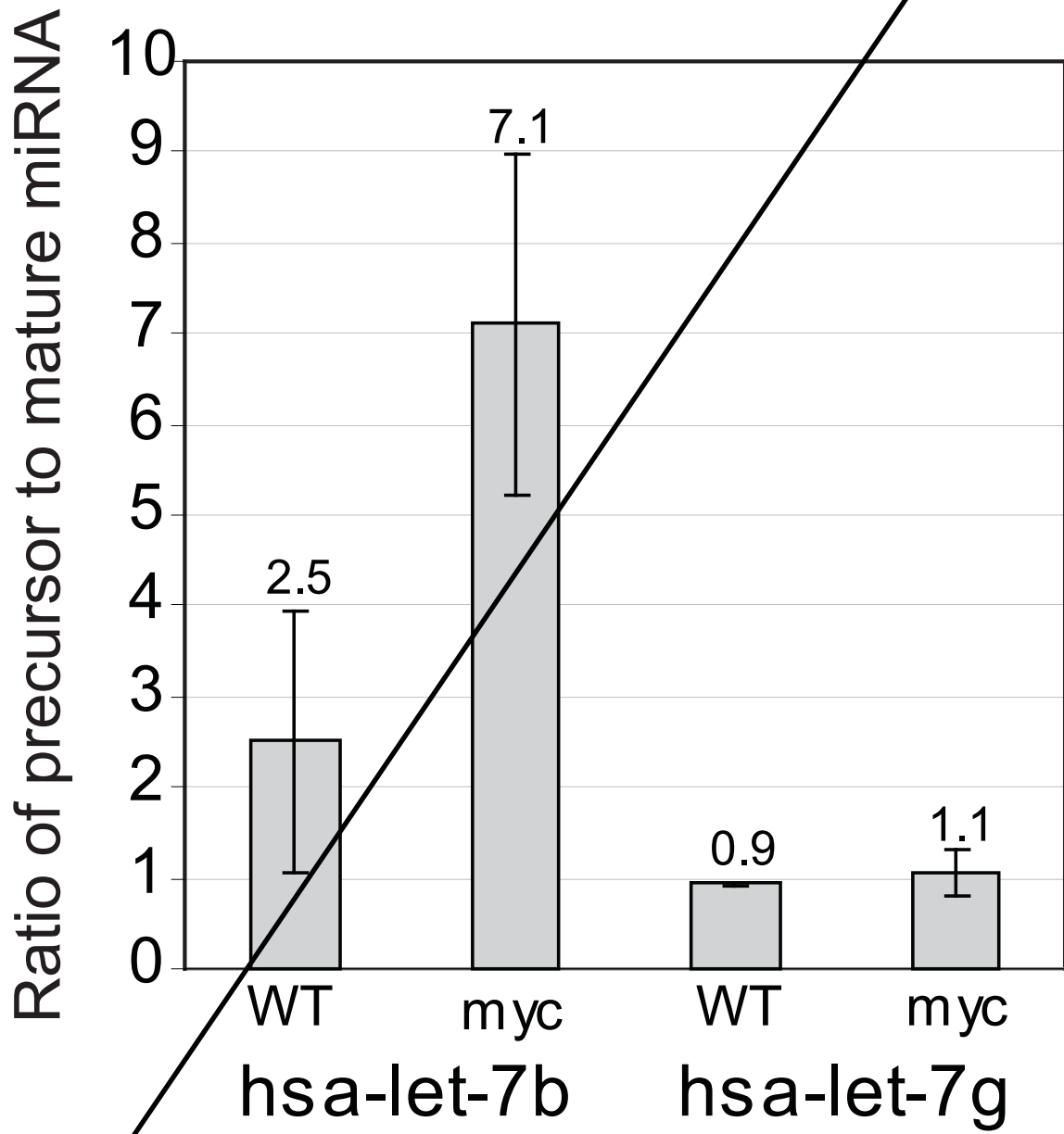
FIGURE 10

FIGURE 11

Primary microRNA RT PCR

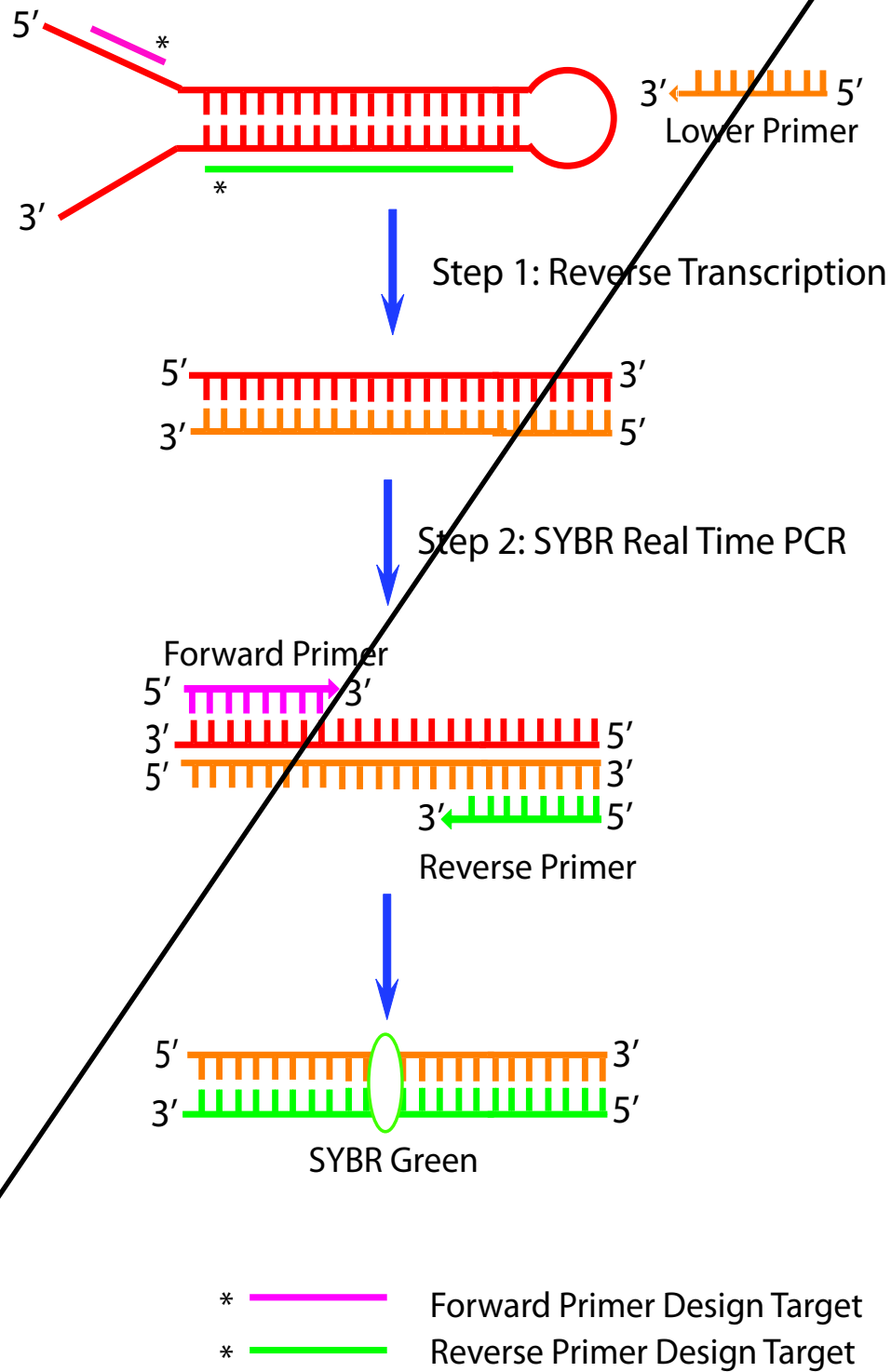
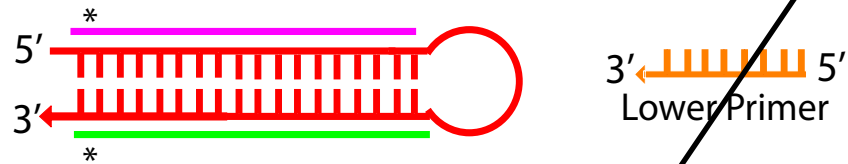


FIGURE 12

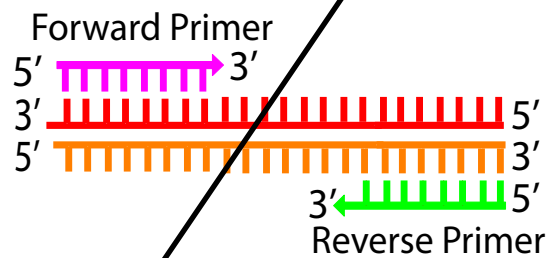
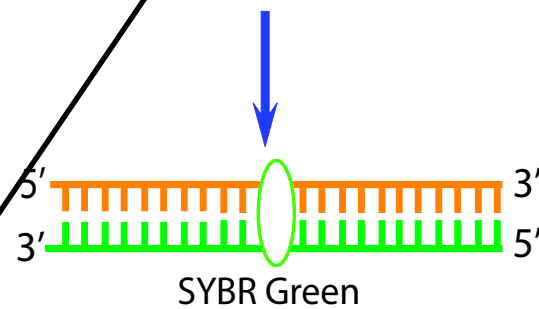
Pre-Cursor microRNA RT PCR



Step 1: Reverse Transcription



Step 2: SYBR Real Time PCR



* ——— Forward Primer Design Target

* ——— Reverse Primer Design Target

FIGURE 13

Mature microRNA RT PCR

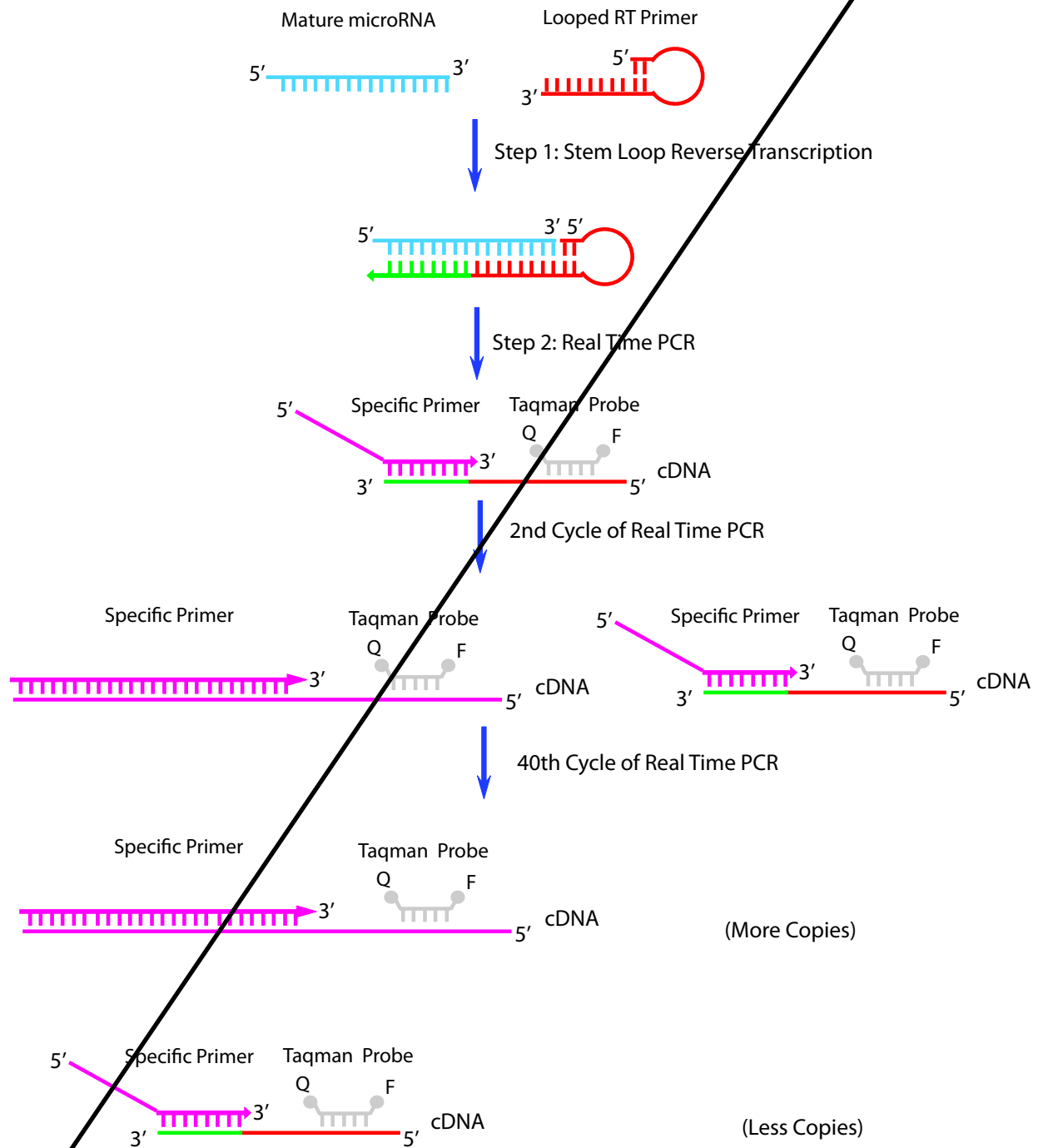


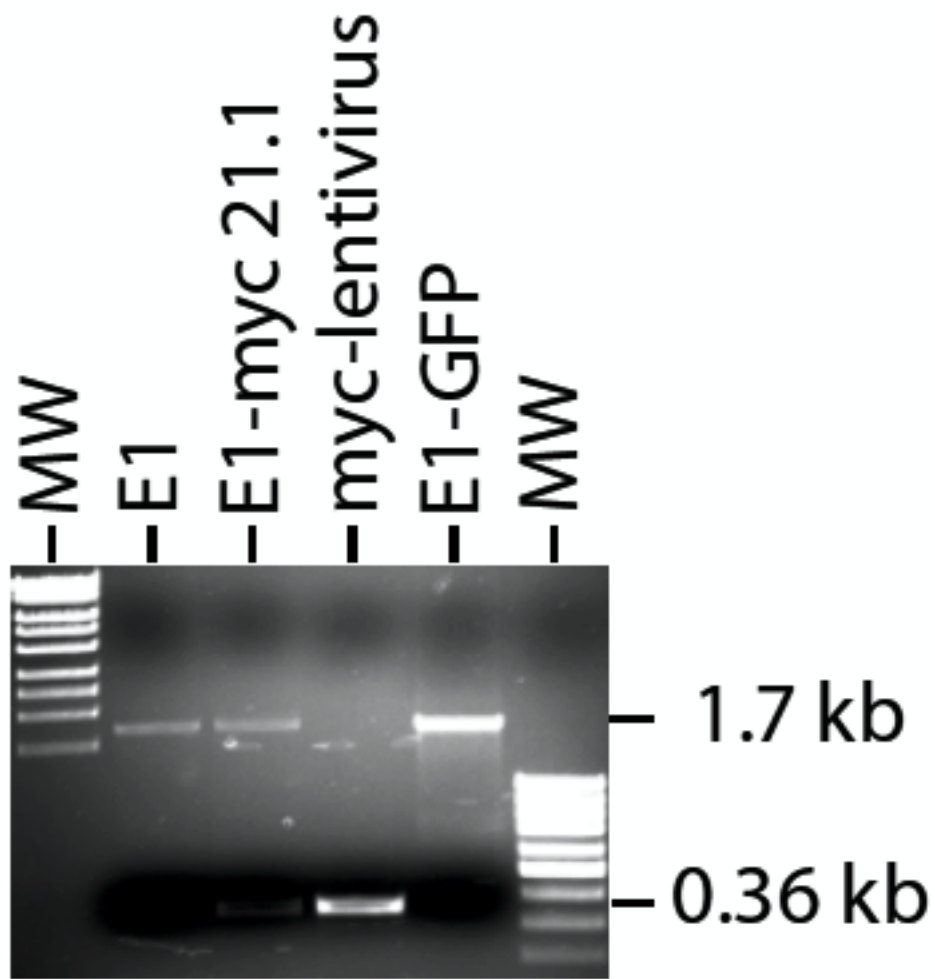
FIGURE 1A

FIGURE 1B

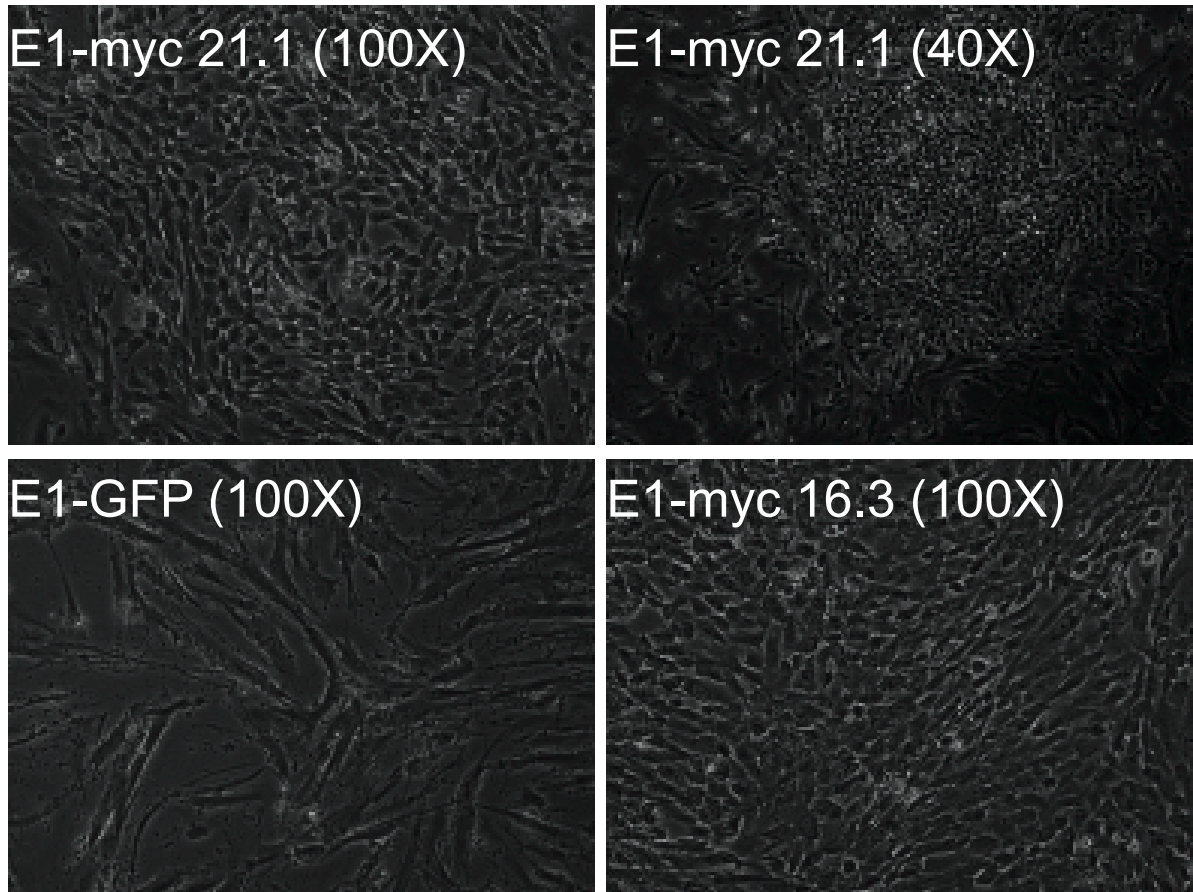


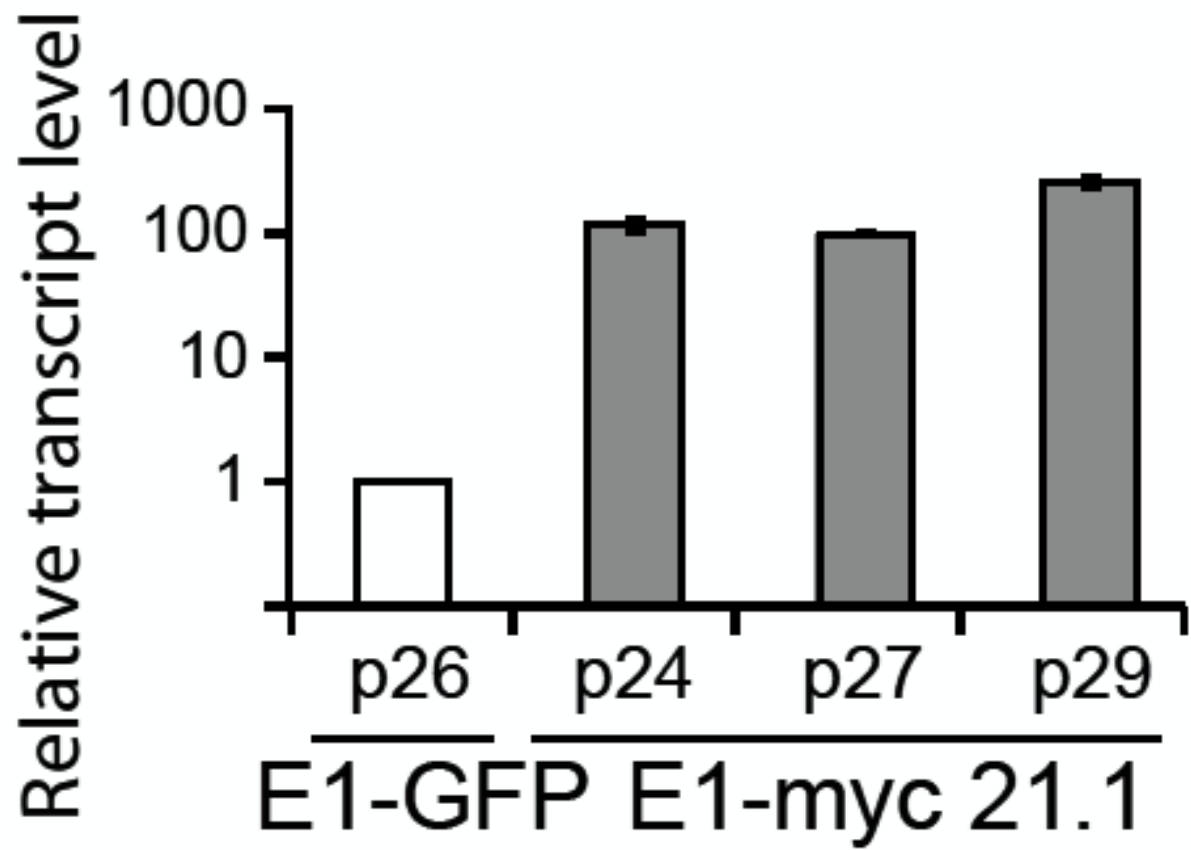
FIGURE 1C

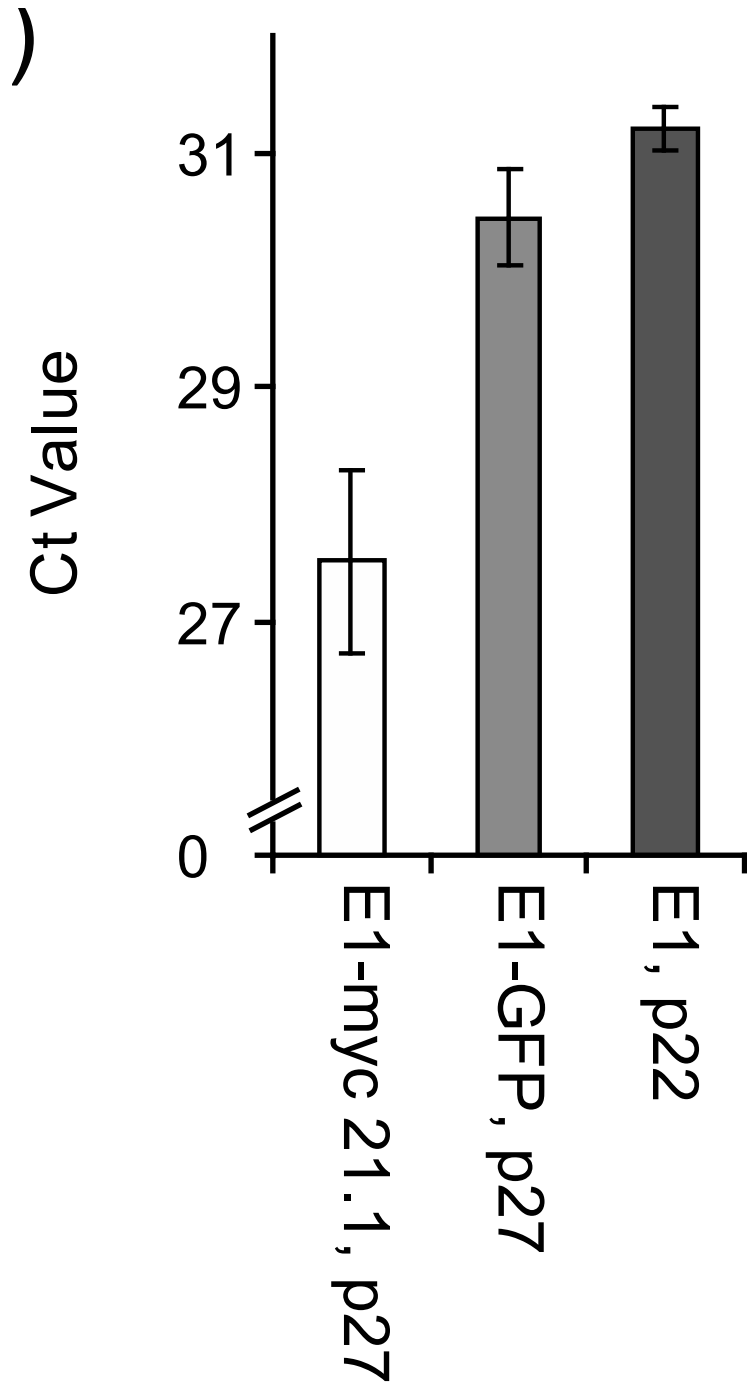
FIGURE 1D

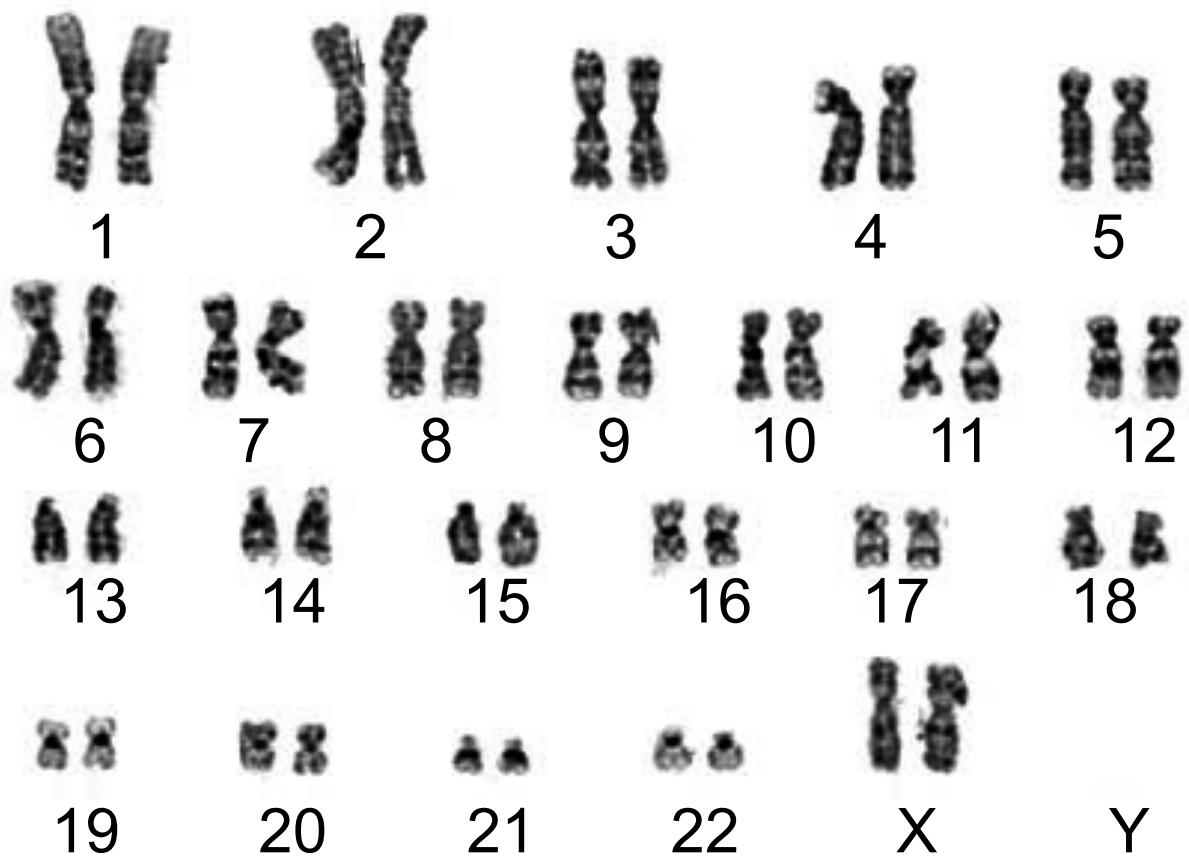
FIGURE 1E

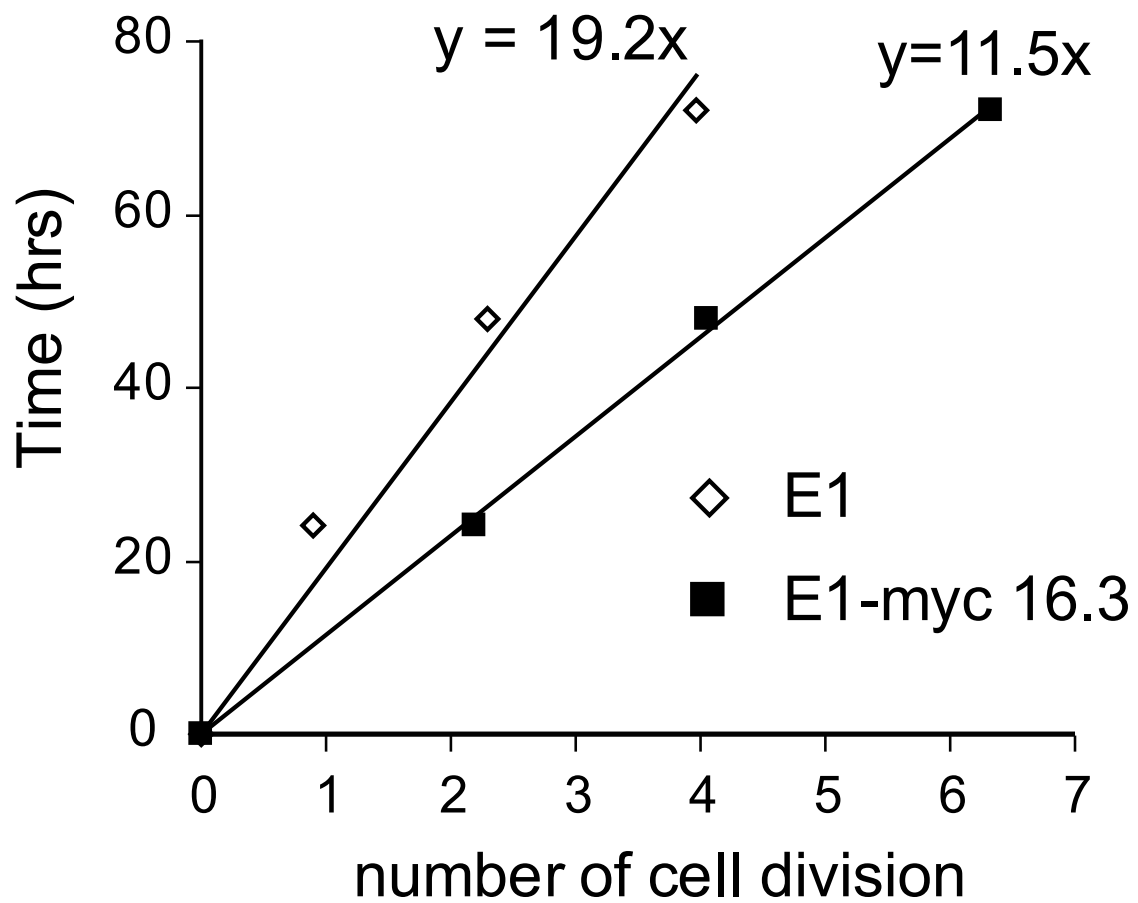
FIGURE 1F

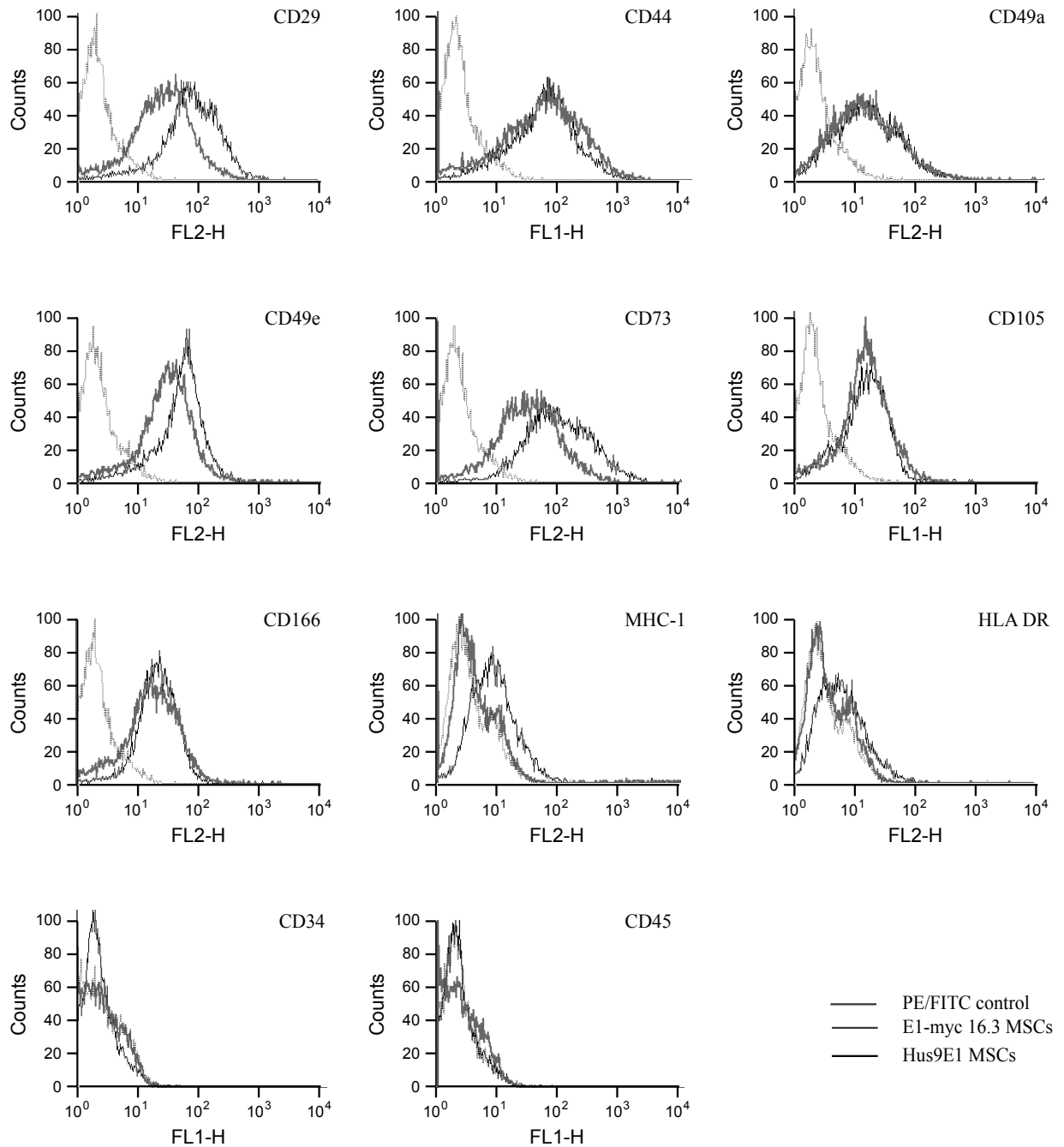
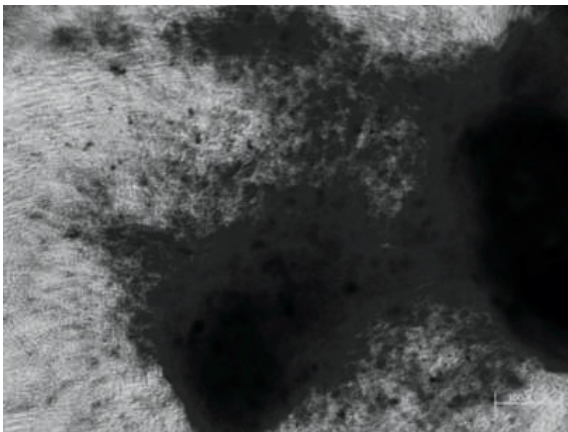
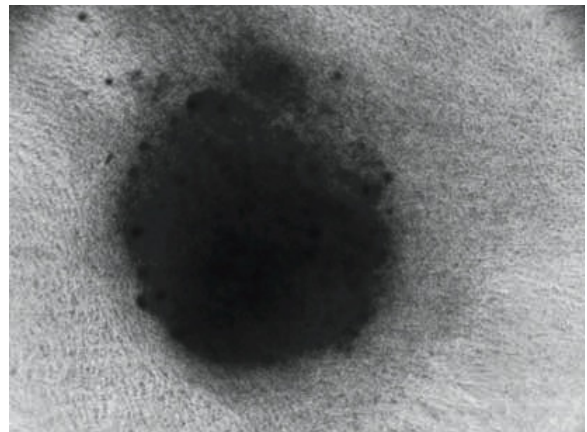
FIGURE 2

FIGURE 3A

Osteogenesis



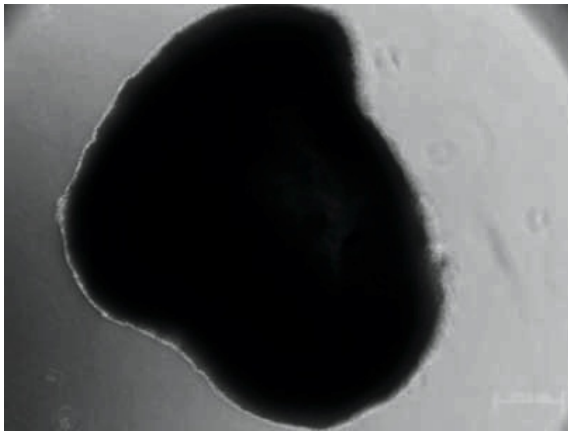
E1-myc 16.3



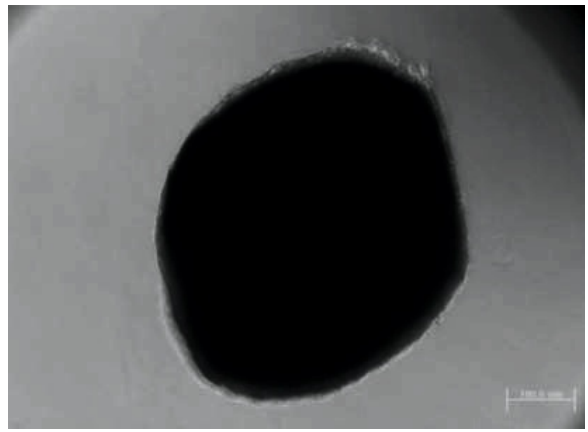
HuES9.E1

FIGURE 3B

Chondrogenesis



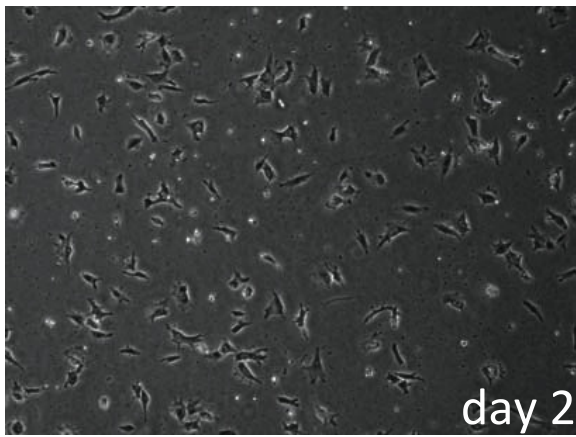
E1-myc 16.3



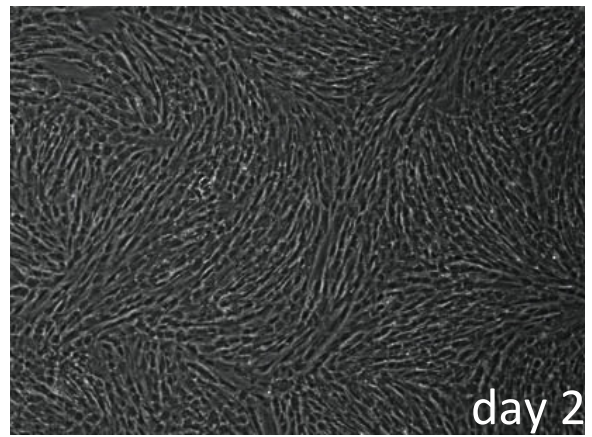
HuES9.E1

FIGURE 3C

Adipogenesis



E1-myc 16.3



HuES9.E1

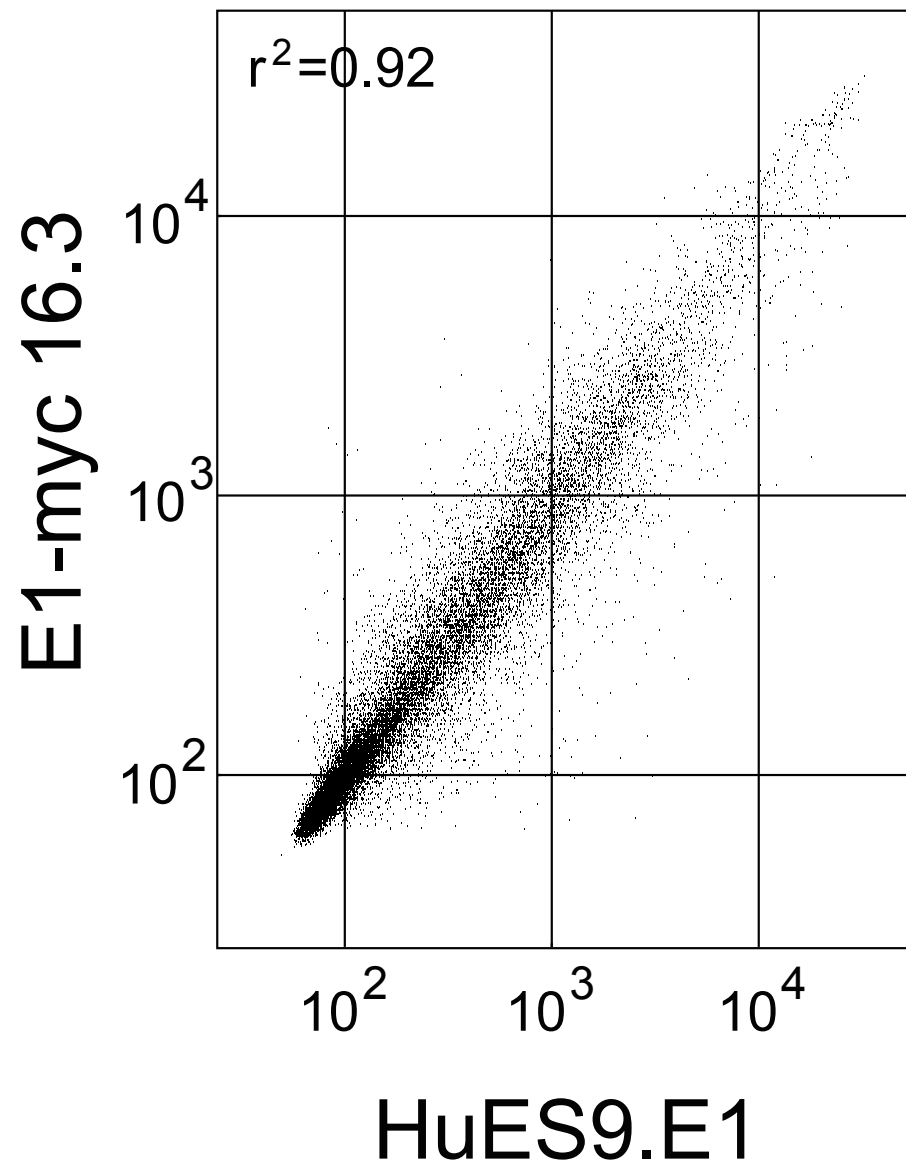
FIGURE 4A

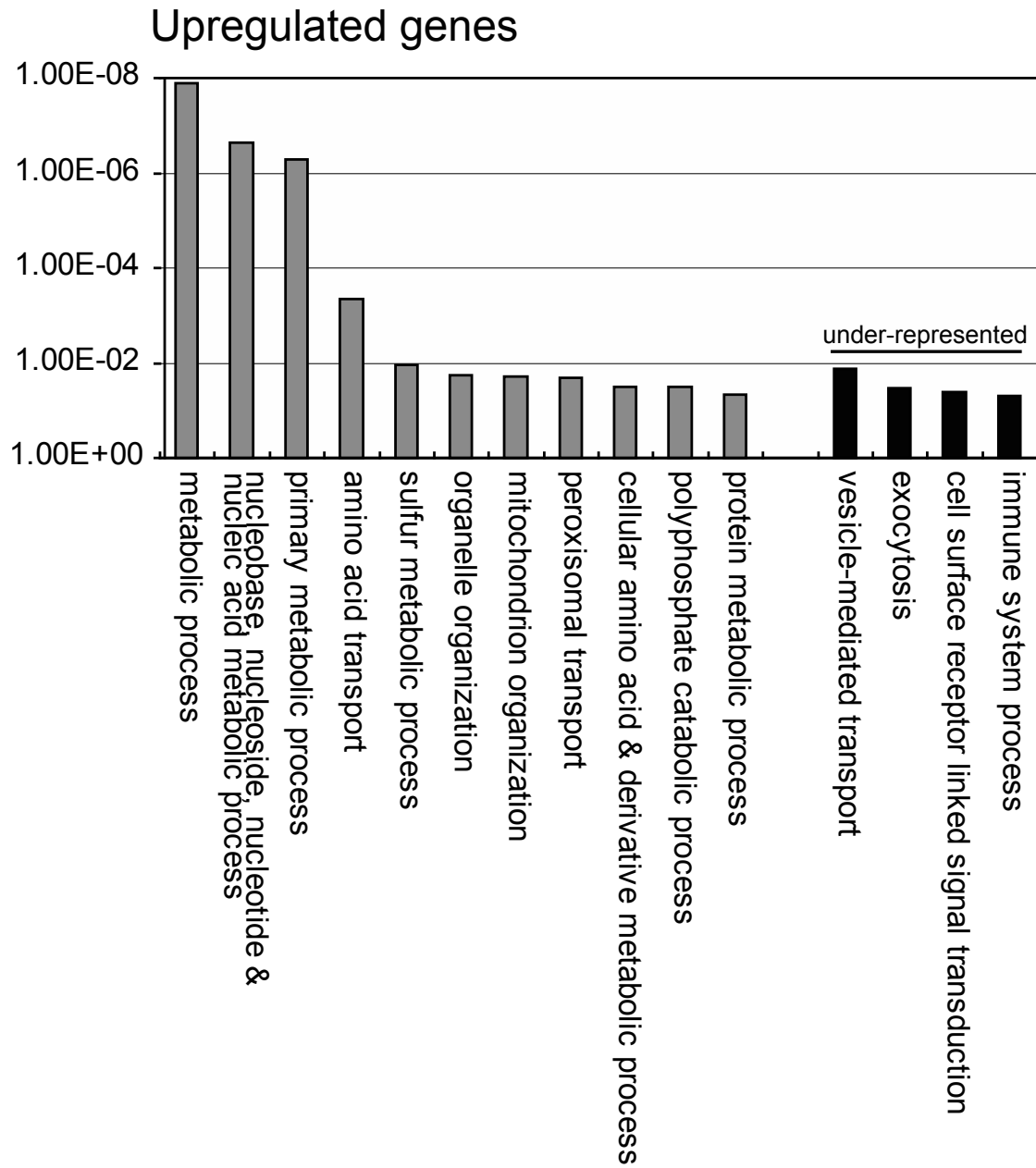
FIGURE 4B

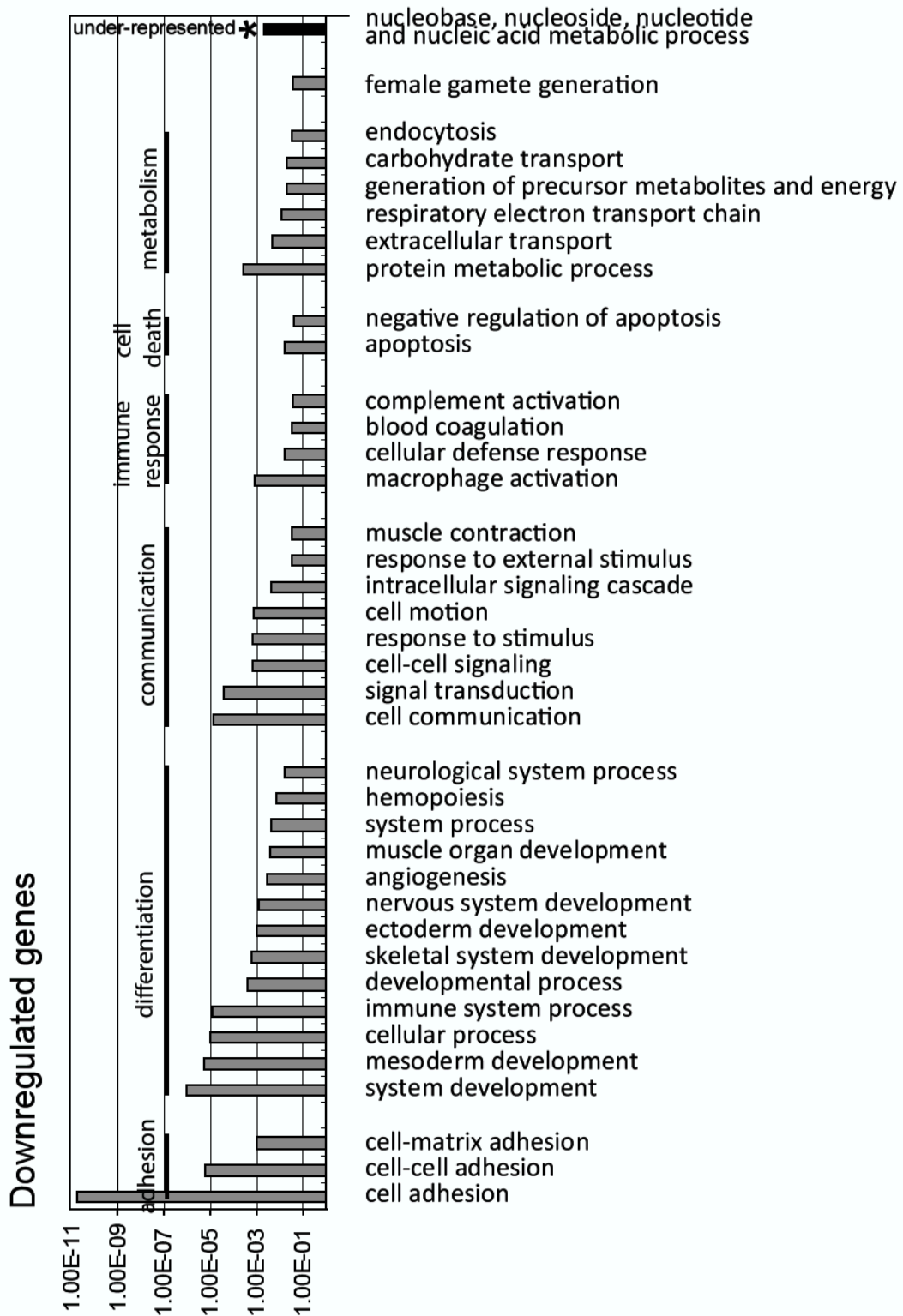
FIGURE 4C

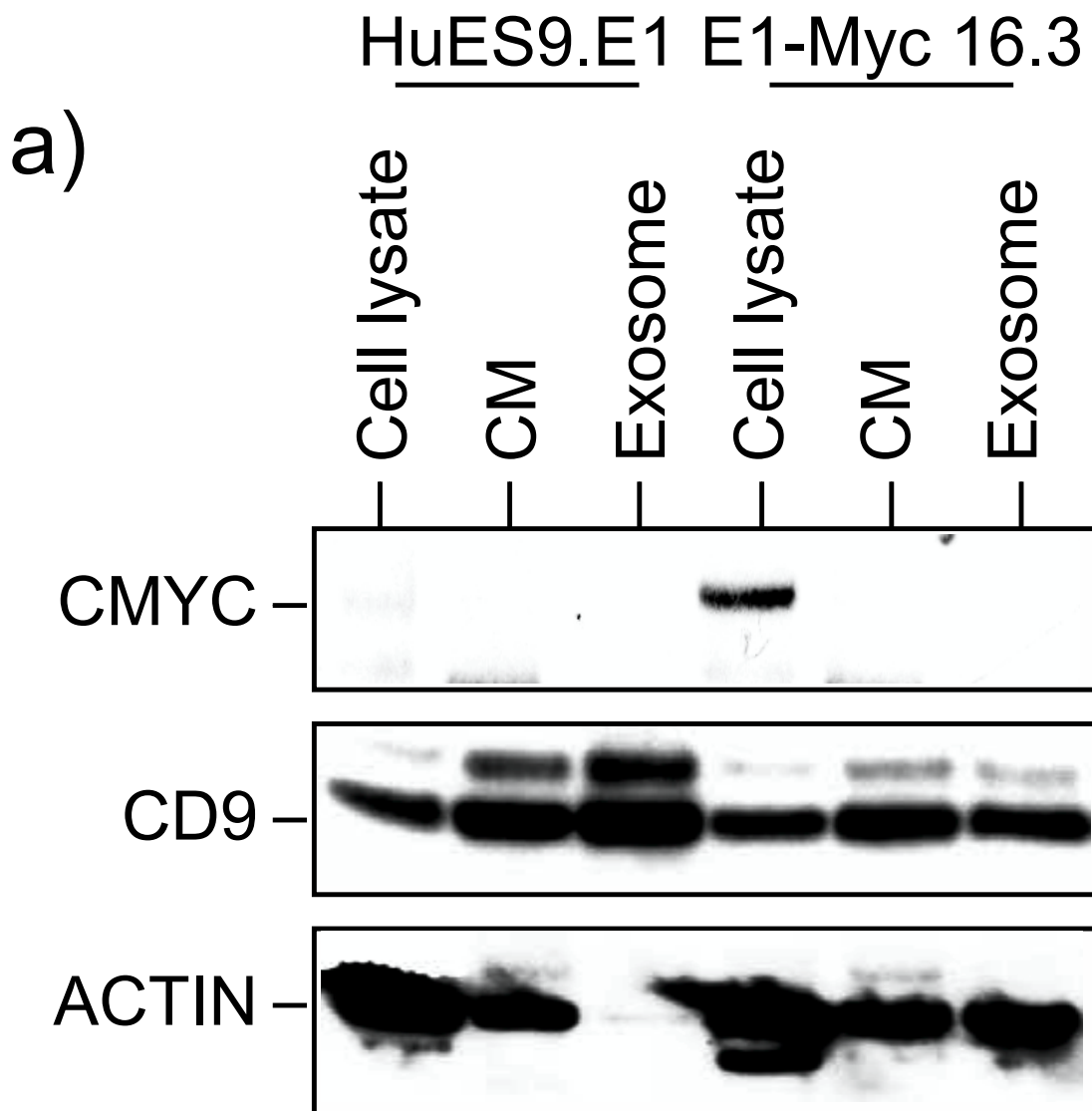
FIGURE 5A

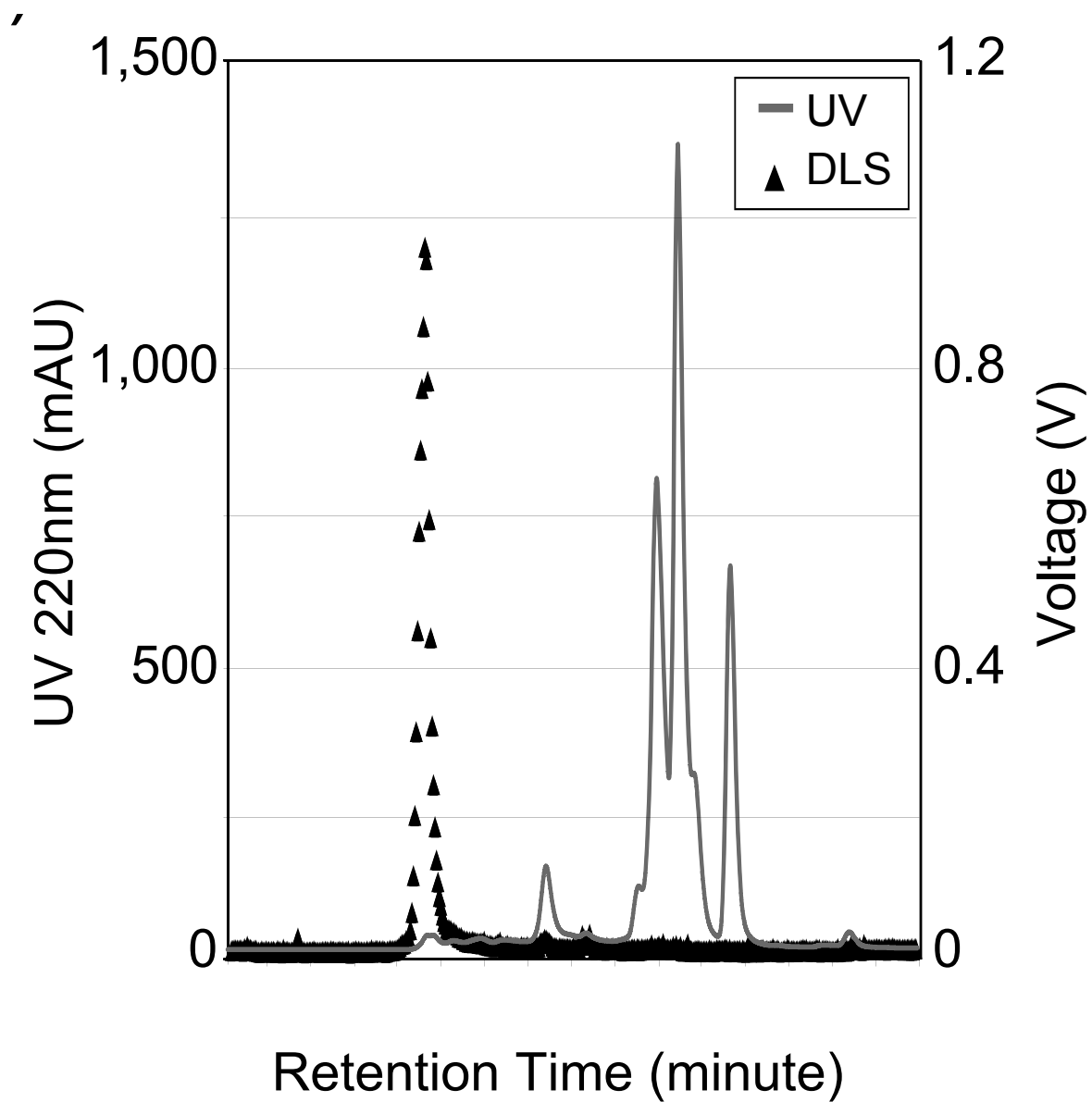
FIGURE 5B

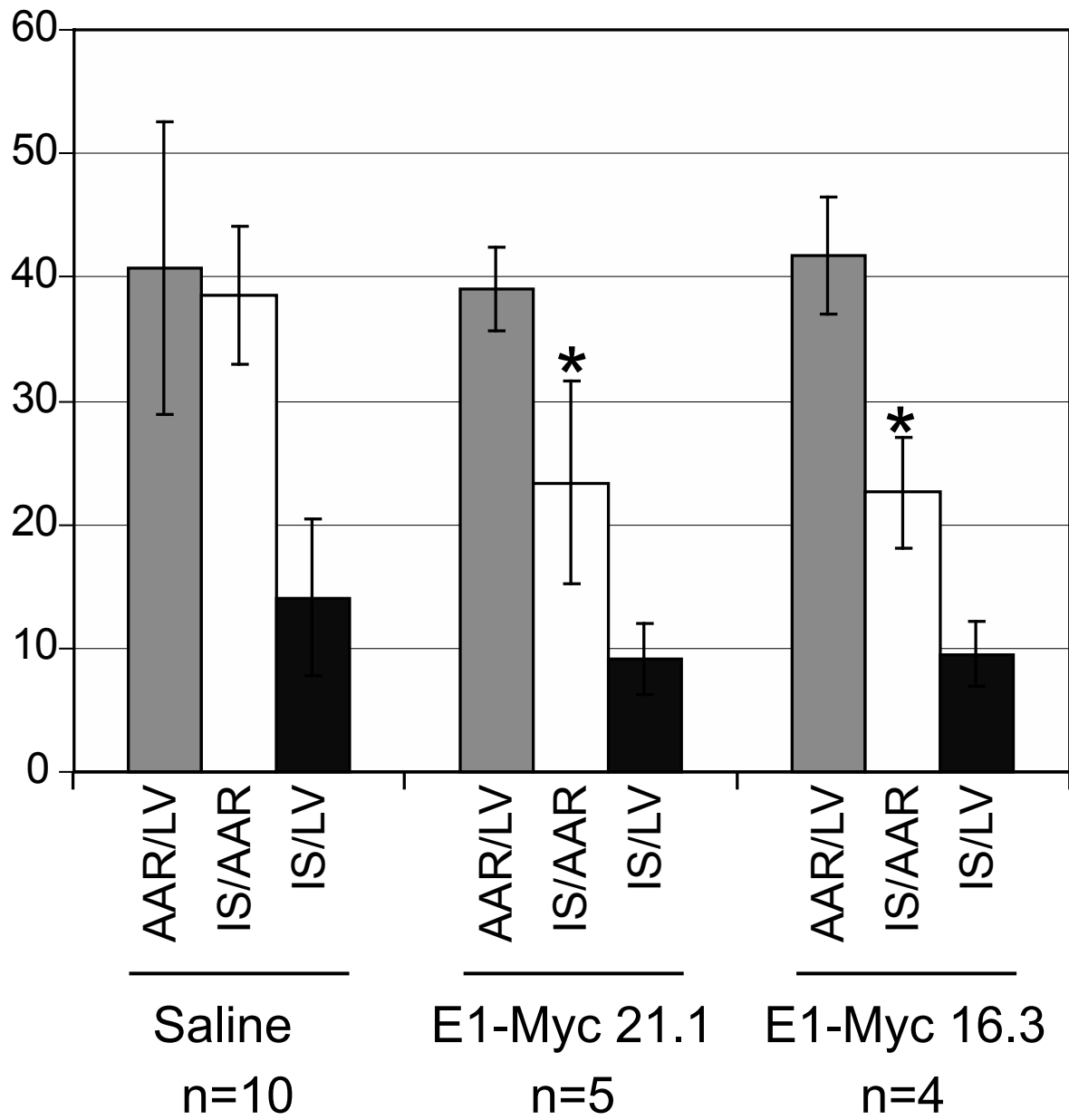
FIGURE 5C

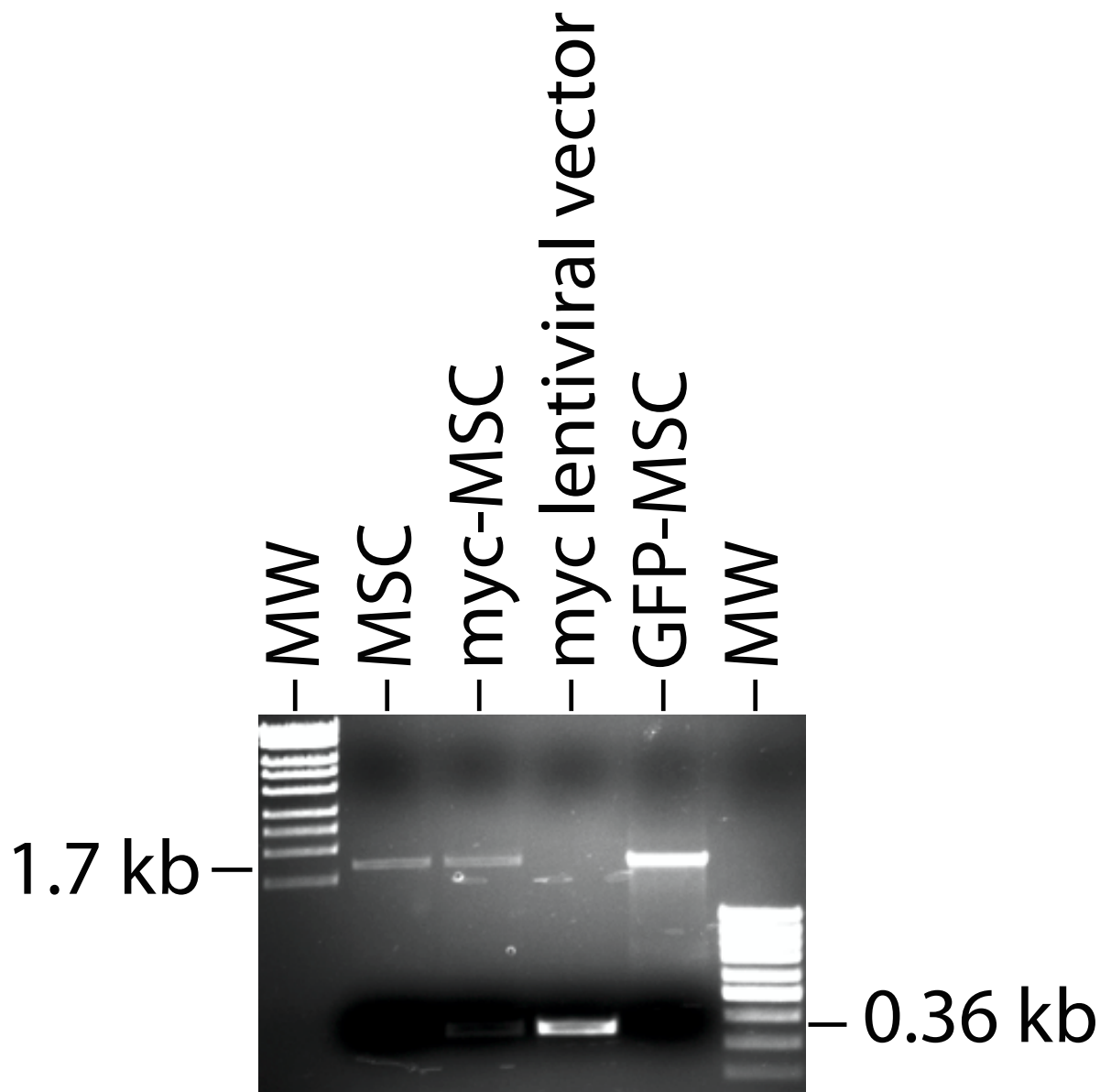
FIGURE 6

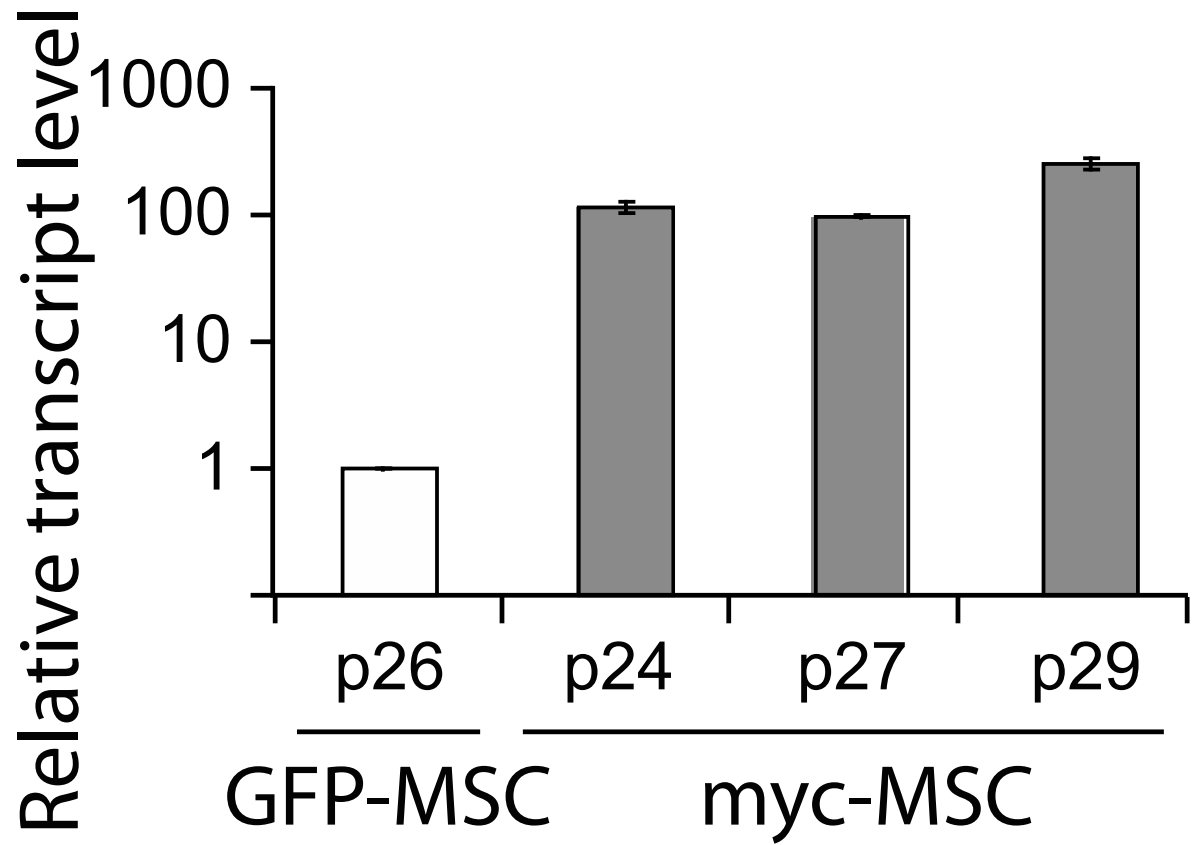
FIGURE 7

FIGURE 8

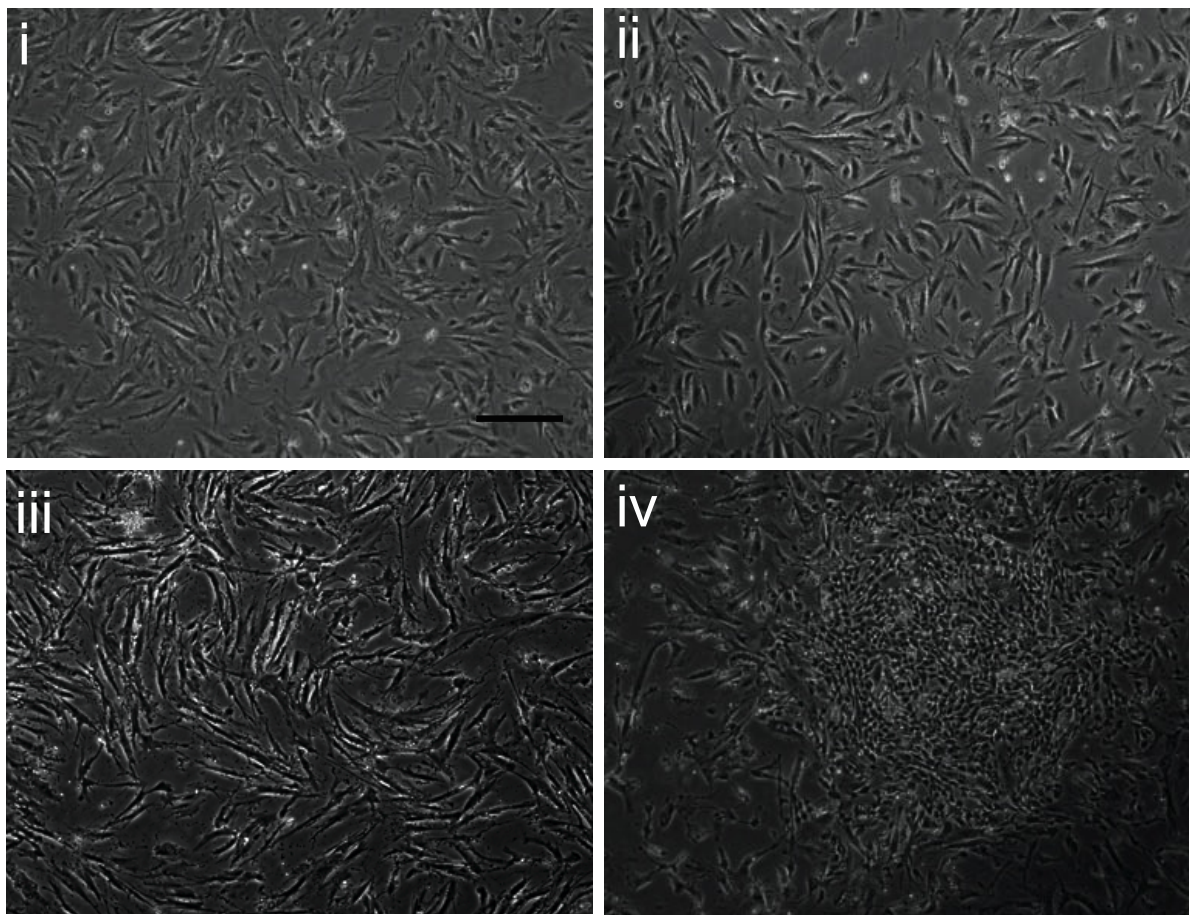


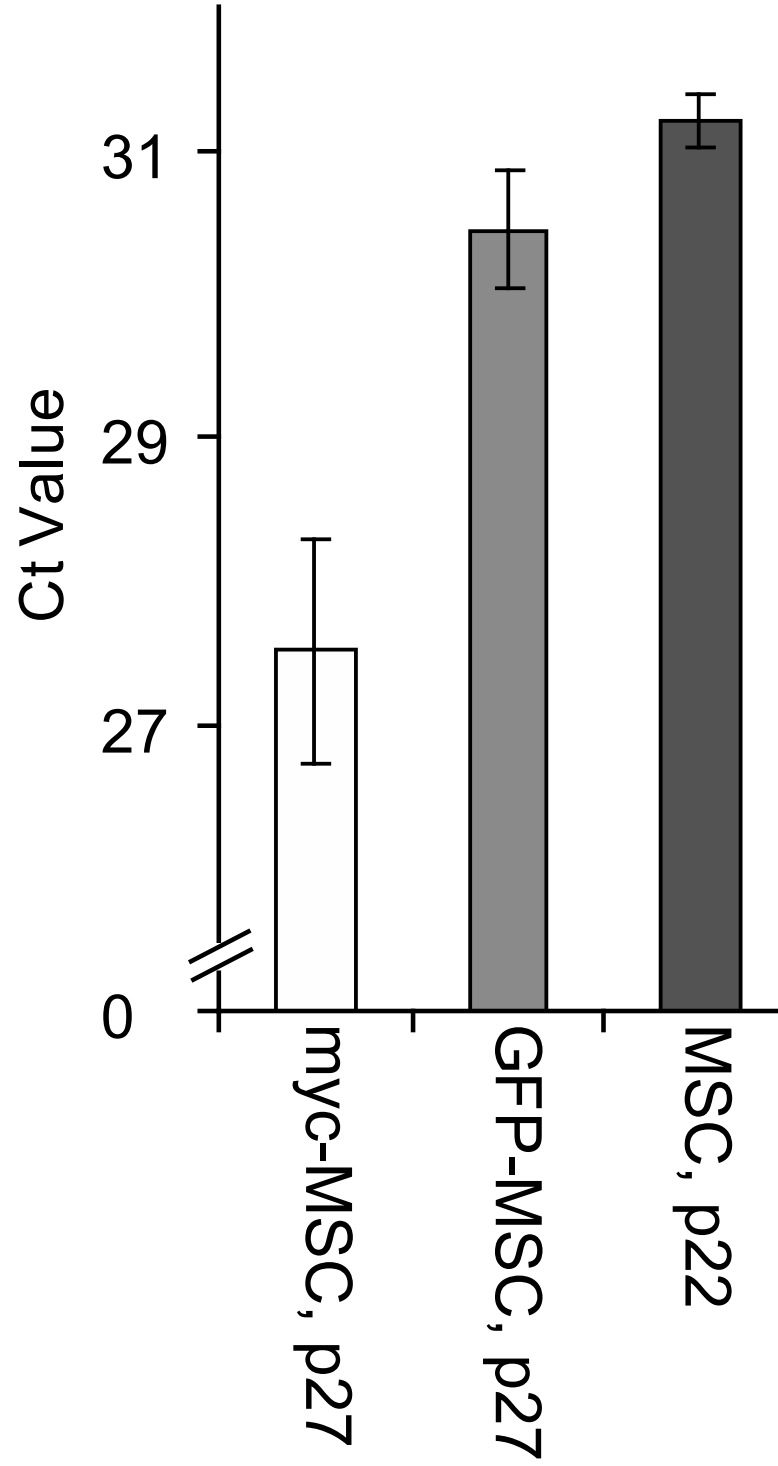
FIGURE 9

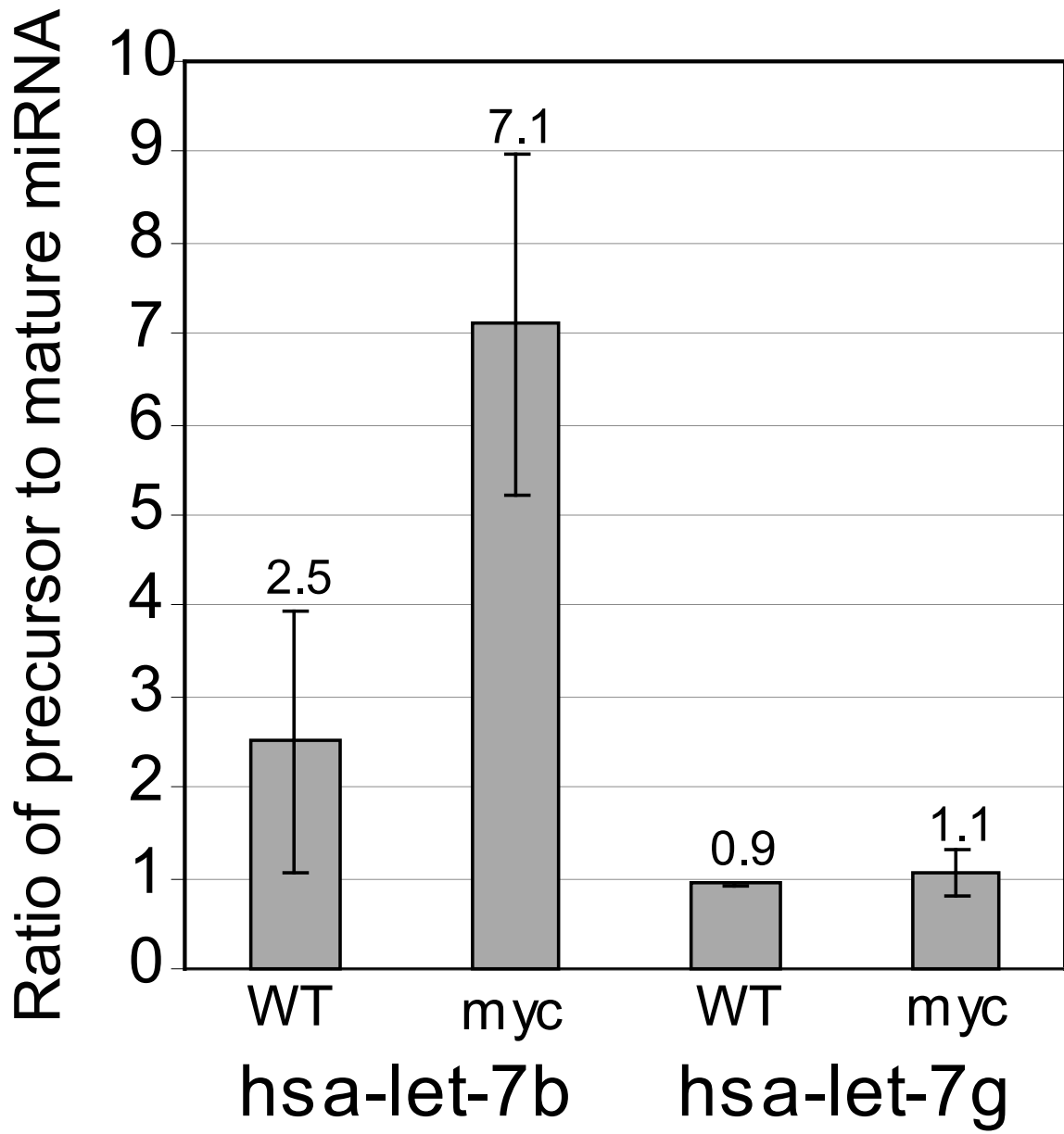
FIGURE 10

FIGURE 11

Primary microRNA RT PCR

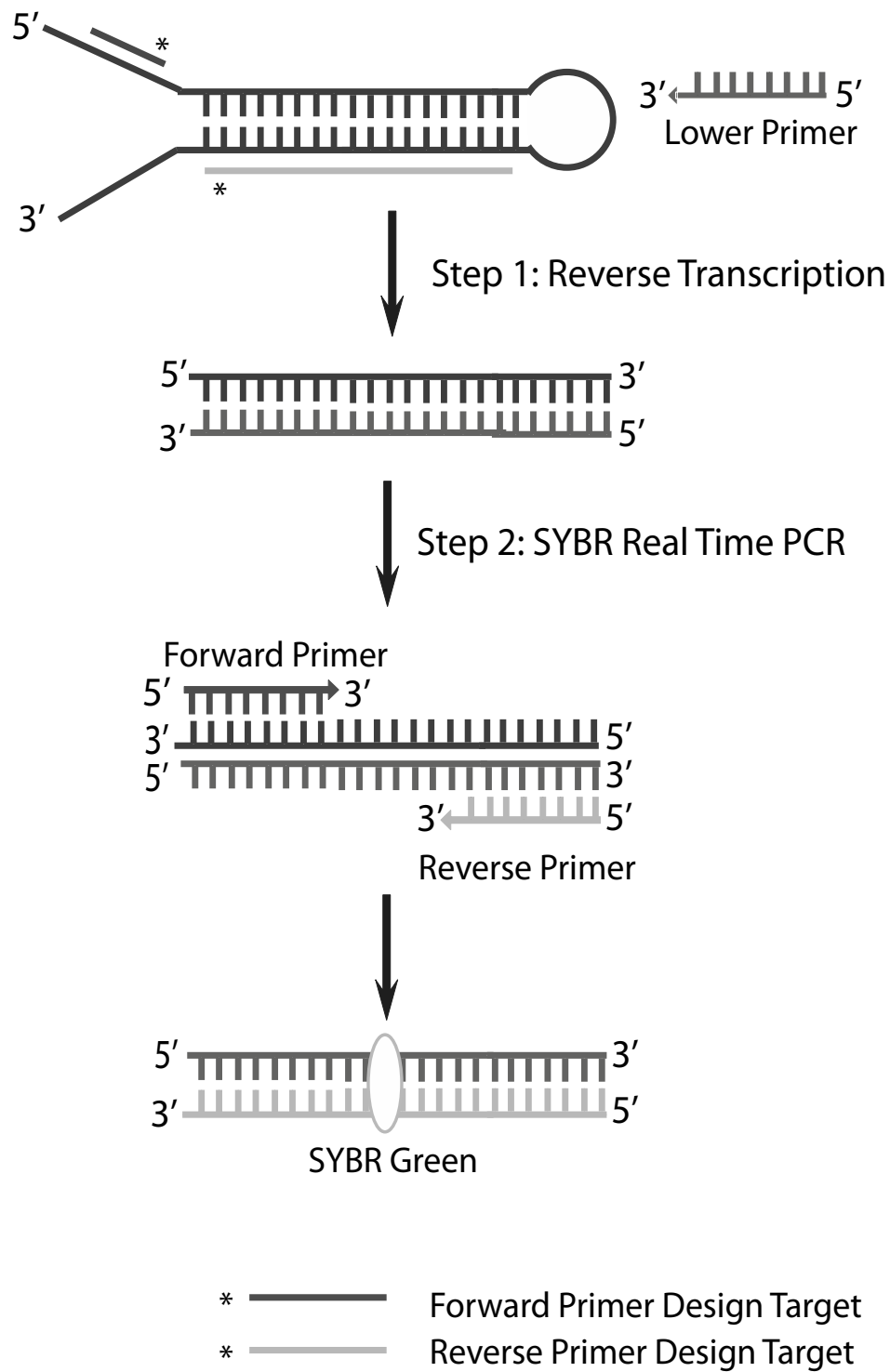


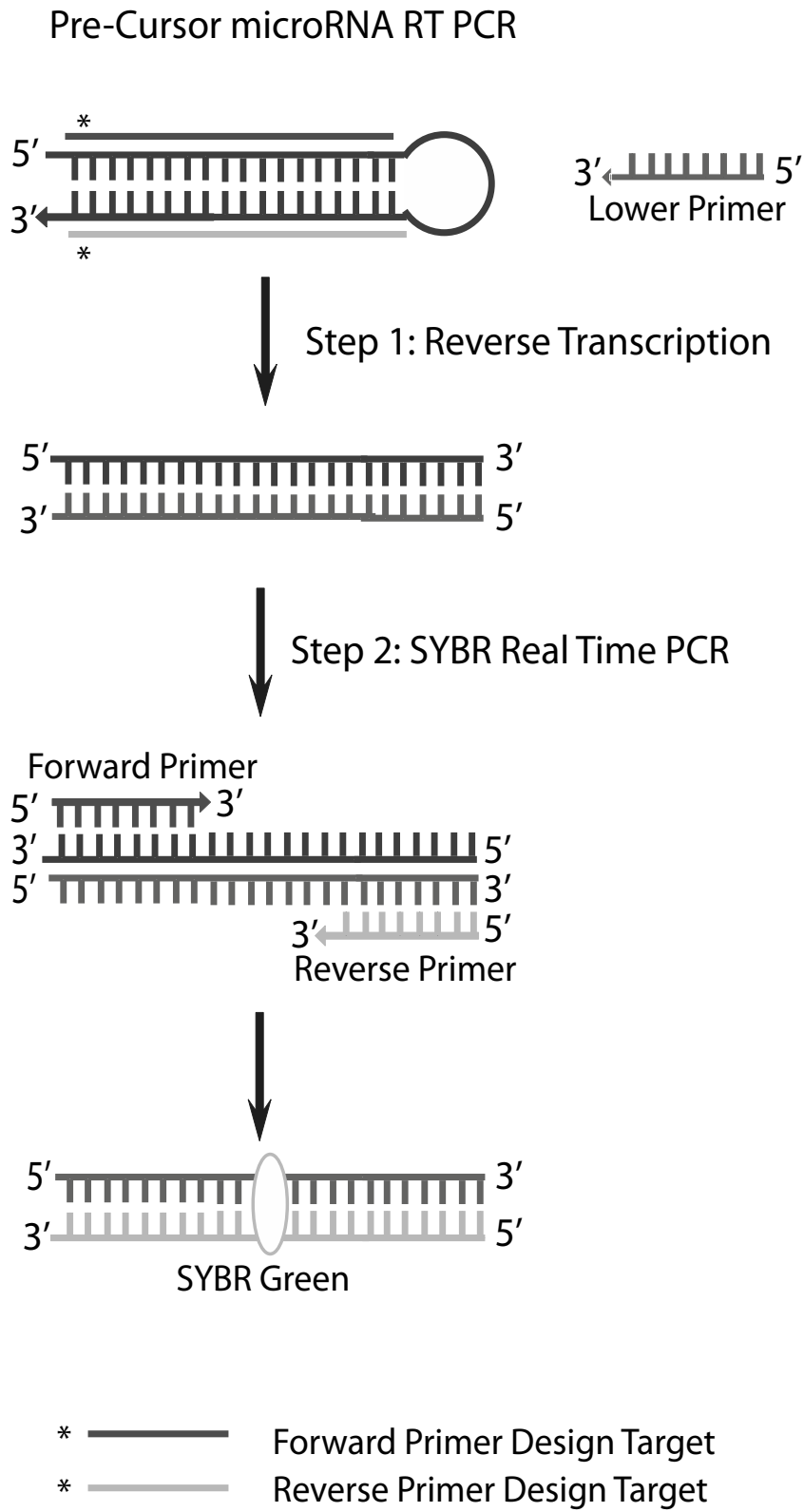
FIGURE 12

FIGURE 13

Mature microRNA RT PCR

