

Video Article

Erratum: Initiation of Metastatic Breast Carcinoma by Targeting of the Ductal Epithelium with Adenovirus-Cre: A Novel Transgenic Mouse Model of Breast Cancer

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Abstract

A correction was made to [Initiation of Metastatic Breast Carcinoma by Targeting of the Ductal Epithelium with Adenovirus-Cre: A Novel Transgenic Mouse Model of Breast Cancer](#). Protocol sections 3.1, 3.3.2, 3.4, and 4.7 were updated. The materials table was also updated.

Protocol section 3.1 was updated from:

3.1) Store adenovirus concentrated virus stocks at -80°C frozen in aliquots of 4×10^8 pfu each, sufficient for injecting 16 animals with 3 ml of 2.5×10^7 pfu of adenovirus particles.

to:

3.1) Store adenovirus concentrated virus stocks at -80°C frozen in aliquots of 4×10^8 pfu each, sufficient for injecting 16 animals with 3 μl of 2.5×10^7 pfu of adenovirus particles.

Protocol section 3.3.2 was updated from:

Mix aliquots containing 4×10^8 pfu adenovirus-Cre with sufficient 3% sucrose in sterile water for a final volume of 10 ml. Add 34 ml of MEM to the virus and gently mix. Then add 4 ml of the CaCl_2 solution, gently mix, and incubate at room temperature for 15-20 min.

to:

Mix aliquots containing 4×10^8 pfu adenovirus-Cre with sufficient 3% sucrose in sterile water for a final volume of 10 μl . Add 34 μl of MEM to the virus and gently mix. Then add 4 μl of the CaCl_2 solution, gently mix, and incubate at room temperature for 15-20 min.

Protocol section 3.4 was updated from:

Prior to each injection, gently flick the tube to make sure virus particles are mixed. Draw up 3 ml (2.5×10^7 pfu) of virus particles into the 10 ml syringe and prepare the mouse for the intraductal injection.

to:

Prior to each injection, gently flick the tube to make sure virus particles are mixed. Draw up 3 μl (2.5×10^7 pfu) of virus particles into the 10 μl syringe and prepare the mouse for the intraductal injection.

Protocol section 4.7 was updated from:

When the needle is appropriately placed into the mammary duct, release the 3 ml of virus precipitates (2.5×10^7 pfu of adenovirus-Cre) by gently plunging the syringe with the thumb of the hand holding the syringe. The nipple should slightly inflate as the liquid is added.

to:

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Item 15 in the Materials table under Comments was updated from:

10ml syringe, RN series Autoclave before and after each use. Clean with PBS and 75% ethanol.

to:

10 μl syringe, RN series Autoclave before and after each use. Clean with PBS and 75% ethanol.

Protocol

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Disclosures

No conflicts of interest declared.