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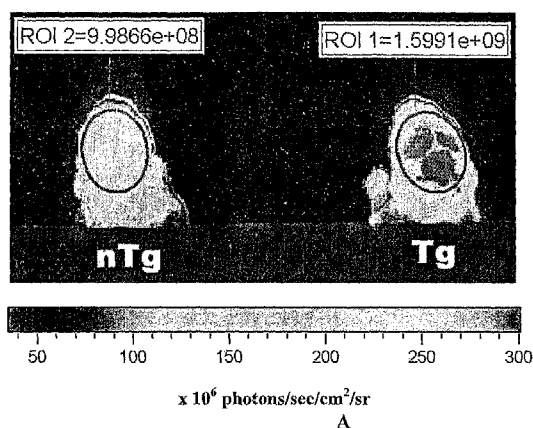
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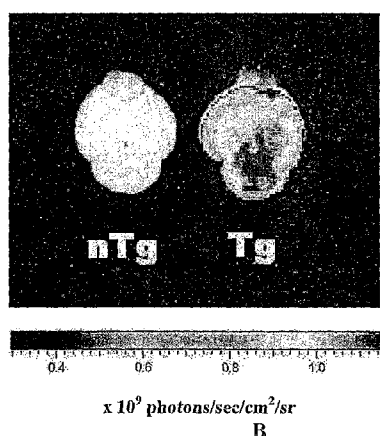
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(54) Title: IN VIVO FLUORESCENCE IMAGING



(57) Abstract: A method is disclosed involving detecting the ex-
pression of a fluorescent protein of interest in an animal, wherein
the animal is a transgenic animal having in its genome nucleic acid
encoding said fluorescent protein operably linked to promoter nu-
cleic acid from a protein that is normally expressed in the nervous
system of the animal, the method comprising the step of non-inva-
sively detecting fluorescence from said protein when expressed in
said animal.





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