



Figure 7. Nuclear Cloning of Mature Olfactory Neurons

Mice cloned from mature olfactory neurons had the normal repertoire of olfactory receptor (OR) expression with only 0.1% of neurons expressing the P2 receptor, as in the donor mice. P2 receptor expression was determined by using donor mice that had a GFP marker gene inserted in the P2 receptor gene. Results demonstrated that the choice of receptor expression is not determined by genetic alteration, but by a reversible epigenetic mechanism.