The mouse *Cat4* locus maps to Chromosome 8 and mutants express lens-corneal adhesion

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In the article “The mouse *Cat4* locus maps to Chromosome 8 and mutants express lens-corneal adhesion”, Mamm Genome 8, 403–406 (1997) by Favor J, Grimes P, Neuhäuser-Klaus A, Pretsch W, Stambolian D, we reported linkage of an eye abnormality locus defined by the *Cat4*^a mutation to Chr 8, cM 31. An attempt to more precisely map the locus showed no linkage to Chr 8. We have conducted an independent genome-wide mapping analysis of the *Cat4*^a mutation, established linkage to Chr 2, and identified *Cat4*^a to be a missense mutation in *Pax6* (Favor et al., submitted). We have sequenced DNA from *Cat4*^a tissues archived before the initiation of the mapping studies

reported in Favor et al. (1997) as well as from three independent *Cat4*^a mutant lines established prior to the initiation of the mapping studies reported in Favor et al. (1997) and maintained to date, and confirmed the *Pax6* missense mutation in all mutation carriers. Thus, *Cat4*^a is a member of the *Pax6* allelic series.

Reference

Favor J, Gloeckner CJ, Neuhäuser-Klaus A, Pretsch W, Sandulache R, Saule S, Zaus I. Relationship of *Pax6* activity levels to the extent of eye development in the mouse, *Mus musculus*. Genetics (submitted)

P. Grimes—deceased.

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