

Articles

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- Genomic regulatory blocks encompass multiple neighboring genes and maintain conserved synteny in vertebrates 545

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PolyScan: An automatic indel and SNP detection approach
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Ken Chen, Michael D. McLellan, Li Ding, Michael C. Wendl,
Yumi Kasai, Richard K. Wilson, and Elaine R. Mardis

^{OA}Open Access paper.



Cover An H & E stain illustrating the undulating pattern of crypts and villi from the proximal small intestine of a C57BL/6J *Apc^{Min/+}* mouse compared to the sequence of a portion of exon 3 from the *Atp5a1* gene isolated from a *Mom2^{R/+}* mouse. The chromatograph displays the 4 base pair duplication found in exon 3 of the *Atp5a1* gene, the candidate gene for the modifier of Min 2 (*Mom2*) locus. The *Mom2^R* mutation suppresses intestinal polyposis by ~90% in *Apc^{Min/+}* mice. (Cover illustration by Amy A. Baran and Arthur M. Buchberg. [For details, see Baran et al., pp. 566–576.]