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(54) Title: ON-BIPOLAR CELL-SPECIFIC PROMOTERS FOR OCULAR GENE DELIVERY

(57) Abstract: The present invention relates to synthetic retinal ON-bipolar cell-specific promoter sequences and their use in therapeutic transgene delivery to the eye for the improvement and/or restoration of vision. The invention features metabotropic glutamate receptor 6 (mGluR6) promoters for an increased and more specific expression in ON-bipolar cells, in particular in cone ON-bipolar cells of the human macula.

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