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(54) **Title:** ADENO-ASSOCIATED VIRUS VECTORS FOR NUCLEIC ACID DELIVERY TO RETINAL CELLS

(57) **Abstract:** This document relates to AAV vectors (e.g., AAV2 vectors). For example, AAV vectors (e.g., AAV2 vectors) containing an AAV capsid polypeptide that includes an amino acid sequence set forth in Table 1 (or a variant thereof) or Formula A, such AAV capsid polypeptides, nucleic acid molecules encoding such vectors, nucleic acid molecules encoding such AAV capsid polypeptides, host cells containing and/or expressing such nucleic acid molecules, and methods and materials for making or using such vectors and/or AAV capsid polypeptides are provided.

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