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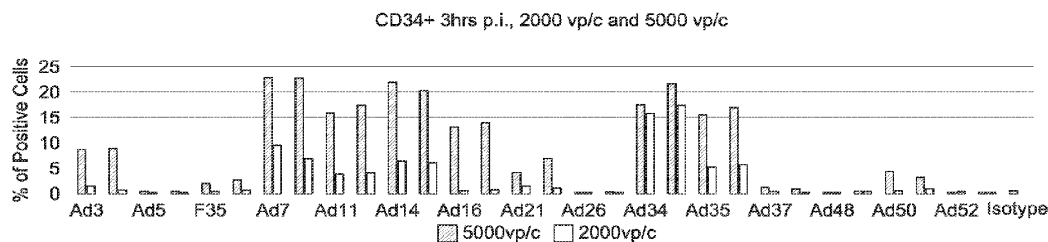


Fig. 1

(57) Abstract: The present disclosure includes adenoviral vectors characterized by efficient transduction of HSCs, e.g., for *in vivo* gene therapy. The present disclosure includes, among other things, Ad3, Ad7, Ad11, Ad14, Adpatentdocket@choate.com16, Ad21, Ad34, Ad37, and Ad50 vectors and genomes. Ad3, Ad7, Ad11, Ad14, Ad16, Ad21, Ad34, Ad37, and Ad50 vectors and genomes of the present disclosure can include therapeutic payloads.