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Supplemental information

Thorough molecular configuration analysis of noncanonical AAV genomes in AAV vector preparations

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Supplemental Material

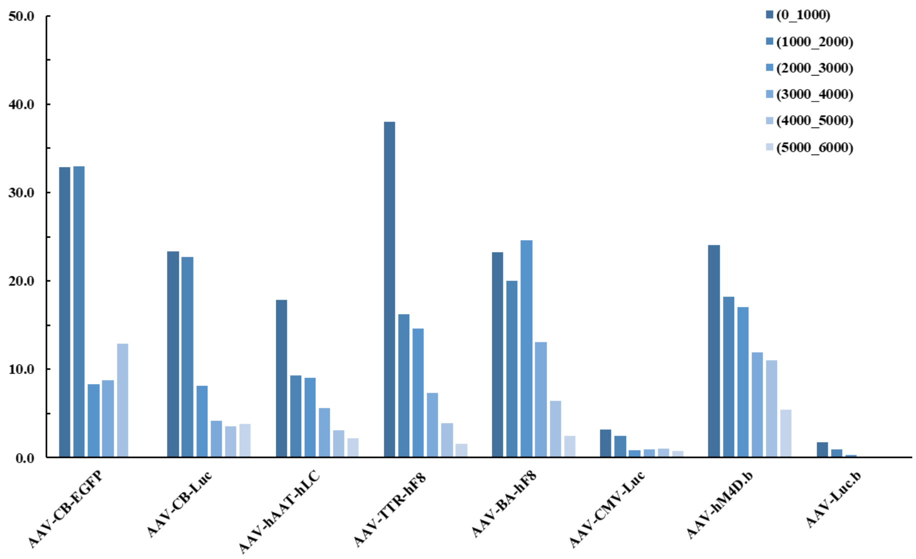

Figure S1. SBG configuration ratio of varying size range in the rAAV populations. The Minimap2 aligned reads are subsampled by size subset filtering setting in the range between 0 and 6kb.

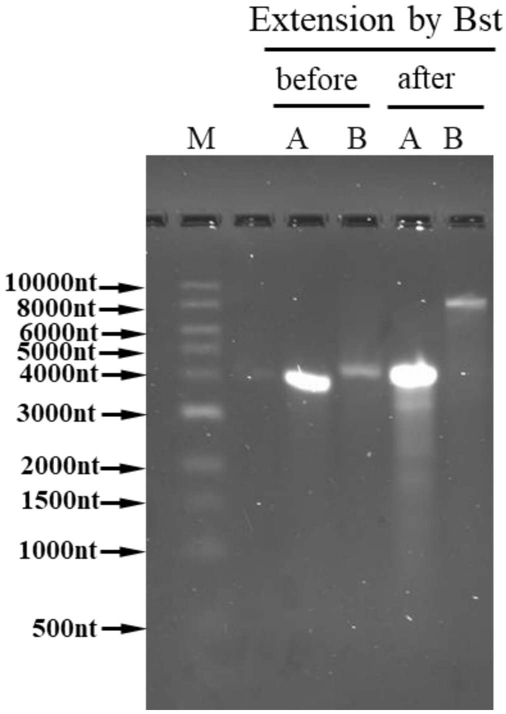

Figure S2 Assessment of AAV genome extension products by Alkaline gel electrophoresis.

The vector DNA was extracted and extended using Bst2.0 polymerase at 50°C for 1 hour. The resulting extension products were subjected to alkaline gel electrophoresis to evaluate extension efficiency. (A) For scAAV-CMV-GFP, the vector genome size remained unchanged before and after extension. (B) In the case of ssAAV-CMV-GFP, the vector genome size doubled before and after extension. M: Marker.