WHAT IS CLAIMED IS:

1. A method of increasing adeno-associated virus 9 ABCD1 (AAV9-ABCD1) vector titers in transfected producer cells grown in culture, said method comprising the steps of:

i) incubating a nucleic acid sequence that is complementary to an mRNA encoding ATP binding cassette subfamily D member 1 (ABCD1) with the cells, and

ii) transfecting an AAV9 vector comprising a nucleotide sequence encoding ABCD1 into the cells (AAV9-ABCD1 vector), wherein the amount of ABCD1 mRNA expressed from the AAV9 vector is decreased, thereby increasing AAV9-ABCD1 vector yield in cell lysate and/or media by 1 fold to 50 fold compared to a reference standard.

2. The method of claim 1, wherein the nucleic acid sequence that is complementary to an mRNA encoding ABCD1 is an interfering RNA.

3. The method of claim 2, wherein the interfering RNA is an shRNA or siRNA.

4. The method of claim 3, wherein the siRNA comprises SEQ ID NO. 4, SEQ ID NO. 5, SEQ ID NO. 6, SEQ ID NO. 7, or a combination thereof.

5. The method of claim 1, wherein the reference standard comprises AAV9-ABCD1 vector yield in cell lysate and/or media from producer cells that were not incubated with a nucleic acid sequence that is complementary to an mRNA encoding ABCD1.