CPG REDUCED FACTOR VIII VARIANTS, COMPOSITIONS AND METHODS AND USES FOR TREATMENT OF HEMOSTASIS DISORDERS

ABSTRACT

CpG reduced nucleic acid variants encoding FVIII protein and methods of use thereof are disclosed. In particular embodiments, CpG reduced nucleic acid variants encoding FVIII are expressed more efficiently by cells, are secreted at increased levels by cells over wild-type Factor VIII proteins, exhibit enhanced expression and/or activity over wild-type Factor VIII proteins or are packaged more efficiently into viral vectors.

(Fig. 8)