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(71) **Applicant**: **SHIRE HUMAN GENETIC THERAPIES, INC.** [US/US]; 300 Shire Way, Lexington, Massachusetts 02421 (US).

(72) **Inventors**: **BOLGOG, Ferenc**; 300 Shire Way, Lexington, Massachusetts 02421 (US). **HEARTLEIN, Mike**; 167 Reed Farm Road, Boxborough, Massachusetts 01719 (US).

(74) **Agent**: **HUDDLESON, Justin P.**; Choate, hall & Stewart LLP, Two International Place, Boston, Massachusetts 02110 (US).

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(54) **Title**: CELLS FOR PRODUCING RECOMBINANT IDURONATE-2-SULFATASE

(57) **Abstract**: The present invention provides, among other things, methods and compositions for production of recombinant I2S protein with improved potency and activity using cells co- express I2S and FGE protein. In some embodiments, cells according to the present invention are engineered to simultaneously over-express recombinant I2S and FGE proteins. Cells according to the invention are adaptable to various cell culture conditions. In some embodiments, cells of the present invention adaptable to a large-scale suspension serum- free culture.

FIG. 2A

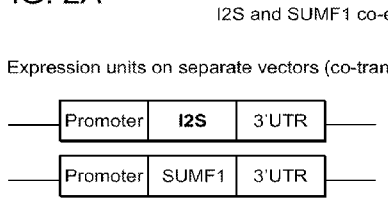
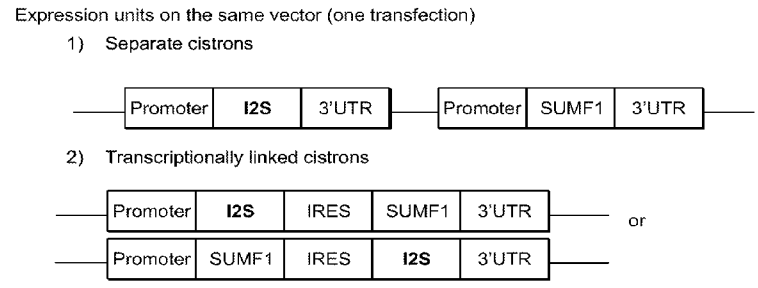


FIG. 2B



WO 2014/005019 A3

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