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(54) Title: SLC26A4 REGULATORY ELEMENTS AND USES THEREOF

(57) Abstract: The disclosure provides SLC26A4 enhancers and SLC26A4 promoters, as well as vectors containing the same, that can increase gene expression in SLC26A4-expressing cells, such as interdental cells, root cells, spiral prominence cells, and vestibular supporting cells. The SLC26A4 enhancers and SLC26A4 promoters described herein may be operably linked to a polynucleotide, such as a transgene, encoding an expression product and used for the treatment of subjects having or at risk of developing hearing loss or vestibular dysfunction.

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