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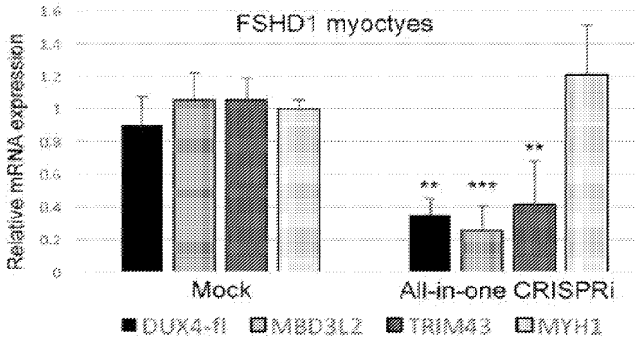


FIG. 21A

(57) Abstract: The disclosure relates to methods and compositions for inhibiting the expression of the DUX4 gene in skeletal muscle cells. In some aspects, the invention includes a CRISPR interference platform that directs an epigenetic regulator to the DUX4 locus. In some aspects, methods described by the disclosure are useful in modulating DUX4 expression for the treatment of facioscapulohumeral muscular dystrophy (FSHD).

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