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(54) Title: NOVEL PROTEINS AND NUCLEIC ACID SEQUENCES AND USE THEREOF IN THE PROPHYLAXIS AND/OR TREATMENT OF CONGENITAL MUSCULAR DYSTROPHIES

(57) Abstract: The present invention relates to a modified recombinant agrin protein or a fragment thereof and a recombinant chimeric laminin-nidogen protein or a fragment thereof, to nucleic acid sequences encoding these proteins, to vectors comprising these nucleic acid sequences, to compositions comprising these proteins and to uses of these proteins in the prophylaxis and/or treatment of congenital muscular dystrophies, in particular (laminin- $\alpha$ 2) LAMA2-related muscular dystrophy.



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