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(54) Title: VACCINE FOR A THERAPEUTIC OR A PROPHYLACTIC TREATMENT OF MYASTHENIA GRAVIS

(57) Abstract: Complementary peptide having at least a sequence complementary to a major immunogenic region of an acetylcholine receptor involved in a myasthenia garvis, characterized in that the complementary peptide has at least a sequence SEQ. ID NO1 with a tryptophan in position 8, carrying at least one optionally substituted hydrocarbon group. Therapeutic composition comprising the complementary peptide according to the invention and use thereof for manufacturing a vaccine to be used in a therapeutic or prophylactic treatment of myasthenia gravis in mammals.



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