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(71) Applicant *(for all designated States except US)*: **MEDICAGO INC.** [CA/CA]; 1020, Route de l'Eglise, Suite 600, Québec, Québec G1V 3V9 (CA).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **D'AOUST, Marc-Andre** [CA/CA]; 3925 Louise-Fiset, Quebec, Quebec G1X 4N4 (CA). **COUTURE, Manon** [CA/CA]; 4765 rue de la Sarcelle, St. Augustin de Desmaures, Quebec G3A 2A5 (CA). **LAVOIE, Pierre-Olivier** [CA/CA]; 621 Franklin, Quebec, Quebec G1N 2I7 (CA). **VEZINA, Louis-Philippe** [CA/CA]; 206 route 138, Neuville, Quebec G0A 2R0 (CA).

(74) Agents: **SECHLEY, Konrad A.** et al.; Gowling Lafleur Henderson LLP, 550 Burrard Street, Suite 2300, Bentall 5, Vancouver, British Columbia, V6C 2B5 (CA).

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(54) Title: VIRUS LIKE PARTICLE PRODUCTION IN PLANTS

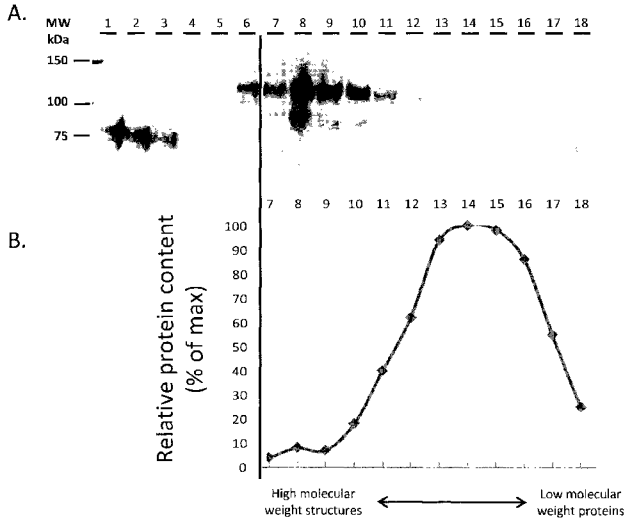


Figure 7.

(57) Abstract: A method of producing a virus like particle (VLP) in a plant, and compositions comprising VLPs, are provided. The method involves introducing a nucleic acid comprising a regulatory region active in the plant and operatively linked to a chimeric nucleotide sequence encoding, in series, an ectodomain from a virus trimeric surface protein or fragment thereof, fused to an influenza transmembrane domain and cytoplasmic tail, into the plant, or portion of the plant, the ectodomain is from a non- influenza virus trimeric surface protein and heterologous with respect to the influenza transmembrane domain, and the cytoplasmic tail. The plant or portion of the plant are incubated under conditions that permit the expression of the nucleic acid, thereby producing the VLP. A VLP produced by this method are also provided.

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