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

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **COUTURE, Manon** [CA/CA]; 4765, rue de la Sarcelle, Saint-Augustin-de-Desmaures, Québec G3A 2A5 (CA). **VÉZINA, Louis-Philippe** [CA/CA]; 206, route 138, Neuville, Québec G0A 2R0 (CA). **LANDRY, Nathalie** [CA/CA]; 1877, Allée Cavalière, Saint-Romuald, Québec G6W 0C1 (CA).

(74) Agent: **OGILVY RENAULT, LLP / S.E.N.C.R.L., S.R.L.**; 2nd Floor, 500 Grande Allée Est, Québec, Québec G1R 2J7 (CA).

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(54) Title: NEW INFLUENZA VIRUS IMMUNIZING EPITOPE

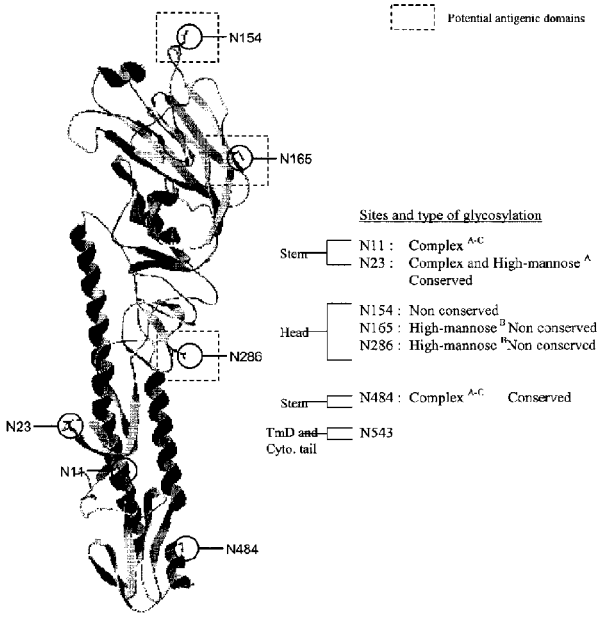


Figure 1A
Representation of the localisation of glycosylation sites on the structure of a monomer from influenza virus HA H5 A/Indonesia/5/05.

(57) Abstract: A method for synthesizing influenza virus-like particles (VLPs) within a plant or a portion of a plant is provided. The method involves expression of a novel influenza HA protein in plants and its purification The invention is also directed towards a VLP comprising influenza HA protein and plants lipids. The invention is also directed to a nucleic acid encoding improved influenza HA as well as vectors. The VLPs may be used to formulate influenza vaccines, or may be used to enrich existing vaccines.

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