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(54) Title: A NOVEL VACCINE FORMULATION CONSISTING OF DNA VACCINE INACTIVATED VIRUS

(57) Abstract: Disclosed herein is a novel vaccine formulation for prophylatic or therapeutic immunization of vertebrates against infections caused by vertebrate viruses. The said vaccine contains a minimum of two components, one of which is a deoxyribonucleotide (DNA) vaccine comprising of a DNA molecule that encodes a polypeptide of the virus and the other component consisting of inactivated form of the virus. This invention can also be used to develop low cost inactivated virus-based vaccines that contain much lower amount of the said virus than that present in similar vaccines known in the prior art. This invention also relates to a process of producing the said novel vaccine formulation and the use of the said formulation.