ABSTRACT

IMPROVED METHOD FOR PRODUCING VIRUS LIKE PARTICLES

The present invention relates to a platform technology to produce virus-like particles (VLPs). More particularly, the present invention relates to expression cassettes comprising a flavivirus structural gene, a furin gene, an internal ribosome entry site (IRES) positioned between the flavivirus structural gene and the furin gene, and targeted signal and membrane anchor sequences for producing high yields of secreted immunogenic flavivirus VLPs for use in vaccines, vaccines comprising the VLPs and methods of prophylaxis or treatment of virus infection.

Figure 1