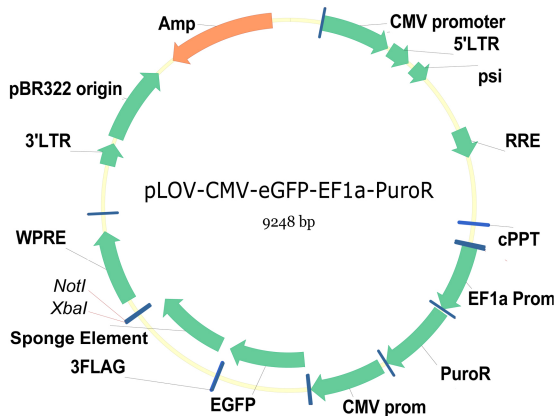


A**B**

Sponge Element



miR-183 binding sequence:

TCG

UTR 5' -AGTGAATTCT AGTGCCATA
miR UCACUUAAGA UCACGGUAU-5'

UGG

miR-96 binding sequence:

ACG

UTR 5' -AGCAAAAATG AGTGCCAAA
miR UCGUUUUUAC UCACGGUUU-5'

ACGA

miR-182 binding sequence:

GAGG

UTR 5' -AGTGTGAGTT ATTGCCAAA
miR UCACACUCA UAACGGUUU-5'

GAUGG

Figure S2 Creation of miR-183/96/182 cluster sponge lentivirus. (A) Schematic representation of the pLOV-CMV-eGFP-EF1a-PuroR lentivirus. **(B)** Upper panel shows the schematic representation of the sponge element: 10 copies of binding sites for each miR-183/96/182 cluster miRNA were inserted into the 3'-UTR of EGFP. The construct was under control of CMV promoter. Binding sequences of miR-183, miR-96 and miR-182 are shown in the lower panel.