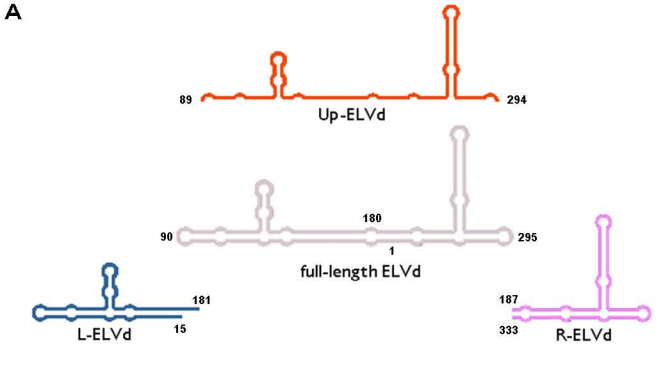

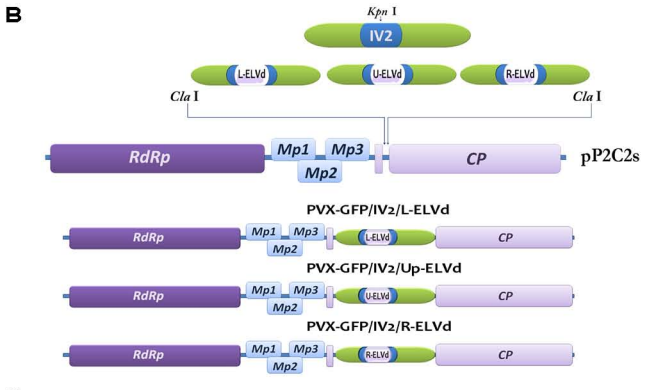

C

GFP/IV2/L-ELVd

CACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGGGT
AAGTTTCTGCTTCTACCTTTGATATATATATAATAATTATCATTAATTAGTAGTAATATAATATTTCAAATATTTTTTTCAAAATAAAAGAAGGTACCTCC
CTGATGAGTCCGAAAGGACGAAACGGTACATTCGCCAAACCACACTTACAAAGTAAGGGTTTGGGGAAGGGACTCTTGGAGGAACGTTTAAAGGACGAATC
CTCCGAATTTAAAGTCCCGACCCATGGCGAAACCCCATTTCGACCTTTCGGTCTCATCAGGGGTGGTACCTGTAGTATATAGCAATTGCTTTTCTGTAGTTT
TATAAGTGTGTATATTTTAATTTATAACTTTTCTAATATATGACCAAAATTTGTTGATGTGCAGCCCACCCTCGTGACCACCTTCGGCTACGGCCTGCAGT
GCTTCGCCCGCTACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCAGGAGCGCACCATCTTCTTCAAGGACGAC
GGCAACTACAAGACCCGCGCCGAGGTGAAG

GFP/IV2/R-ELVd

CACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGGGT
AAGTTTCTGCTTCTACCTTTGATATATATATAATAATTATCATTAATTAGTAGTAATATAATATTTCAAATATTTTTTCAAAATAAAAGAAGGTACCACA
CACTTTCCGACGGTGGGTTCGTCGACACCTCTCCCCCTCCCAGGTACTATCCCCTTTCAAGGATGTGTTCCCTAGGAGGGTGGGTGTACCTCTTTTGGATT
GCTCCGGCCTTCCAGGAGAGATAGAGGACGACCTCTCCCCATAGGGTGGTGTGTGGTACCTGTAGTATATAGCAATTGCTTTTCTGTAGTTTATAAGTGTG
TATATTTTAATTTATAACTTTTCTAATATATGACCAAAATTTGTTGATGTGCAGCCCACCCTCGTGACCACCTTCGGCTACGGCCTGCAGTGCTTCGCCCG
CTACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCAGGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACA
AGACCCGCGCCGAGGTGAAGTTCGAGGGCG

GFP/IV2/Up-ELVd

CACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACCCTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGGGT
AAGTTTCTGCTTCTACCTTTGATATATATATAATAATTATCATTAATTAGTAGTAATATAATATTTCAAATATTTTTTCAAAATAAAAGAAGGTACCTTA
AACGTTCCTCCAAGAGTCCCTTCCCCAAACCCTTACTTTGTAAGTGTGGTTCGGCGAATGTACCGTTTCGTCCTTTCGGACTCATCAGGGAAAGTACACAC
TTTCCGACGGTGGGTTCGTCGACACCTCTCCCCCTCCCAGGTACTATCCCCTTTCAAGGATGTGTTCCCTAGGAGGGTGGGTGTACCTCTTTTGGATTGCT
CGGTACCTGTAGTATATAGCAATTGCTTTTCTGTAGTTTATAAGTGTGTATATTTTAATTTATAACTTTTCTAATATATGACCAAAATTTGTTGATGTGCA
GCCCACCCTCGTGACCACCTTCGGCTACGGCCTGCAGTGCTTCGCCCGCTACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAG
GCTACGTCCAGGAGCGCACCATCTTCTTCA

Supporting Figure 3: A) schematic representation of the three arbitrary regions in that the ELVd was disected. B) PVX-based vector P2C2S and cDNAs (GFP/IV2/L-ELVd, GFP/IV2/R-ELVD and GFP/IV2/Up-ELVd) cloned under the control of the duplicated PVX-CP promoter. The chimeric vectors PVX-GFP/IV2/L-ELVd, PVX-GFP/IV2/R-ELVd and PVX-GFP/IV2/Up-ELVd are not drawn to scale. C) Partial sequences of the constructs used in this study. GFP (green text), IV2 (blue text) and partial-length ELVd (red text) cDNA sequences are showed according their cloning position in the vector. The Kpn I site used for (L, R and Up) ELVd cloning is shown in gray text.