

pcDNA-EF1-Cas9-MS2 12X

Fig. I

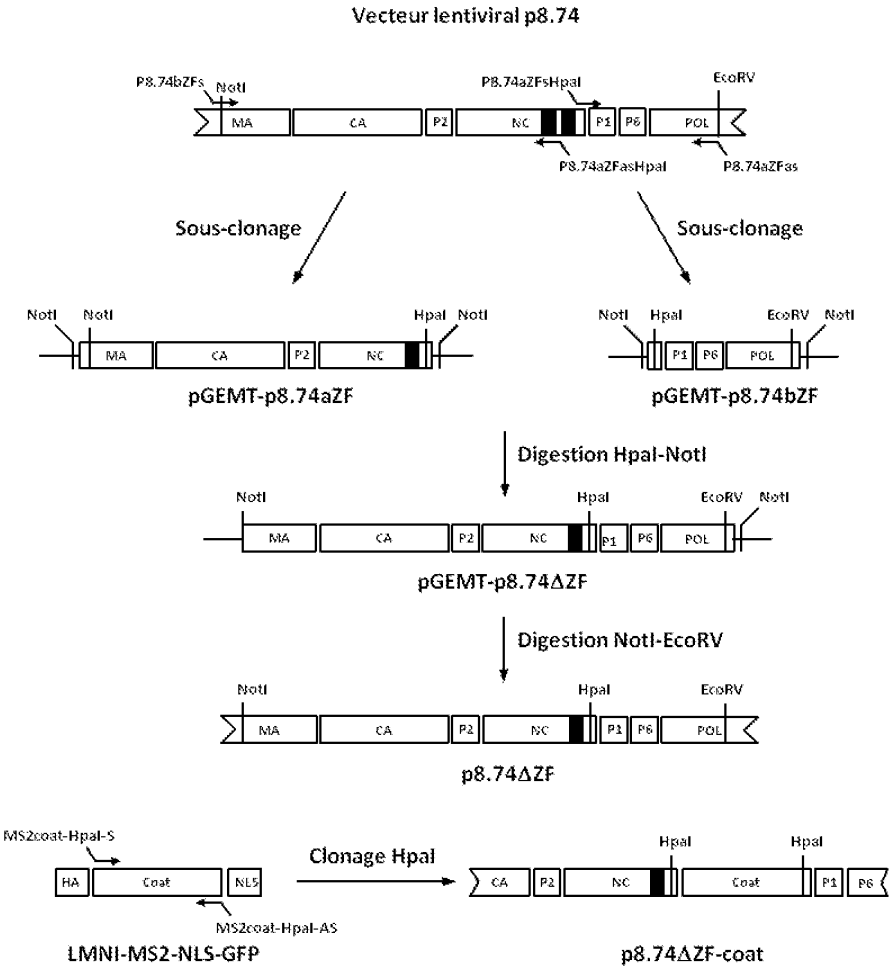
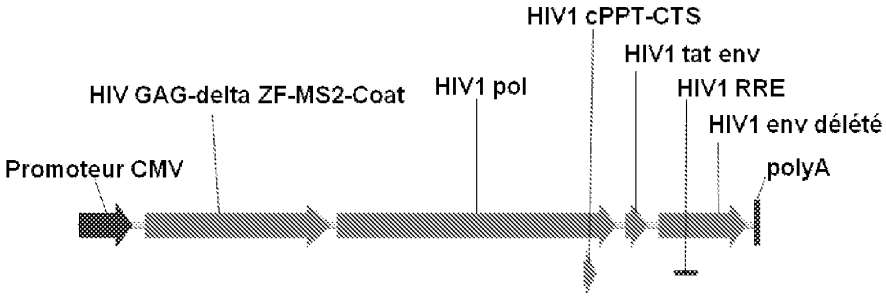
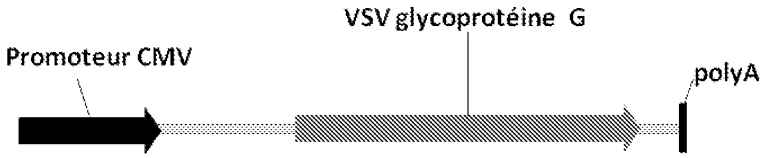


Fig. IIa



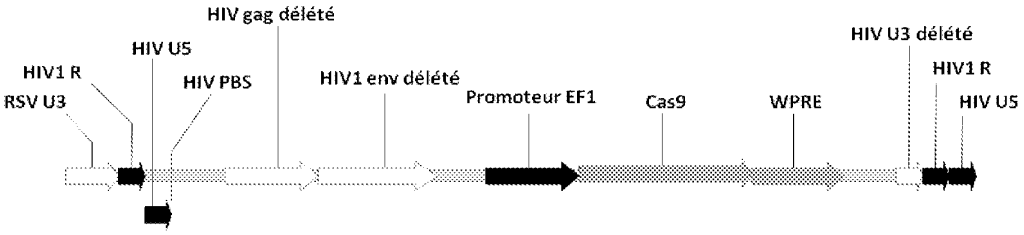
p8.74ΔZF-MS2 Coat linéaire

Fig. IIb



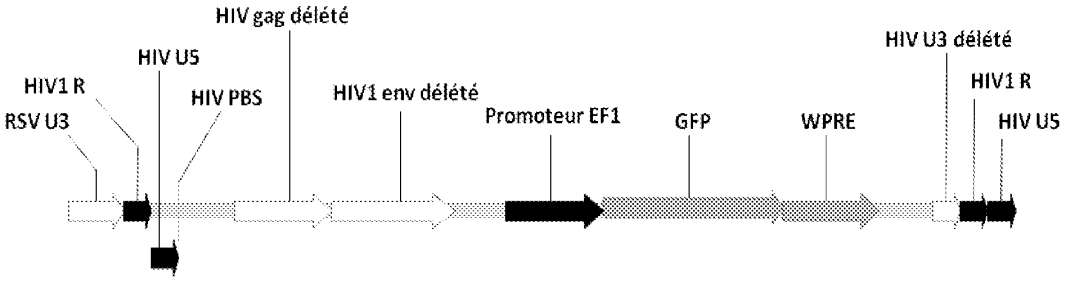
pEnv

Fig. III



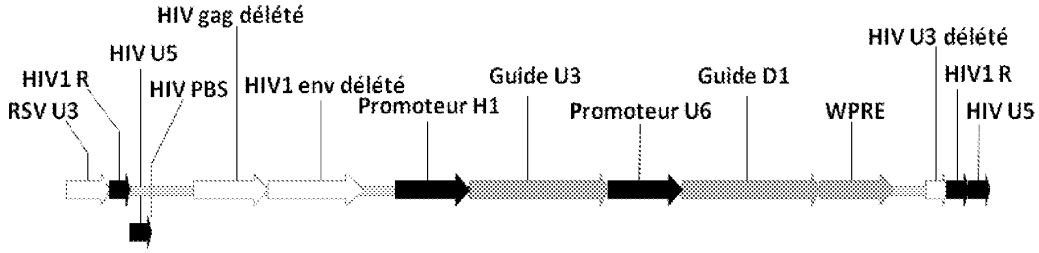
pILV-EF1-Cas9-WPRE

Fig. IV



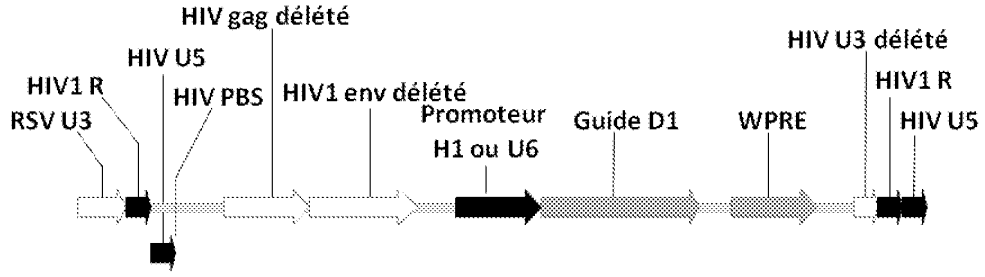
pILV-EF1-GFP-WPRE

Fig. Va



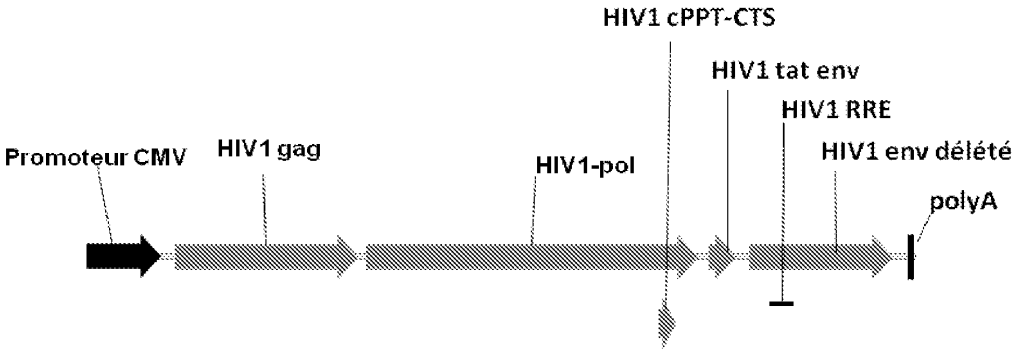
pILV-H1-GuideU3-U6-GuideD1-WPRE

Fig. Vb



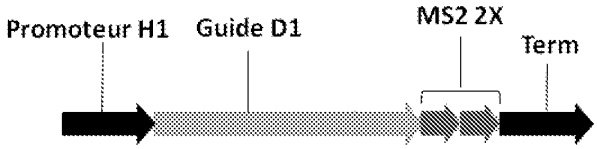
pILV-H1/U6-GuideD1-WPRE

Fig. Vc



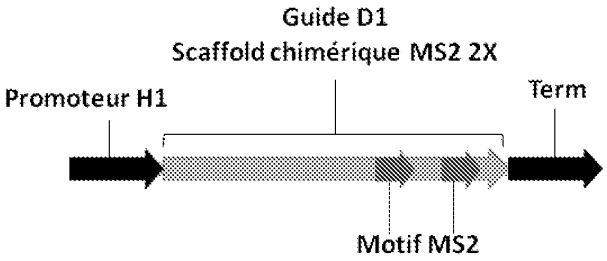
p8.74 linéaire

Fig. VI



pcDNA-H1-GuideD1-MS2 2X

Fig. VII



pcDNA-H1-GuideD1Chimérique-MS2 2X

Fig. VIII

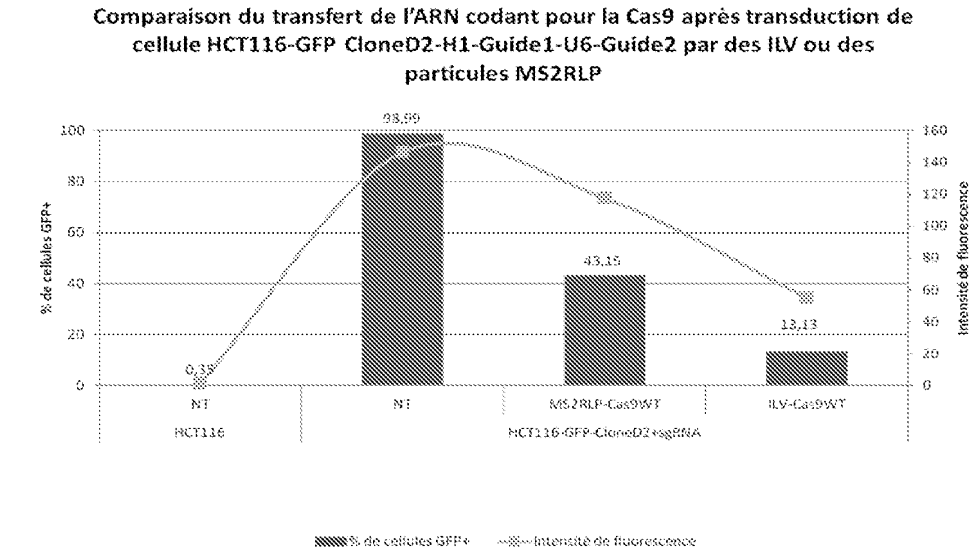

Comparaison du transfert de l'ARN codant pour la Cas9 après transduction de cellule HCT116-GFP CloneD2-H1-Guide1-U6-Guide2 par des ILV ou des particules MS2RLP
% de cellules GFP+
Intensité de fluorescence
98,59
43,15
13,13
0,18
NT
NT
MS2RLP-Cas9WT
ILV-Cas9WT
HCT116
HCT116-GFP-CloneD2+sgRNA
% de cellules GFP+
Intensité de fluorescence

Fig. IX

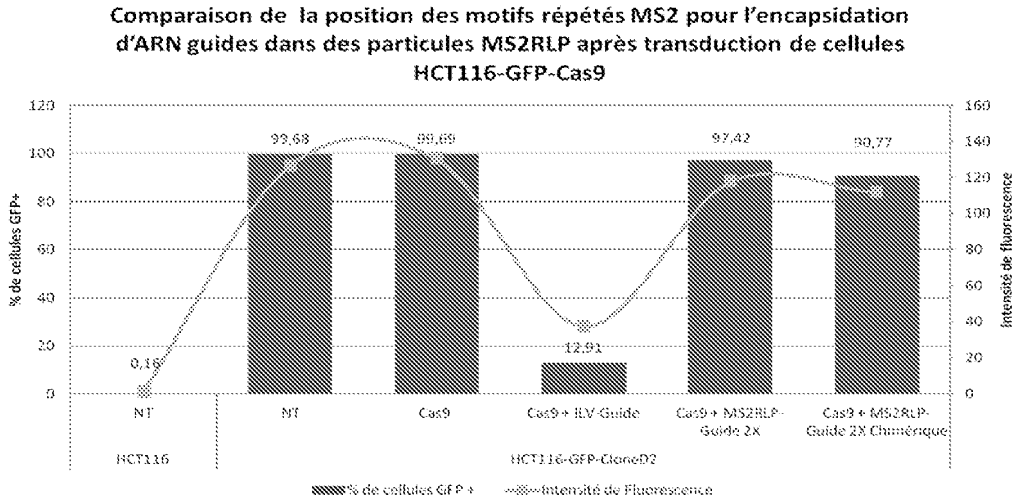

Comparaison de la position des motifs répétés MS2 pour l'encapsidation d'ARN guides dans des particules MS2RLP après transduction de cellules HCT116-GFP-Cas9
% de cellules GFP+
Intensité de fluorescence
93,68
99,69
12,91
97,42
90,77
0,16
NT
NT
Cas9
Cas9 + ILV-Guide
Cas9 + MS2RLP-Guide 2X
Cas9 + MS2RLP-Guide 2X Chimérique
HCT116
HCT116-GFP-CloneD2
% de cellules GFP+
Intensité de fluorescence

Fig. X

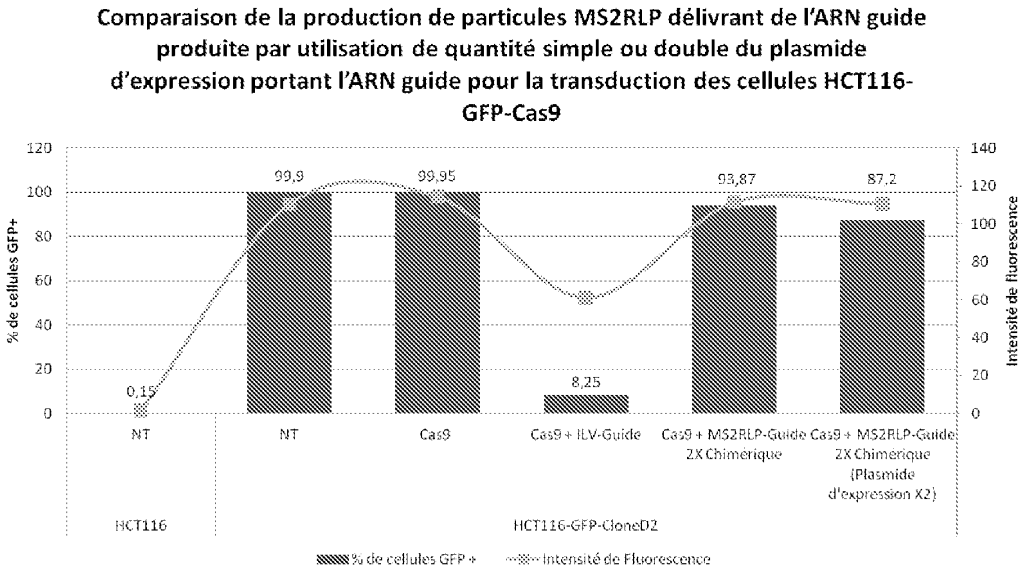


Fig. XI

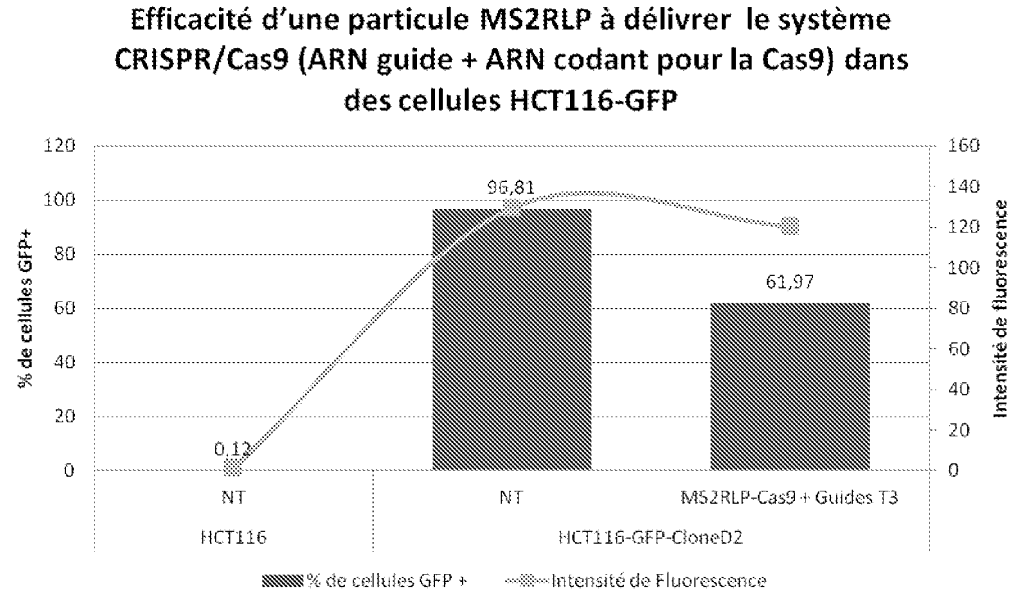
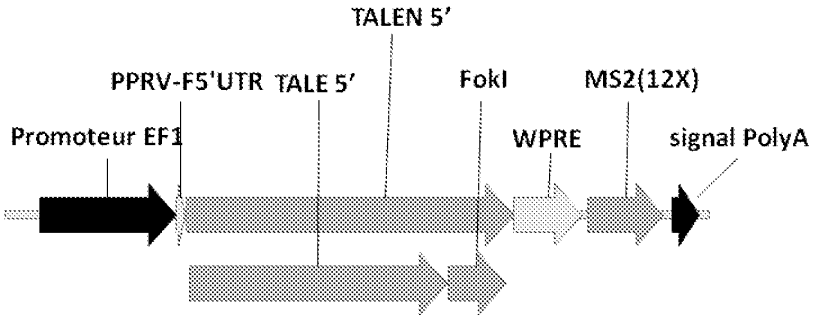
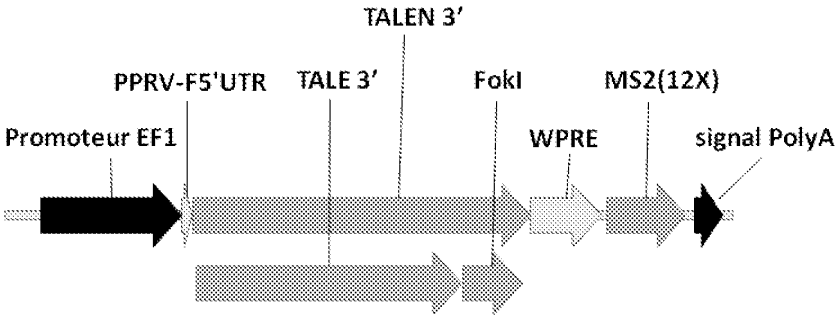


Fig. XII



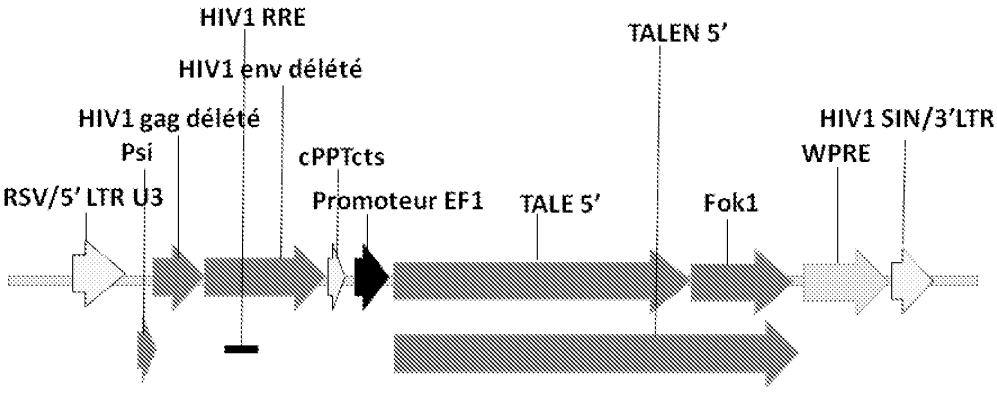
pcDNA.EF1.PPRV.TALEN 5'.WPRE.MS2(12X)

Fig. XIIIa



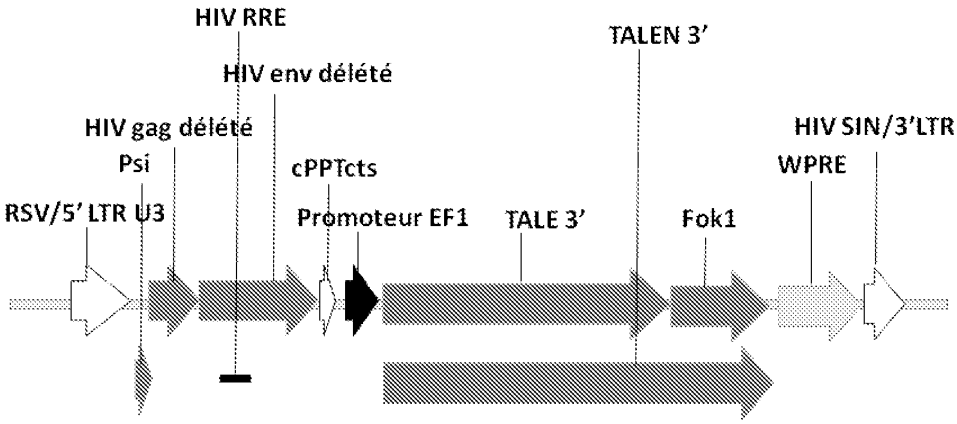
pcDNA.EF1.PPRV.TALEN 3'.WPRE.MS2(12X)

Fig. XIIIb



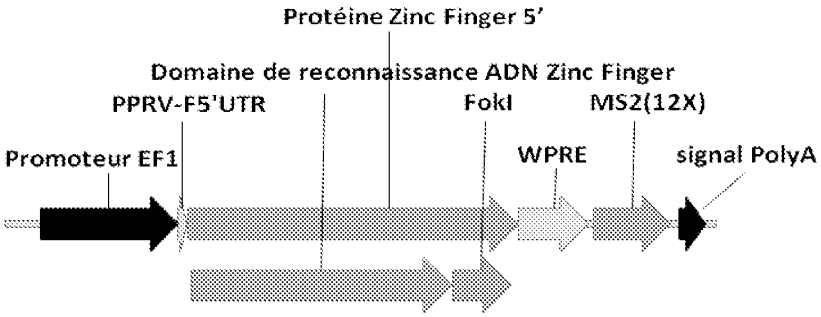
pILV.EF1.TALEN 5'

Fig. XIVa



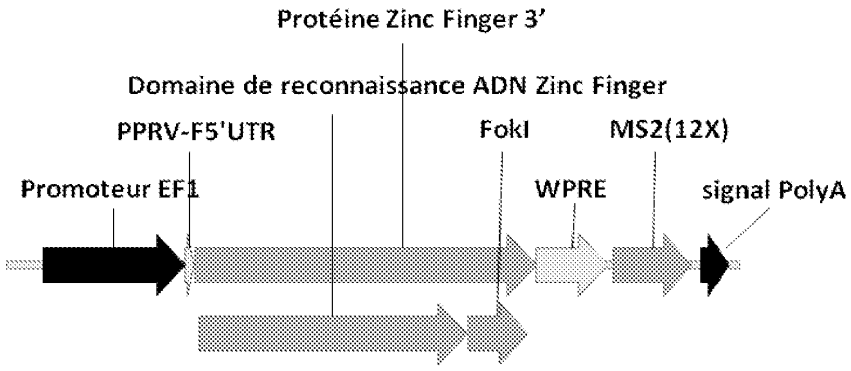
pILV.EF1.TALEN 3'

Fig. XIVb



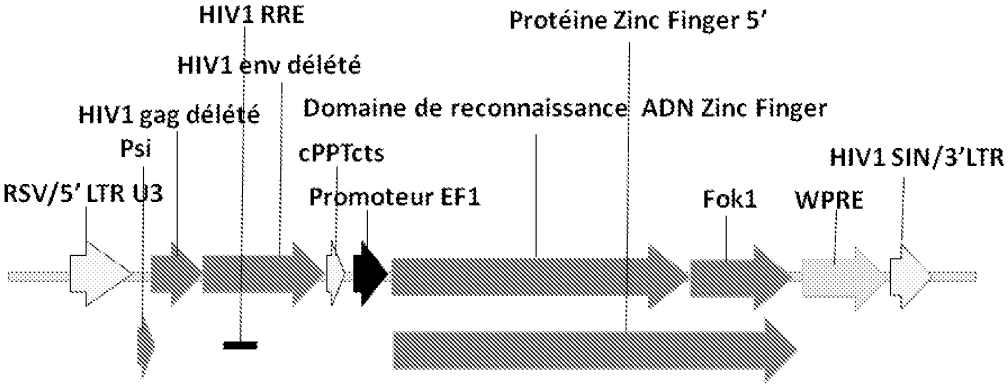
pcDNA.EF1.PPRV. ZFP 5'.WPRE.MS2(12X)

Fig. XVa



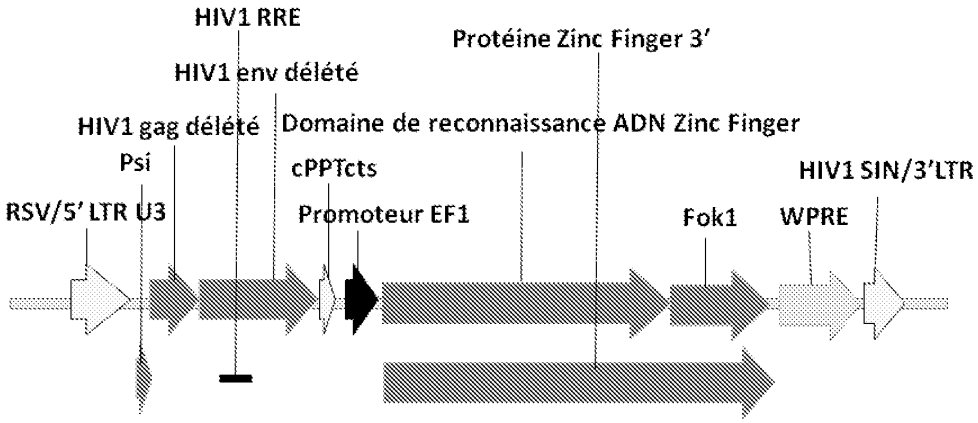
pcDNA.EF1.PPRV.ZFP 3'.WPRE.MS2(12X)

Fig. XVb



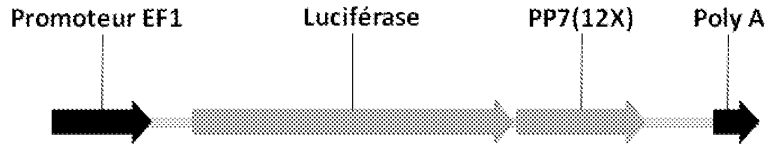
pILV.EF1.ZFP 5'

Fig. XVIa



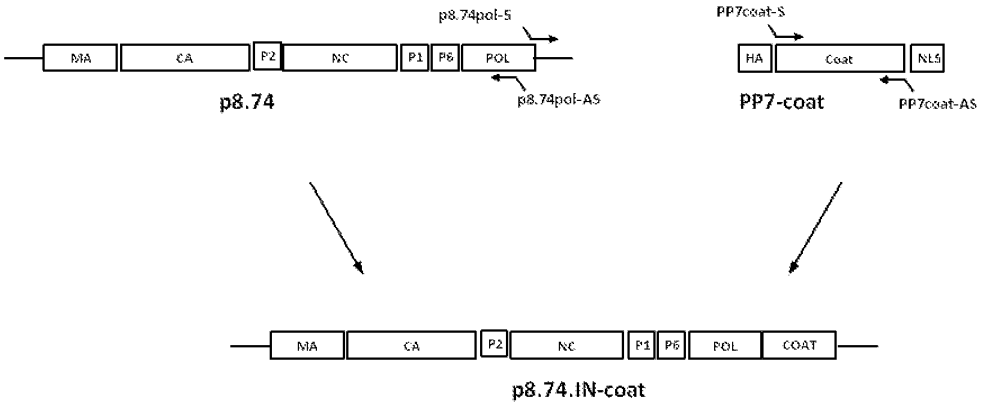
pILV.EF1.ZFP 3'

Fig. XVIb



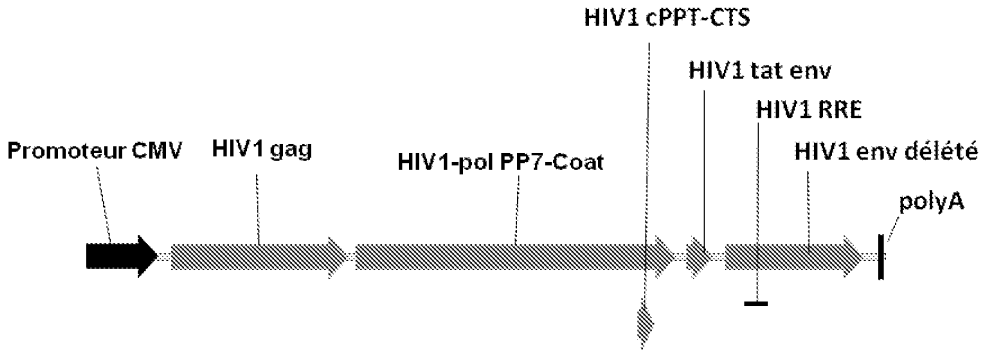
pcDNA.EF1.PP7 12X linéaire

Fig. XVII



P8.74- Pol-PP7 Coat Linéaire

Fig. XVIII



p8.74- Pol-PP7 Coat Linéaire

Fig. XIX

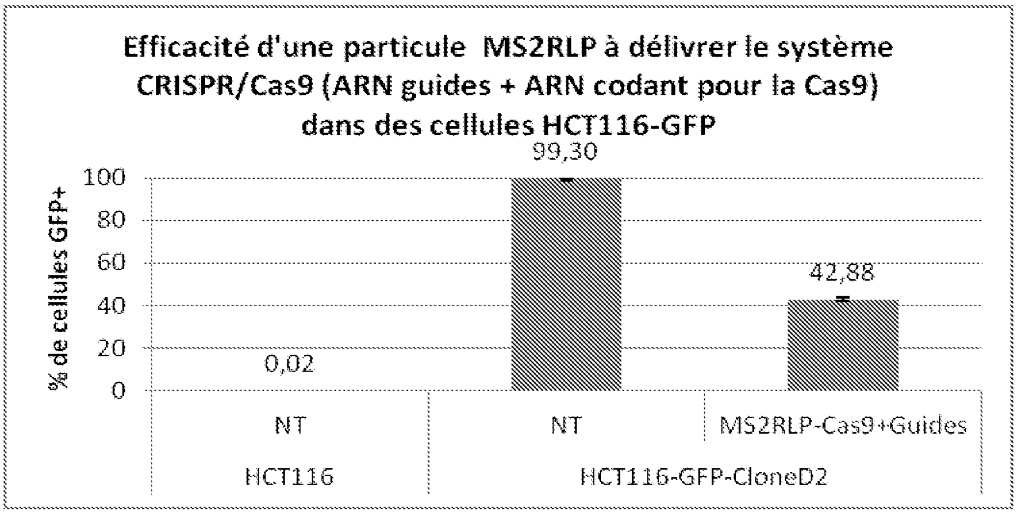
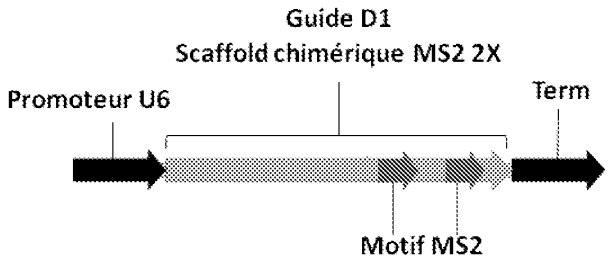


Fig. XX



pcDNA-U6-GuideD1Chimérique-MS2 2X

Fig. XXI

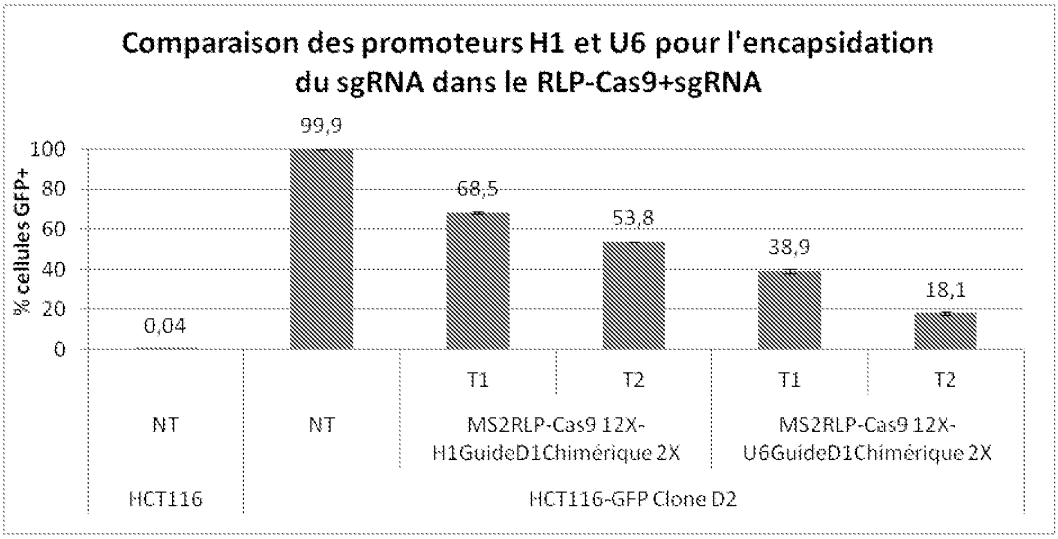
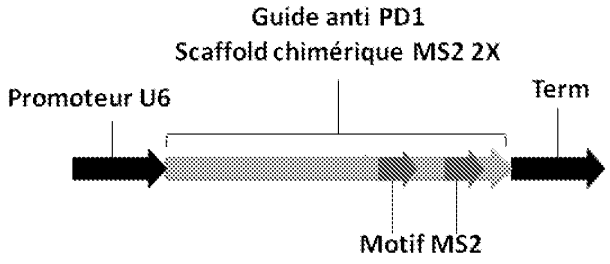


Fig. XXII



pcDNA-U6-Guide_antiPD1Chimérique-MS2 2X

Fig. XXIII

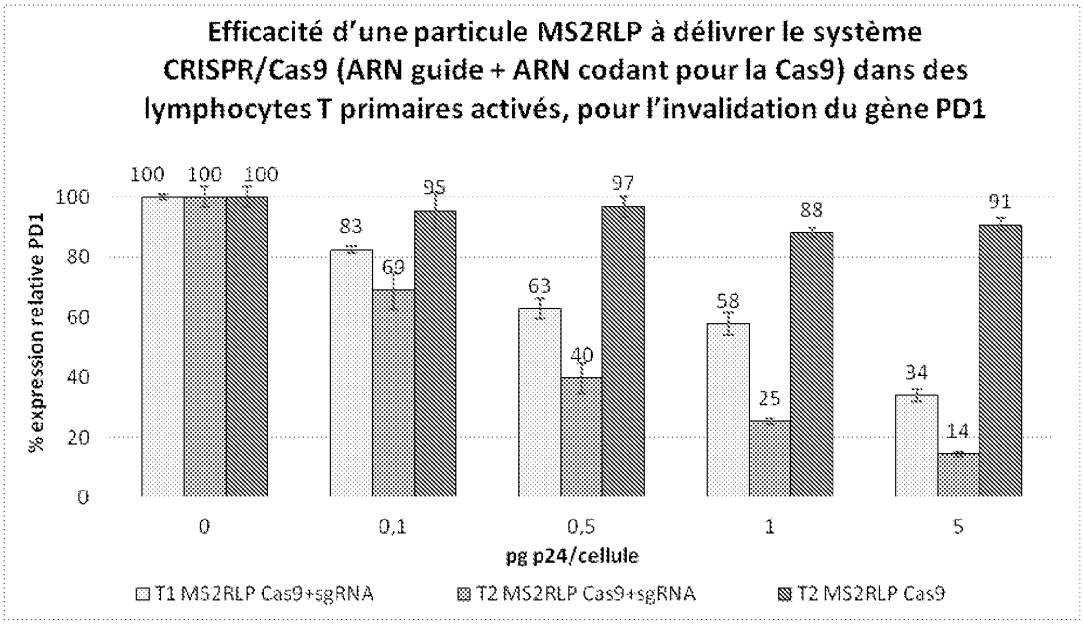


Fig. XXIV

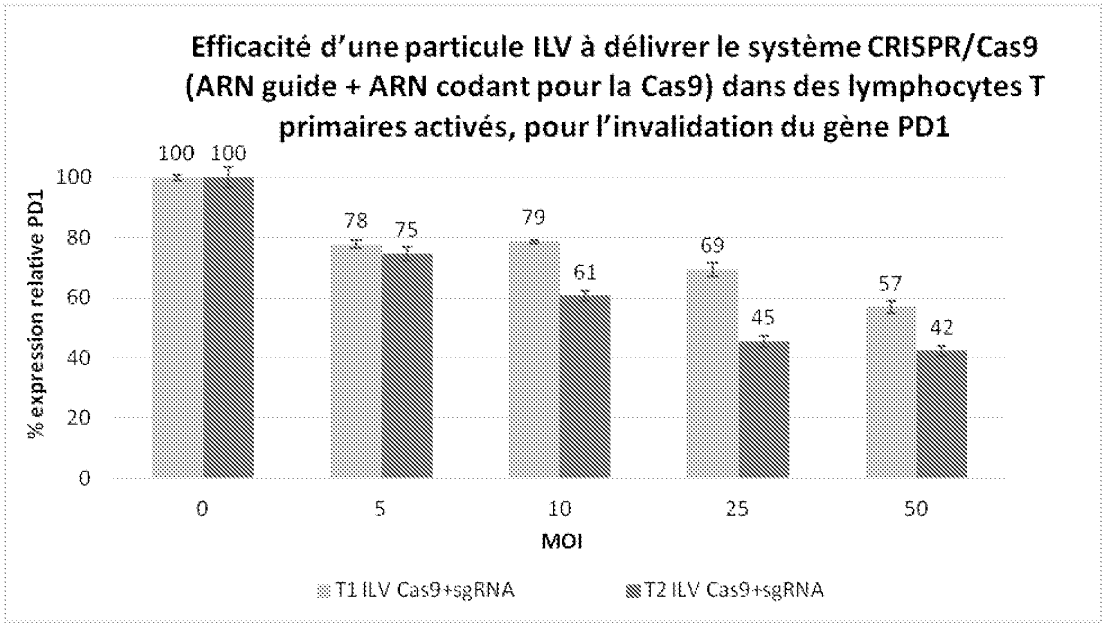


Fig. XXV

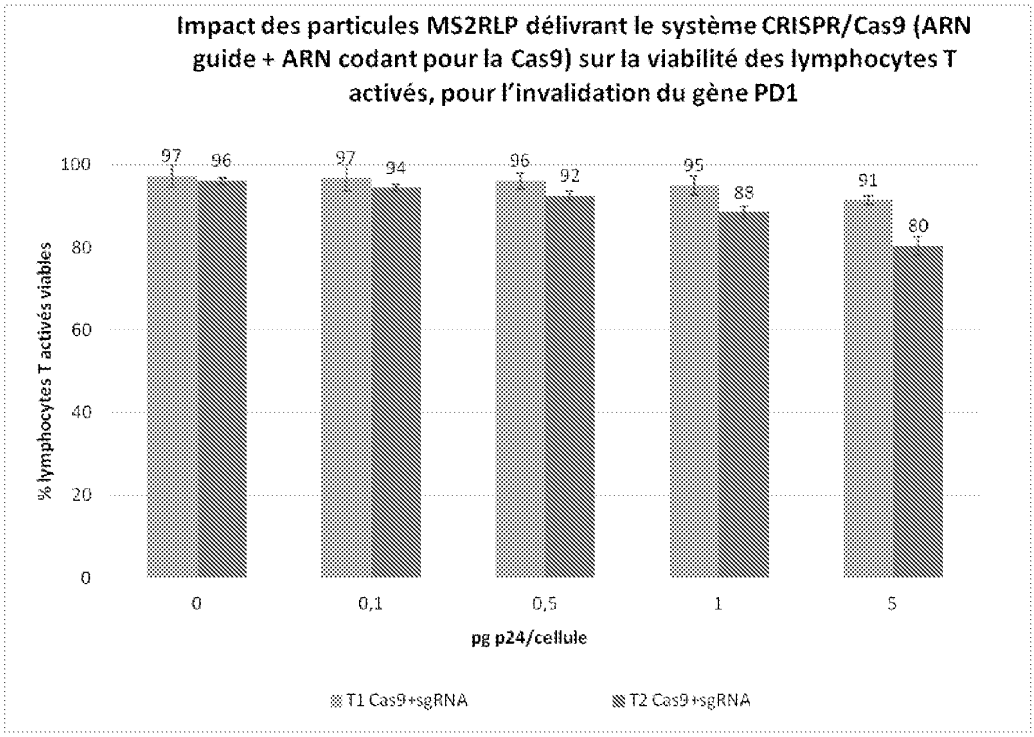


Fig. XXVI

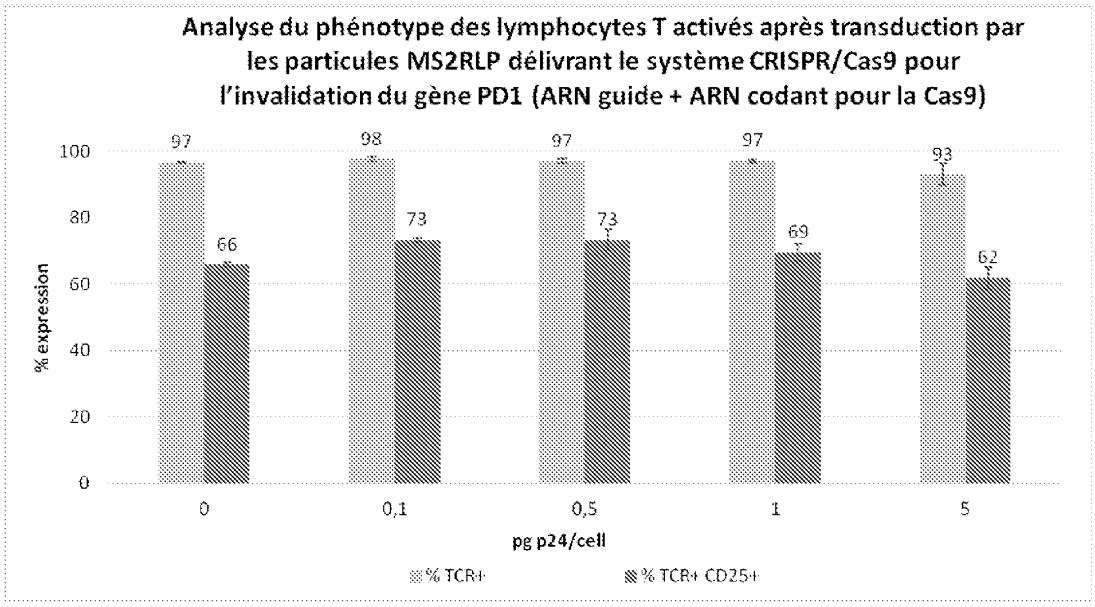
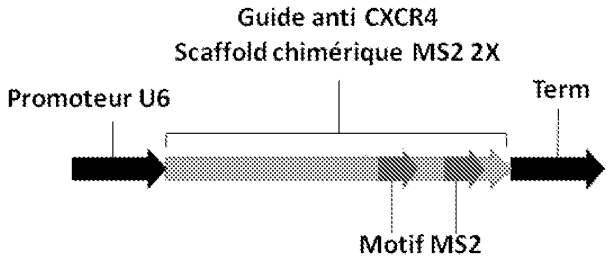


Fig. XXVII



pcDNA-U6-Guide-antiCXCR4Chimérique-MS2 2X

Fig. XXVIII

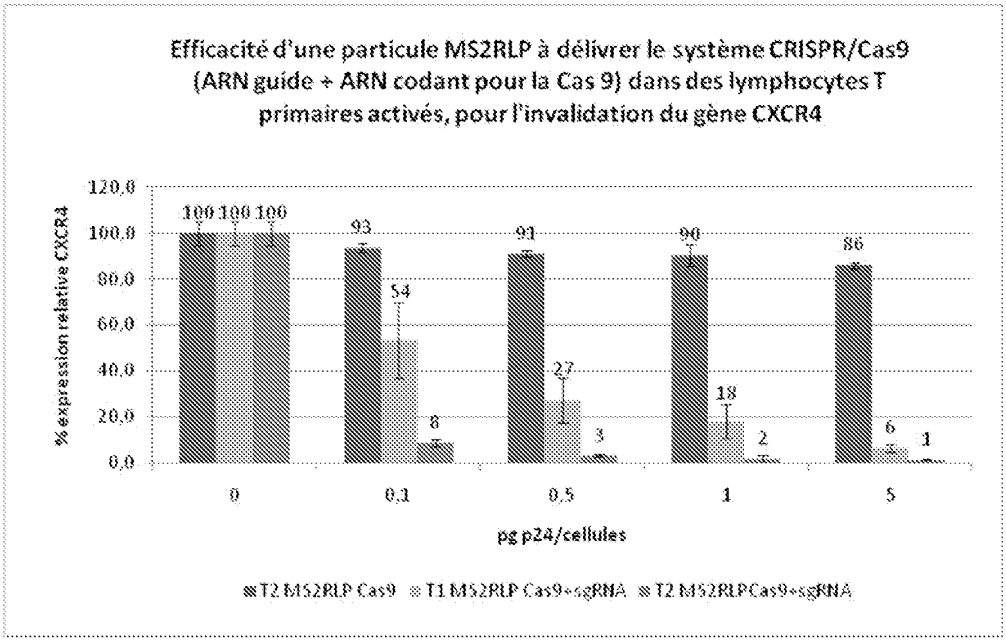


Fig. XXIX

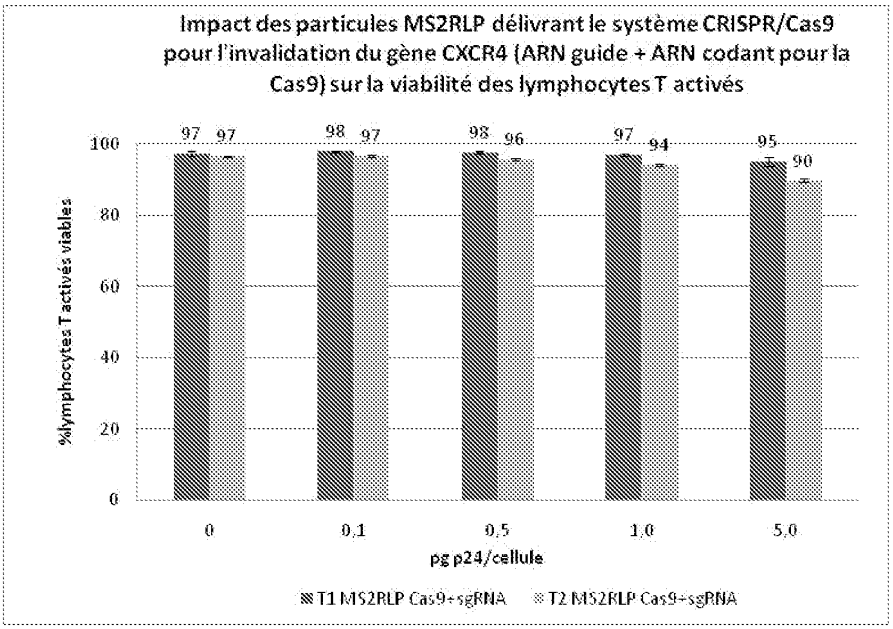


Fig. XXX

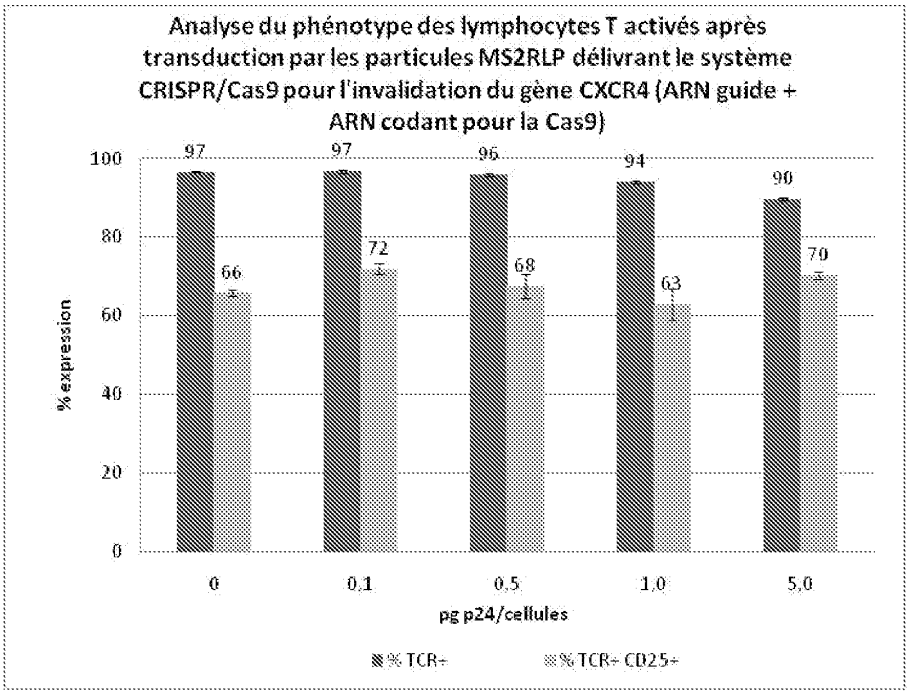
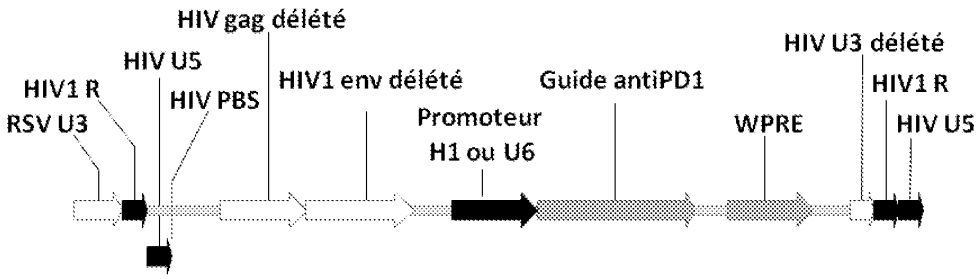


Fig. XXXI



pILV-H1/U6-GuideantiPD1-WPRE

Fig. XXXII

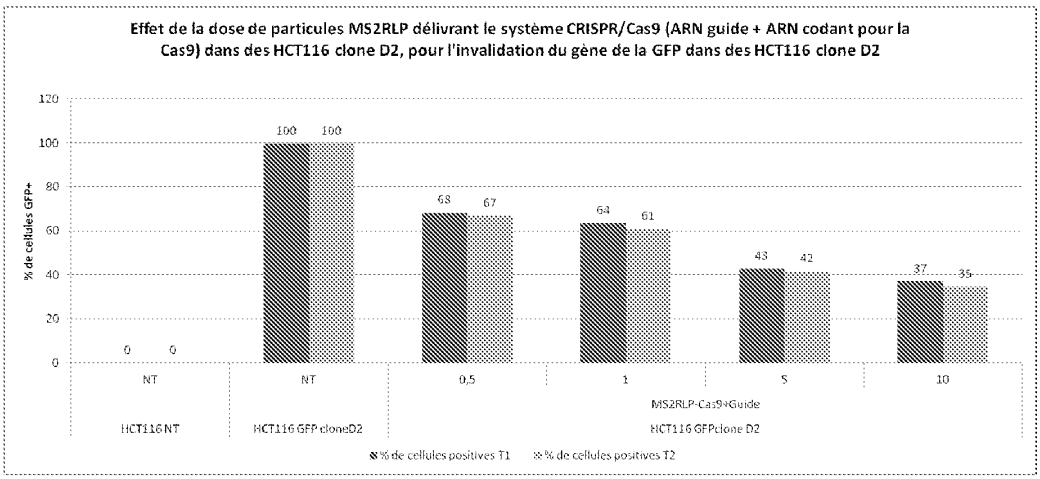
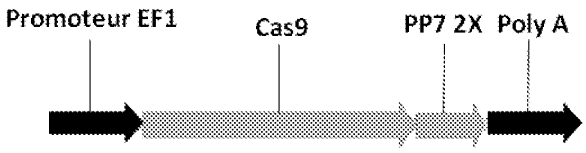
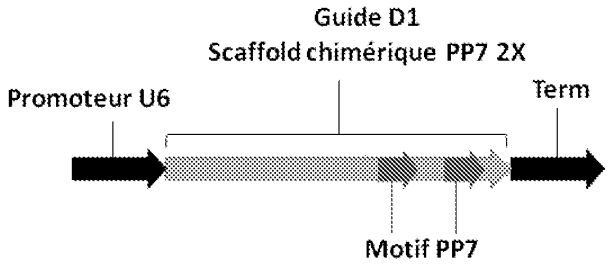


Fig. XXXIII



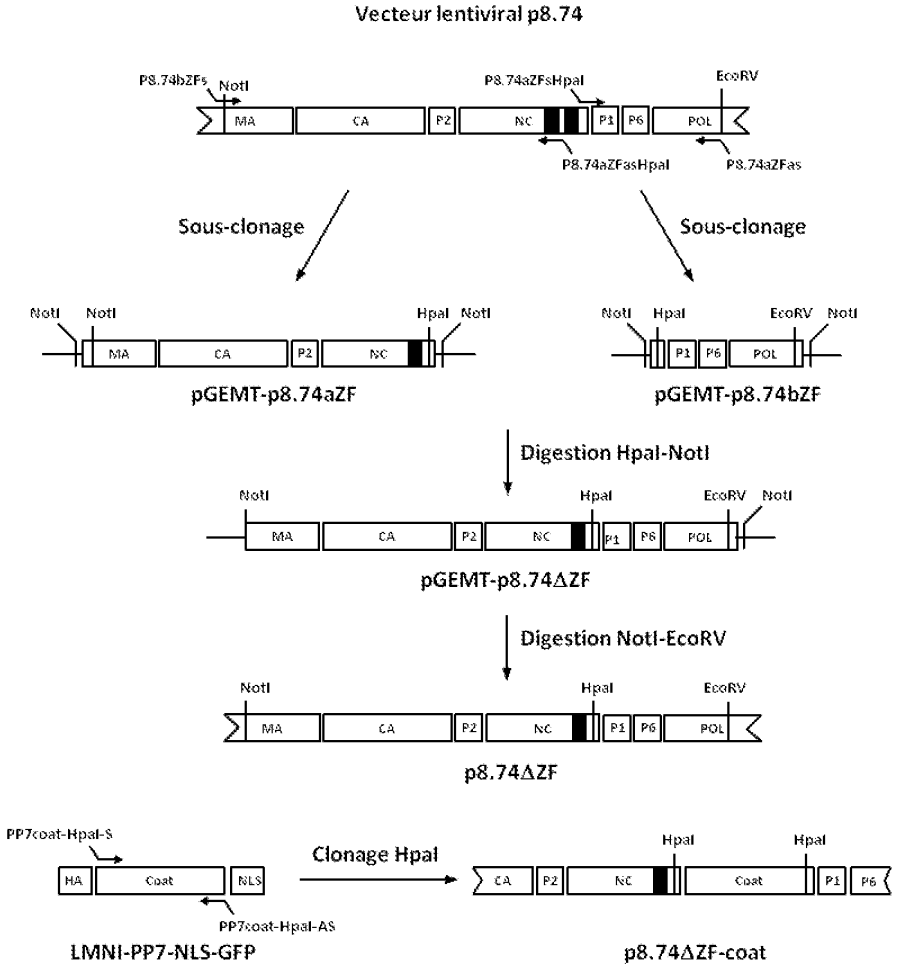
pcDNA-EF1-Cas9-PP7 2X

Fig. XXXIV



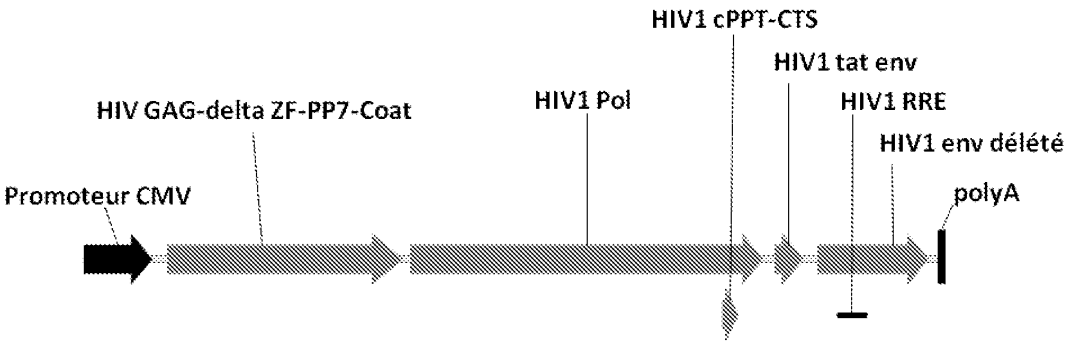
pcDNA-U6-GuideD1Chimérique-PP7 2X

Fig. XXXV



p8.74ΔZF-PP7 Coat

Fig. XXXVIa



p8.74ΔZF-PP7 Coat

Fig. XXXVIb

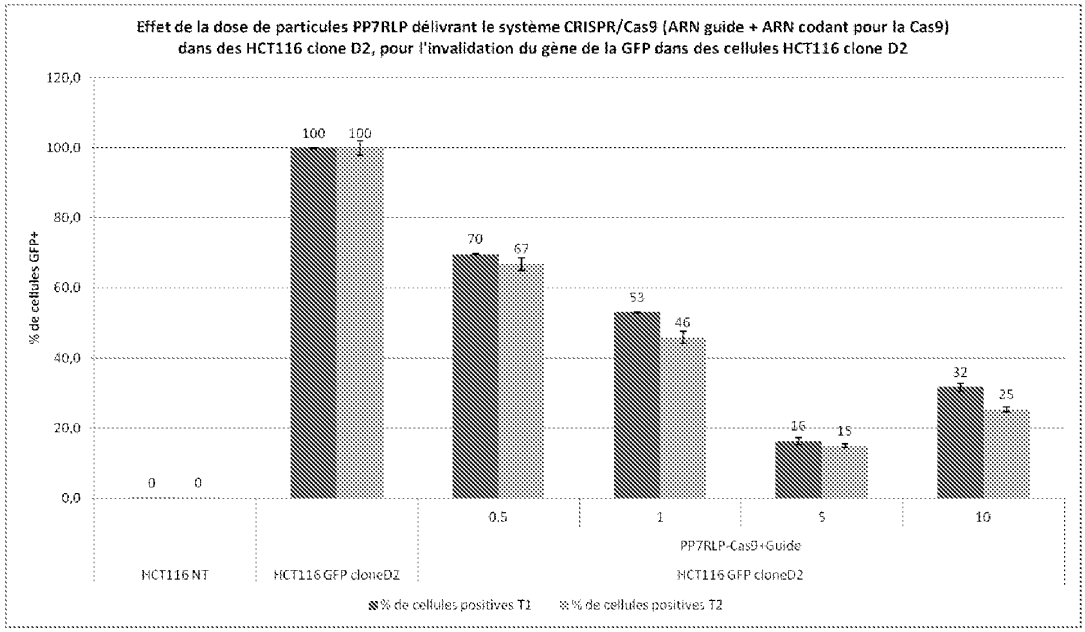
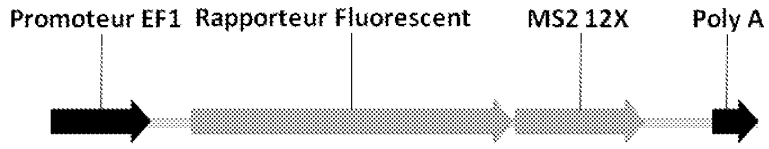
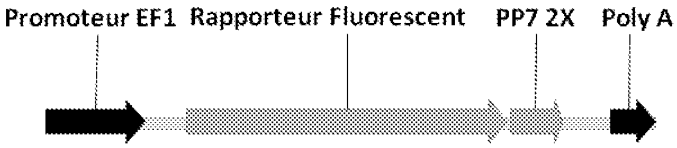


Fig. XXXVII



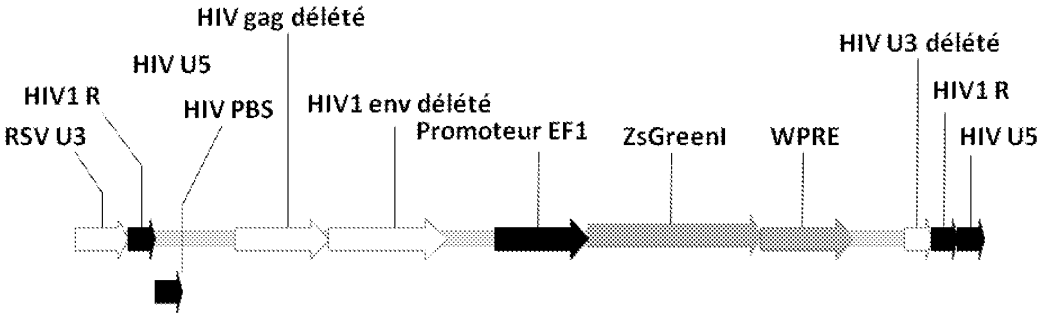
pcDNA.EF1.RapporteurFluorescent.MS2 12X

Fig. XXXVIII



pcDNA.EF1.RapporteurFluorescent.PP7 2X

Fig. XXXIX



pILV-EF1-ZsGreenI-WPRE

Fig. XXXX

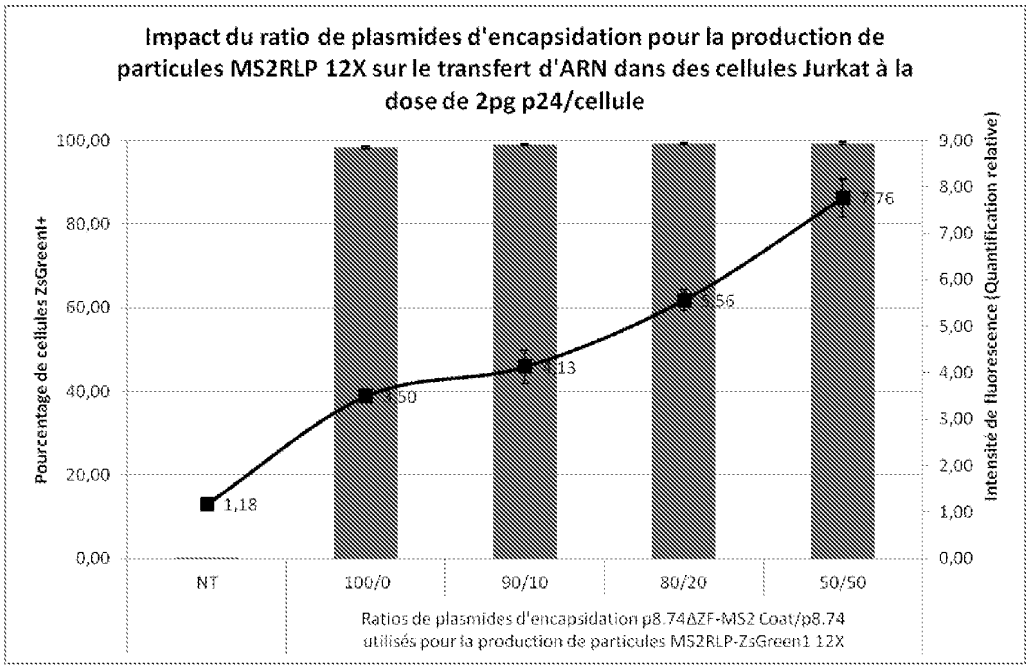


Fig. XXXXI

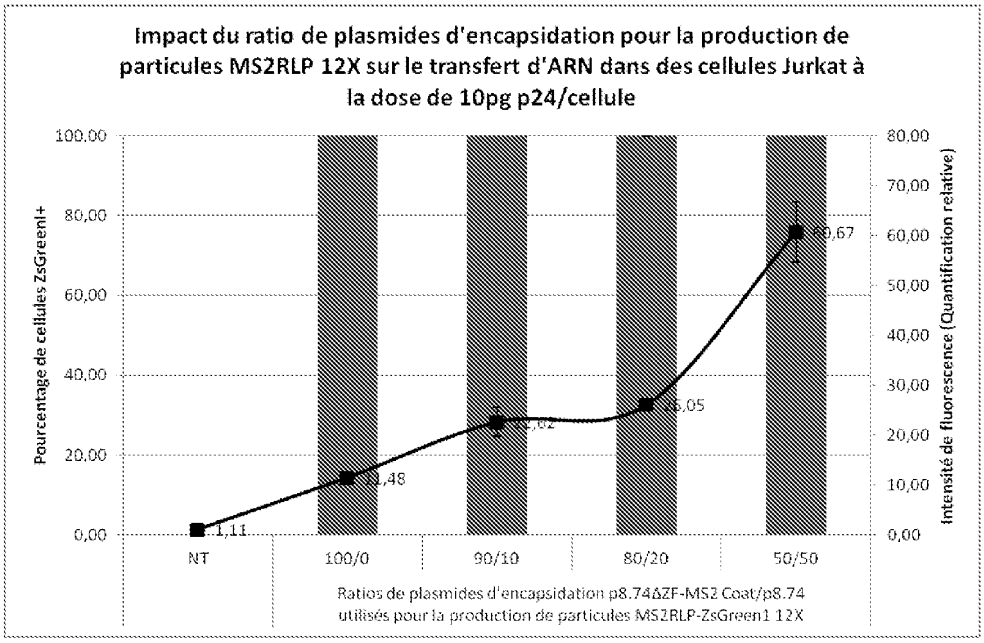


Fig. XXXXII

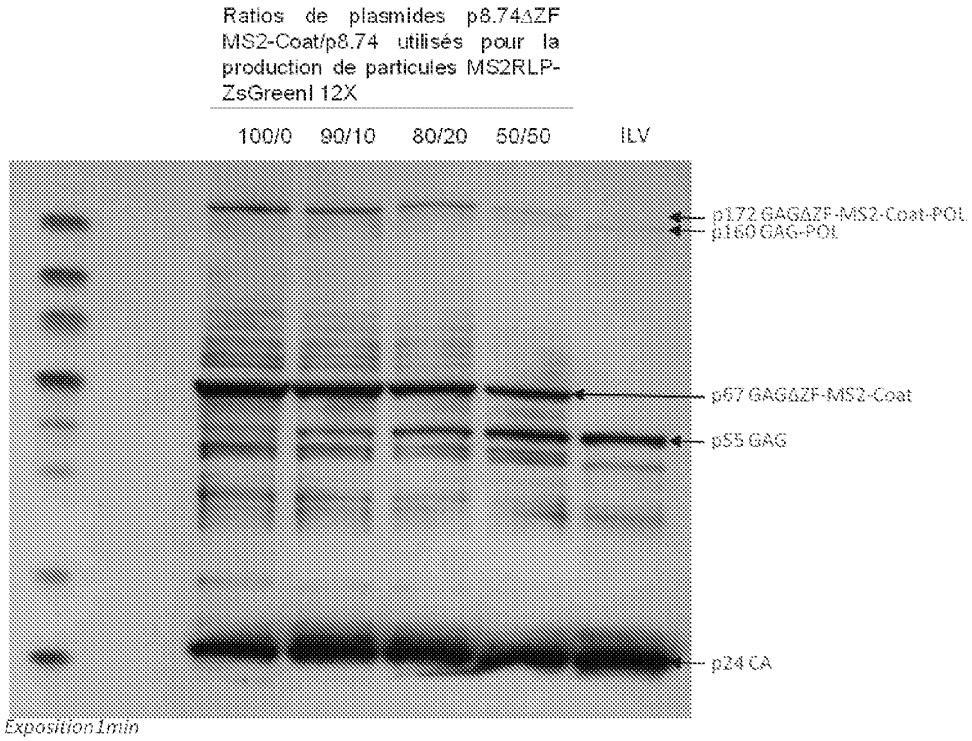


Fig. XXXXIIIa

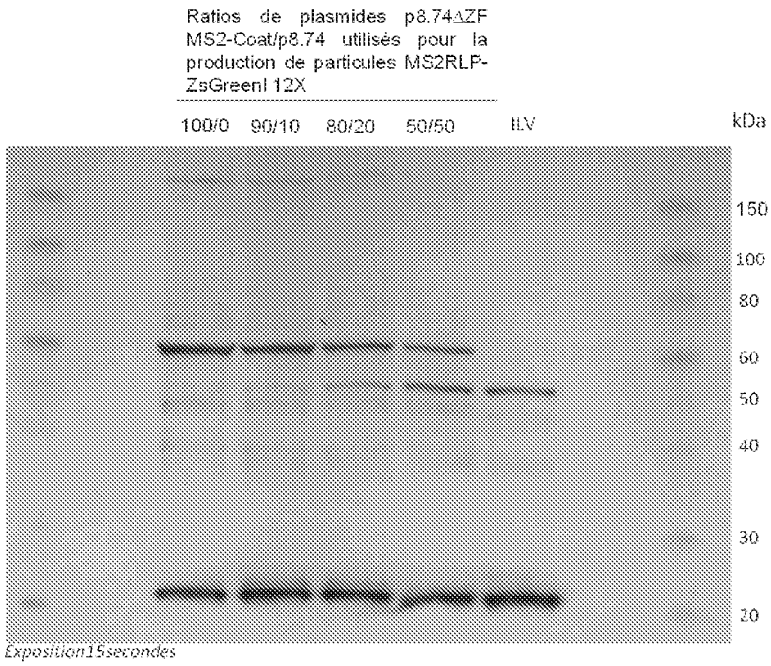


Fig. XXXXIIIb

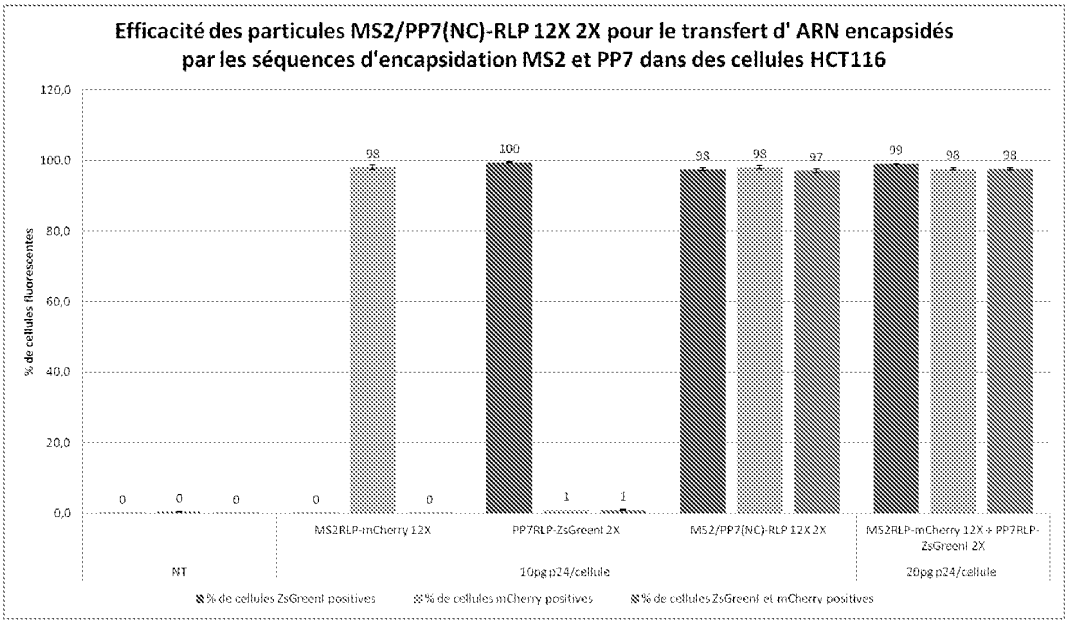

Efficacité des particules MS2/PP7(NC)-RLP 12X 2X pour le transfert d' ARN encapsidés par les séquences d'encapsidation MS2 et PP7 dans des cellules HCT116
% de cellules fluorescentes
120,0
100,0
80,0
60,0
40,0
20,0
0,0
0
0
0
0
98
0
100
1
1
98
98
97
99
98
98
MS2RLP-mCherry 12X
PP7RLP-ZsGreen1 2X
MS2/PP7(NC)-RLP 12X 2X
MS2RLP-mCherry 12X + PP7RLP-ZsGreen1 2X
NT
10pg p24/cellule
20pg p24/cellule
% de cellules ZsGreen1 positives
% de cellules mCherry positives
% de cellules ZsGreen1 et mCherry positives

Fig. XXXXIV