

Supplementary Table 1. The list of the primers

Production	Direction	Sequence (5'-3')
pXR2vp3	Forward	GAT TTA AAT CAG GT <b>CTG</b> GCT GCC GAT GGT TAT CTT CC
	Reverse	GG AAG ATA ACC ATC GGC AGC CAG AC CTG ATT TAA ATC
	Forward	GGA ACC TGT TAA G <b>GCG</b> GCT CCG GGA AAA AAG
	Reverse	CTT TTT TCC CGG AGC CGC C TTA ACA GGT TCC
pXR3vp3	Forward	GAT TTA AAT CAG GT <b>CTG</b> GCT GCT GAC GGT TAT CTT CC
	Reverse	GG AAG ATA ACC GTC AGC AGC CAG AC CTG ATT TAA ATC
	Forward	GAG GAA GCA GCT AAA <b>GCG</b> GCT CCT GGA AAG AAG
	Reverse	CTT CTT TCC AGG AGC CGC TTT AGC TGC TTC CTC
pXR8vp12	Forward	GTG GGA CCT AAT ACA <b>CTG</b> GCT GCA GGC GG
	Reverse	CC GCC TGC AGC CAG TGT ATT AGG TCC CAC
	Forward	CGG TGG CGC ACC A <b>CTG</b> GCA GAC AAT AAC
	Reverse	GTT ATT GTC TGC CAG T GGT GCG CCA CCG
pXR9vp12	Forward	GTG GGA TCT CTT ACA <b>CTG</b> GCT TCA GGT GGT CC
	Reverse	CC ACC ACC TGA AGC CAG TGT AAG AGA TCC CAC
VP12-2N8C	Forward	CTCTGGTCTGGGAACTAATACGATGGCTGCAGGCGGTGGCG CACC
	Reverse	GTGCGCCACCGCCTGCAGCCATCGTATTAGTTCCCAGACCAG AGG
AAVcap	Forward	CTCATTTAAATCAGGTATGGCTGCCGATGGTTATCTTCCA
	Reverse	GTTTAGCGGCCGCGACACCAAAGTTCAACTGAAACGAAT
2VP12-8VP3Mut	Forward	CTCTGGTCTGGGAACTAATACGCTGGCTGCAGGCGGTGGCGC ACC
	Reverse	GTGCGCCACCGCCTGCAGCCAGCGTATTAGTTCCCAGACCAG AGG

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