

**Supplemental Table 1**

<b>Name of oligonucleotide</b>	<b>Sequence (mutated residues underlined) or Probe ID</b>
<b>PCR</b>	
PACAP (mouse/rat)	Forward 5' - GAT GTC GCC CAC GAA ATC CT - 3'
	Reverse 5' - AGT GAT GAC TGG TCA GTC AA - 3'
$\alpha$ -Tubulin (mouse)	Forward 5' - CCA TCC ACC CGG CTG CCG - 3'
	Reverse 5' - CCG TAA TCC ACA GAG AGC C - 3'
<b>qPCR</b>	
Eukaryotic 18S rRNA	Applied Biosystems P/N 4319413E
Cyclophilin B, mouse	Applied Biosystems Mm00478295_m1
CREB1, mouse	Applied Biosystems Mm00501607_m1
PACAP, mouse	Applied Biosystems Mm00437433_m1
cFos, mouse	Applied Biosystems Mm00487425_m1
JunB, mouse	Applied Biosystems Mm00492781_s1
<b>EMSA</b>	
PAC-CRE (-218/-186)	5' - GGG ACT AGG ATG CTG ACG TCT TTT ACT GAT ACC - 3'
PAC-CREmut	5' - GGG ACT AGG ATG CTG <u>TGG</u> TCT TTT ACT GAT ACC - 3'
Consensus CRE (CRE)	5' - AGA GAT TGC CTG ACG TCA GAG AGC TAG - 3'
Consensus AP-1 (AP1)	5' - CGC TTG ATG ACT CAG CCG GAA - 3'
PAC-AP1 (-285/-259)	5' - CAG AAG CTG ATG ACT CCG GAT CTT ATC - 3'
PAC-AP1mut	5' - CAG AAG CTG ATG <u>TCT CGA</u> GAT CTT ATC - 3'
<b>Mutagenesis</b>	
mutAP1(-448)	5' - GAT GGG TCA TTG GTG <u>GCG</u> GGT <u>TGG</u> GTA CCA TGT AAA AAG AAG CAG G - 3'
mutAP1(-275)	5' - GGT GTT TAT CAG AAG CTG ATG <u>TCT CGA</u> GAT CTT ATC ATC CTG G - 3'
mutCRE(-179)	5' - CTG ATA CCG GAT <u>CCT</u> <u>TTG</u> GTG ACT GGG AAA AAA GG - 3'
<b>ChIP</b>	
AP1/CRE (-308/-168)	forward 5' - TTG TGT GAG TGA AAG GTG TTT ATC AGA - 3'
	reverse 5' - CCA GTC ACG TAA TGA TCC GGT AT - 3'
5'-Promoter (-2787/-2658)	forward 5' - TTT TCC ACA ACC TTC CTC AAT TTC - 3'
	reverse 5' - GTG CTT GGT GTC TGG AGA TCA G - 3'