

Table S1: Primers used in the experiments.

Primers	5' -> 3' Sequence
FP3	<u>GCTGTGTTAGACGGTCGC</u> <u>ATGGTCTTCACACTCGAAG</u>
RP1	GGTCAGGTTGTATCCCTTCAT <u>ATTCATACGGGATGATGACATG</u>
FP2	<u>CATGTCATCATCCCGTATGAA</u> TGAAGGGATACAACCTGACC
RP3	<u>CTTCGAGTGTGAAGACCAT</u> GCGACCGTCTAACACAGC
FP4	<u>GAGGCTTGCCCTTCCTGTT</u> <u>ATGGTCTTCACACTCGAAG</u>
RP4	GGTCAGGTTGTATCCCTTCAT <u>TTACGCCAGAATGCGTTTCG</u>
FP5	<u>CGAACGCATTCTGGCGTAA</u> TGAAGGGATACAACCTGACC
RP5	<u>CTTCGAGTGTGAAGACCAT</u> AACAGGAAGGGGAAGCCTC
221	ATTGTCGACACCGAAGTGCCGTA
946	ATGGTCTTCACACTCGAAGA
947	CGCCAGAATGCGTTTCGCACA
1048	GGTCTGAGCGGCGAC
Luc-For	<i>cta</i> <u>TCTAG</u> <i>ATG GGG GGT CTG AGC GGC GAC</i> <i>XbaI M G G L S G D</i>
Luc-Rev	<u>AGT</u> <u>GAGCTC</u> <u>CACAGATCCTCTTCGGATATCAGCTTTTGTTC</u> <u>GCTGCCGCGCCAG</u> CGCCAGAATGCG <i>SacI myc tag linker C66Luc end</i>

Underlined sequences are complementary to NanoLuciferase sequence.