Table S1. Primers used in this paper

Primer Name	Purpose	Primer sequence	Tm (⁰C)	Product length (bp)
Forward Fragment 1	Luciferase assay	gagctcGACACGAGCTCAGTCAG	62.40	1990
Forward Fragment 2	Luciferase assay	gagctcCCAAATCTAGAAAGCTCCAAGACAG	62.12	1690
Forward Fragment 3	Luciferase assay	gagctcCGGTTACTTGTAAGGCTGGAGGT	65.68	1370
Forward Fragment 4	Luciferase assay	gagctcCCCTGGCCAGCACATCAGTGGAA	70.45	1047
Forward Fragment 5	Luciferase assay	gagctcCACCCCCAGGGTTATTTTTG	62.41	801
Forward Fragment 6	Luciferase assay	gagctcCTTCCCTCCCTGTCTCCACCCCT	71.24	504
Forward Fragment 7	Luciferase assay	gagctcCAAACTACAATTCCCGGCGATC	63.66	259
Reverse TORC2	Luciferase assay	aagcttGTGTCAAGCTTCAGCGCGATCTTCTCA	66.25	For all fragments
C/EBPγ-Bos-225 F	Interference	CCGGGCGUGAACGGAAUAATT		
C/EBPγ-Bos-225 R	Interference	UUAUUCCGUUCACGCCCGGTT		
C/EBPγ-Bos-358 F	Interference	GCUCACCCAUGGAUCGCAATT		
C/EBPγ-Bos-358 R	Interference	UUGCGAUCCAUGGGUGAGCTT		
ZNF263-Bos-416 F	Interference	GCUUCAGACGGUUCCGCUUTT		
ZNF263-Bos-416 F	Interference	AAGCGGAACCGUCUGAAGCTT		
ZNF263-Bos-639 F	Interference	GGAUAUGCAGAAAGAACUUTT		
ZNF263-Bos-639 F	Interference	AAGUUCUUUCUGCAUAUCCTT		
INSM1-Bos-933 F	Interference	GCUCAAGAUCAAGGAGGGUTT		
INSM1-Bos-933 R	Interference	ACCCUCCUUGAUCUUGAGCTT		
INSM1-Bos-1424 F	Interference	CCGAGGACCUACUGGCCUUTT		
INSM1-Bos-1424 R	Interference	AAGGCCAGUAGGUCCUCGGTT		
XBP1-Bos-337 F	Interference	GGAGCAACAAGUGGUAGAUTT		
XBP1-Bos-337 R	Interference	AUCUACCACUUGUUGCUCCTT		
XBP1-Bos-460 F	Interference	GGAUGCCCUAGUGACUGAATT		
XBP1-Bos-460 R	Interference	UUCAGUCACUAGGGCAUCCTT		
XBP1 F	Mutation	GGCTGTTAAAGAGTCGTACAAACAAACTA	56.48	500
XBP1 R	Mutation	GTACGACTCTTTAACAGCCCCAGTCACGC	64.96	500
C/EBPγ F	Mutation	GTTTCCTCTCTCGTAGGTCGTGACTGGGG	65.94	500
C/EBPγ R	Mutation	GACCTACGAGAGAGGAAACGGACACCATT	65.94	500
INSM1 F	Mutation	TCGTATTGCGTGACTATCTCTGTTAAAGA	56.69	500
INSM1 R	Mutation	AGATAGTCACGCAATACGAGAGAGGAAAC	59.43	500
ZNF263 F	Mutation	GGGAGGAACCAACAGCATGGAGCAAAATC	64.04	500
ZNF263 R	Mutation	CATGCTGTTGGTTCCTCCCTGCGTGGAGG	69.48	500
C/EBPγ F non- biotinated	Probe	CCGTTTCCTCTCTCGTATTGCGTGACTGGGGCTC	69.84	
C/EBPγ R non- biotinated	Probe	GAGCCCCAGTCACGCAATACGAGAGAGGAAACGG	69.84	
C/EBPγ F Mutated	Probe	CCGTTTCCTCTCTCGTAGGTCGTGACTGGGGCTC	70.89	
C/EBPγ R Mutated	Probe	GAGCCCCAGTCACGACCTACGAGAGAGGAAACGG	70.89	
XBP1 F non- biotinated	Probe	GGGGCTGTTAAAGAGTCACGTAAACAAACTACAA	61.23	
XBP1 R non- biotinated	Probe	TTGTAGTTTGTTTACGTGACTCTTTAACAGCCCC	61.23	
XBP1 F Mutatated	Probe	GGGGCTGTTAAAGAGTCGTACAAACAAACTACAA	61.23	
XBP1 R Mutatated	Probe	TTGTAGTTTGTTTGTACGACTCTTTAACAGCCCC	61.23	
INSM1 F non- biotinated	Probe	TCTCGTATTGCGTGACTGGGGCTGTTAAAGAGTC	65.76	
INSM1 R non- biotinated	Probe	GACTCTTTAACAGCCCCAGTCACGCAATACGAGA	65.76	
INSM1 F Mutated	Probe	TCTCGTATTGCGTGACTATCTCTGTTAAAGAGTC	59.97	
INSM1 R Mutated	Probe	GACTCTTTAACAGAGATAGTCACGCAATACGAGA	59.97	
ZNF263 F non- biotinated	Probe	CAGGGAGGAACCAACAGGGAGGAGCAAAATCCCG	70.35	
ZNF263 R non- biotinated	Probe	CGGGATTTTGCTCCTCCCTGTTGGTTCCTCCCTG	70.35	
ZNF263 F Mutated	Probe	CAGGGAGGAACCAACAGCATGGAGCAAAATCCCG	69.20	
ZNF263 R Mutated	Probe	CGGGATTTTGCTCCATGCTGTTGGTTCCTCCCTG	69.20	
C/EBPγ F biotinated	Probe	CCGTTTCCTCTCTCGTATTGCGTGACTGGGGCTC	69.84	
C/EBPγ R biotinated	Probe	GAGCCCCAGTCACGCAATACGAGAGAGGAAACGG	69.84	
XBP1 F biotinated	Probe	GGGGCTGTTAAAGAGTCACGTAAACAAACTACAA	61.23	
XBP1 R biotinated	Probe	TTGTAGTTTGTTTACGTGACTCTTTAACAGCCCC	61.23	
INSM1 F biotinated	Probe	TCTCGTATTGCGTGACTGGGGCTGTTAAAGAGTC	65.76	
INSM1 R biotinated	Probe	GACTCTTTAACAGCCCCAGTCACGCAATACGAGA	65.76	
ZNF263 F biotinated	Probe	CAGGGAGGAACCAACAGGGAGGAGCAAAATCCCG	70.35	
ZNF263 R biotinated	Probe	CGGGATTTTGCTCCTCCCTGTTGGTTCCTCCCTG	70.35	
R1-RACE *TORC2*	Probe	CCCTCACCCGGGTGGAGCCGATGTC	78	266
R2-RACE *TORC2*	Probe	GCGTTCCGCCTCTTTCGCTACGGCT	75	359
TORC2 F	Expression	GAGGAGGTGATGATGGAC	52.05	138
TORC2 R	Expression	GCTCTGGAACTCGGCTAG	55.57	138
C/EBPγ F	Expression	CTGGAGGGGCCAGGTACA	60.22	

C/EBPγ R	Expression	ATACTCAGGCTCATGCCAGC	57.62	
XBP1 F	Expression	AAGCCAAAGTAGAGGGGGTGTG	59.71	
XBP1 R	Expression	CTGGGATGCTGAGAAGGGAAAA	57.23	
INSM1 F	Expression	CACATCAACAAGTGCCACCC	57.22	
INSM1 R	Expression	AGCGGAGACCACACTTTCAC	57.80	
ZNF263 F	Expression	GCAAAGGATTAGCATAAAACTGAAAA	51.41	
ZNF263 R	Expression	AGGACAGAATAAGGCACCCACA	58.38	
GAPDH F	Expression	AGTTCAACGGCACAGTCAAGG	58.09	124
GAPDH R	Expression	ACCACATACTCAGCACCAGCA	58.98	124
CDK1 F	Expression	AGTGGAAACCAGGAAGCTTAG		
CDK1 R	Expression	ATTCGTTTGGCAGGATCATAGA		
CDK2 F	Expression	GGGTCCCTGTTCGTACTTATAC		
CDK2 R	Expression	CCACTGCTGTGGAGTAGTATTT		
PCNA F	Expression	CCTTGGTGCAGCTAACCCTT		
PCNA R	Expression	TTGGACATGCTGGTGAGGTT		
SREBP-1 F	Expression	CAATGTGTGAGAAGGCCAGT		
SREBP-1 R	Expression	ACAAGGAGCAGGTCACACAG		
ACCα F	Expression	CTCCAACCTCAACCACTACGG		
ACCα R	Expression	GGGGAATCACAGAAGCAGCC		
PPARγ F	Expression	GAGATCACAGAGTACGCCAAG		
PPARγ R	Expression	GGGCTCCATAAAGTCACCAA		
CEBPα F	Expression	ATCTGCGAACACGAGACG		
CEBPα R	Expression	CCAGGAACTCGTCGTTGAA		
ELOVL6 F	Expression	CGTAGCGACTCCGAAGATCA		
ELOVL6 R	Expression	ACAGGGCGGAAAACAGGAAA		
PLIN2 F	Expression	CTGTCTACCAAGCTCTGCTC		
PLIN2 R	Expression	CGATGCTTCTCTTCCACTCC		
P27 F	Expression	AGATGTCAAACGTGCGAGTG		
P27 R	Expression	GCCAAAGAGGTTTCTGCAAG		
P21 F	Expression	GACCAGCATGACAGATTTCTACCA		
P21 R	Expression	TGAAGGCCCAAGGCAAAAG		
Mcm6 F	Expression	TCTTCATGGAGGATTACAGTGCG		
Mcm6 R	Expression	CGAGATTGACATCAGGTGTTTCC		
TORC2 F	CDS cloning	GTTTAAACTTAAGCTTATGGCGACGTCGGGAGCG		
TORC2 R	CDS cloning	GCCCTCTAGACTCGAGTCACTGCAGCCGGTCACTG		

Table S2. Comparative transcriptional variation of different fragments with activity of pGL3-basic vector analyzed through Tukey's multiple comparison test.

Fragments comparisons	Mean variation	95% CI of diff.	Significance	Summary
PGL3-Basic vs. -69/+190	-10.45	-36.64 to 15.75	No	Ns
PGL3-Basic vs. -314/+190	-71.54	-97.73 to -45.34	Yes	****
PGL3-Basic vs. -611/+190	-81.60	-107.8 to -55.40	Yes	****
PGL3-Basic vs. -857/+190	-31.65	-57.85 to -5.458	Yes	*
PGL3-Basic vs. -1180/+190	-49.57	-75.76 to -23.37	Yes	***
PGL3-Basic vs. -1500/+190	-32.07	-58.26 to -5.871	Yes	*
PGL3-Basic vs. -1800/+190	-44.60	-70.79 to -18.40	Yes	***