

Supplementary Table 1

Gene Ontology (GO) Categories of Induced Genes

(Highlighted GO classes are associated with the uniquely induced BDNF + Dex induced genes. Fold enrichment of actual over expected probes sets is shown. The number of associated genes is in parentheses.)

Classes	Dex-Induced	BDNF-Induced	BDNF+Dex -Induced (Total)	BDNF+Dex -Induced (Unique)
GO:0000122~negative regulation of transcription from RNA polymerase II promoter			2.0	2.4
GO:0000165~MAPKKK cascade		2.7	2.0	
GO:0000186~activation of MAPKK activity		5.5		
GO:0000188~inactivation of MAPK activity		11.1		
GO:0001501~skeletal system development		3.1	1.7	
GO:0001503~ossification		3.8		
GO:0001558~regulation of cell growth	2.7		2.1	
GO:0001568~blood vessel development		2.3	2.0	2.2
GO:0001570~vasculogenesis		4.6	4.0	4.9
GO:0001649~osteoblast differentiation		5.0		
GO:0001655~urogenital system development		3.2	2.2	
GO:0001656~metanephros development		5.1		
GO:0001657~ureteric bud development		5.2		
GO:0001701~in utero embryonic development		2.2	1.8	
GO:0001708~cell fate specification		3.8		
GO:0001763~morphogenesis of a branching structure		4.4		
GO:0001822~kidney development		3.0	2.4	
GO:0001838~embryonic epithelial tube formation		4.6		
GO:0001841~neural tube formation		4.1		
GO:0001843~neural tube closure		5.2		
GO:0001890~placenta development		2.9	2.3	
GO:0001892~embryonic placenta development		3.8		
GO:0001944~vasculature development		2.3	2.1	2.4
GO:0002009~morphogenesis of an epithelium		3.7		
GO:0002053~positive regulation of mesenchymal cell proliferation		7.9		
GO:0002237~response to molecule of bacterial origin	3.1	3.2		
GO:0003002~regionalization			2.2	
GO:0003006~reproductive developmental process		2.3		
GO:0003013~circulatory system process				2.7 (9)
GO:0006071~glycerol metabolic process	10.7			
GO:0006275~regulation of DNA replication		4.4		
GO:0006350~transcription	1.7	1.6	1.4	
GO:0006355~regulation of transcription, DNA-dependent			1.5	1.6
GO:0006357~regulation of transcription from RNA polymerase II promoter		1.6	1.7	1.7
GO:0006468~protein amino acid phosphorylation	1.8		1.6	1.7
GO:0006469~negative regulation of protein kinase activity		4.8	2.7	
GO:0006470~protein amino acid dephosphorylation			2.2	
GO:0006541~glutamine metabolic process			4.9	
GO:0006606~protein import into nucleus		3.5		
GO:0006692~prostanoid metabolic process			4.9	
GO:0006693~prostaglandin metabolic process			4.9	
GO:0006790~sulfur metabolic process	3.1			
GO:0006793~phosphorus metabolic process	1.6	1.4	1.5	1.8
GO:0006796~phosphate metabolic process	1.6	1.4	1.5	1.8
GO:0006829~zinc ion transport				8.2 (3)
GO:0006875~cellular metal ion homeostasis	2.6			
GO:0006915~apoptosis	2.0			

GO:0006917~induction of apoptosis	2.7		1.7	
GO:0006928~cell motion		2.1		
GO:0006940~regulation of smooth muscle contraction			3.3	5.8
GO:0007010~cytoskeleton organization		1.8		
GO:0007155~cell adhesion		2.1		
GO:0007156~homophilic cell adhesion		3.4		
GO:0007166~cell surface receptor linked signal transduction		1.6	1.6	
GO:0007167~enzyme linked receptor protein signaling pathway	2.5	2.7	2.4	2.3
GO:0007169~transmembrane receptor protein tyrosine kinase signaling pathway		2.5	2.4	2.6
GO:0007178~transmembrane receptor protein serine/threonine kinase signaling pathway		3.1	2.8	
GO:0007179~transforming growth factor beta receptor signaling pathway	6.2	4.0	4.0	
GO:0007186~G-protein coupled receptor protein signaling pathway			1.5	
GO:0007204~elevation of cytosolic calcium ion concentration	3.9			
GO:0007218~neuropeptide signaling pathway		3.2		
GO:0007242~intracellular signaling cascade	2.0	1.6	1.5	1.5
GO:0007243~protein kinase cascade	2.4	1.9	1.6	
GO:0007267~cell-cell signaling		2.4		
GO:0007268~synaptic transmission		2.3		
GO:0007389~pattern specification process		2.0	2.0	2.4
GO:0007409~axonogenesis				2.3 (9)
GO:0007423~sensory organ development				2.3 (11)
GO:0007507~heart development	2.7		1.8	
GO:0007548~sex differentiation		2.5		
GO:0007565~female pregnancy		3.1	2.6	
GO:0007610~behavior		2.0		
GO:0007611~learning or memory		3.4		
GO:0007613~memory		3.6		
GO:0007623~circadian rhythm		3.9		
GO:0008015~blood circulation				2.7 (9)
GO:0008284~positive regulation of cell proliferation		2.5	1.6	
GO:0008285~negative regulation of cell proliferation	2.4	2.7	2.0	
GO:0008361~regulation of cell size	2.5	2.1	1.8	
GO:0009101~glycoprotein biosynthetic process		2.7		
GO:0009266~response to temperature stimulus		2.7		
GO:0009611~response to wounding		1.9		
GO:0009612~response to mechanical stimulus		5.1	3.2	
GO:0009617~response to bacterium		2.4		
GO:0009628~response to abiotic stimulus	2.0	1.9	1.6	
GO:0009636~response to toxin		3.6		
GO:0009719~response to endogenous stimulus	1.9	2.2	1.6	
GO:0009725~response to hormone stimulus	2.0	2.4	1.7	
GO:0009792~embryonic development ending in birth or egg hatching		2.2	1.9	2.1
GO:0009890~negative regulation of biosynthetic process		2.0	1.6	
GO:0009891~positive regulation of biosynthetic process	1.7	2.0	1.6	
GO:0009952~anterior/posterior pattern formation			2.2	2.7
GO:0009967~positive regulation of signal transduction			1.6	
GO:0009968~negative regulation of signal transduction			2.0	2.9
GO:0010033~response to organic substance	1.5	1.9	1.3	
GO:0010464~regulation of mesenchymal cell proliferation		7.5		
GO:0010557~positive regulation of macromolecule biosynthetic process	1.6	2.1	1.7	
GO:0010558~negative regulation of macromolecule biosynthetic process		2.0	1.6	
GO:0010562~positive regulation of phosphorus metabolic process		2.7		
GO:0010604~positive regulation of macromolecule metabolic process	1.7	1.9	1.7	1.5
GO:0010605~negative regulation of macromolecule metabolic process		1.6	1.3	

GO:0010628~positive regulation of gene expression	1.9	2.1	1.9	
GO:0010629~negative regulation of gene expression		1.8	1.5	
GO:0010647~positive regulation of cell communication			1.6	
GO:0010648~negative regulation of cell communication			2.2	2.7
GO:0010720~positive regulation of cell development			2.5	3.1
GO:0010941~regulation of cell death	1.7	1.6		
GO:0010942~positive regulation of cell death	2.2			
GO:0012501~programmed cell death	2.0			
GO:0012502~induction of programmed cell death	2.7		1.7	
GO:0014020~primary neural tube formation		5.0		
GO:0014031~mesenchymal cell development		5.2		
GO:0014032~neural crest cell development		5.5		
GO:0014033~neural crest cell differentiation		5.5		
GO:0014070~response to organic cyclic substance		2.6		
GO:0016202~regulation of striated muscle tissue development		6.6	3.1	
GO:0016310~phosphorylation	1.6		1.4	
GO:0016311~dephosphorylation			2.1	
GO:0016331~morphogenesis of embryonic epithelium		4.5		
GO:0016337~cell-cell adhesion		2.9		
GO:0016477~cell migration		2.0		
GO:0016481~negative regulation of transcription		1.9	1.7	
GO:0017015~regulation of transforming growth factor beta receptor signaling pathway			3.9	
GO:0019220~regulation of phosphate metabolic process		2.2	1.5	
GO:0019226~transmission of nerve impulse		2.0		
GO:0019229~regulation of vasoconstriction	6.4		4.7	
GO:0019400~alditol metabolic process	9.0			
GO:0019932~second-messenger-mediated signaling	3.4		1.9	
GO:0019933~cAMP-mediated signaling	4.6			
GO:0019935~cyclic-nucleotide-mediated signaling	4.2			
GO:0021537~telencephalon development			2.6	3.7
GO:0021546~rhombomere development			10.4	
GO:0021872~generation of neurons in the forebrain				9.4 (3)
GO:0021879~forebrain neuron differentiation				11.0 (3)
GO:0021915~neural tube development		4.1		
GO:0021936~regulation of granule cell precursor proliferation		11.1		
GO:0021940~positive regulation of granule cell precursor proliferation		11.1		
GO:0021952~central nervous system projection neuron axonogenesis		9.1		
GO:0022604~regulation of cell morphogenesis			2.0	
GO:0022610~biological adhesion		2.1		
GO:0022612~gland morphogenesis		3.6		
GO:0030001~metal ion transport	1.8		1.5	
GO:0030029~actin filament-based process		2.4		
GO:0030030~cell projection organization		1.7		
GO:0030036~actin cytoskeleton organization		2.3		
GO:0030111~regulation of Wnt receptor signaling pathway			3.6	5.0
GO:0030178~negative regulation of Wnt receptor signaling pathway			4.7	8.0
GO:0030182~neuron differentiation				1.8 (17)
GO:0030202~heparin metabolic process	57.3			
GO:0030203~glycosaminoglycan metabolic process	5.1			
GO:0030278~regulation of ossification		4.3	2.4	3.9
GO:0030282~bone mineralization		11.1		
GO:0030308~negative regulation of cell growth	3.6			
GO:0030323~respiratory tube development		3.1	2.1	
GO:0030324~lung development		3.1		

GO:0030326~embryonic limb morphogenesis		4.0		
GO:0030334~regulation of cell migration		3.3	1.9	
GO:0030335~positive regulation of cell migration		2.7		
GO:0030336~negative regulation of cell migration		5.6	3.1	
GO:0030431~sleep			8.3	
GO:0030574~collagen catabolic process		10.0		
GO:0030879~mammary gland development		3.5		3.1
GO:0031128~developmental induction			6.5	8.2
GO:0031175~neuron projection development				2.1 (12)
GO:0031214~biomineral formation		6.1	3.8	
GO:0031327~negative regulation of cellular biosynthetic process		2.1	1.7	
GO:0031328~positive regulation of cellular biosynthetic process	1.7	2.0	1.6	
GO:0031344~regulation of cell projection organization				2.8
GO:0031346~positive regulation of cell projection organization				3.7
GO:0031644~regulation of neurological system process		2.8	2.0	
GO:0031960~response to corticosteroid stimulus	4.8	3.9	2.9	
GO:0032147~activation of protein kinase activity		3.0		
GO:0032496~response to lipopolysaccharide	3.4	3.5		
GO:0032535~regulation of cellular component size	2.2	2.1		
GO:0032570~response to progesterone stimulus			6.0	8.5
GO:0033673~negative regulation of kinase activity		4.5	2.6	
GO:0034097~response to cytokine stimulus	3.6	3.2		
GO:0034504~protein localization in nucleus		3.1		
GO:0035107~appendage morphogenesis		3.5		
GO:0035108~limb morphogenesis		3.5		
GO:0035113~embryonic appendage morphogenesis		4.0		
GO:0035148~tube lumen formation		4.3		
GO:0035239~tube morphogenesis		4.0	2.2	
GO:0035282~segmentation		4.7		
GO:0035295~tube development		3.5	2.2	
GO:0040007~growth		2.4		
GO:0040008~regulation of growth	2.3		1.6	
GO:0040012~regulation of locomotion		3.2		
GO:0040013~negative regulation of locomotion		5.2	2.8	
GO:0040017~positive regulation of locomotion		2.8		
GO:0042063~gliogenesis		3.8		
GO:0042127~regulation of cell proliferation	2.0	2.3	1.6	
GO:0042325~regulation of phosphorylation		2.2		
GO:0042445~hormone metabolic process		2.5		
GO:0042471~ear morphogenesis			2.8	4.3
GO:0042472~inner ear morphogenesis		3.8		
GO:0042981~regulation of apoptosis	1.6	1.6		
GO:0043009~chordate embryonic development		2.3	1.8	2.1
GO:0043065~positive regulation of apoptosis	2.3			
GO:0043066~negative regulation of apoptosis		1.9		
GO:0043067~regulation of programmed cell death	1.7	1.6		
GO:0043068~positive regulation of programmed cell death	2.2			
GO:0043069~negative regulation of programmed cell death		1.9		
GO:0043086~negative regulation of catalytic activity		1.9		
GO:0043405~regulation of MAP kinase activity		2.5	2.1	
GO:0043407~negative regulation of MAP kinase activity		5.7	3.6	
GO:0043434~response to peptide hormone stimulus		2.5		
GO:0043549~regulation of kinase activity		2.4		
GO:0043583~ear development		2.9	2.9	4.4

GO:0043627~response to estrogen stimulus			1.9	2.8
GO:0044057~regulation of system process		2.2	1.8	
GO:0044236~multicellular organismal metabolic process		5.3		
GO:0045137~development of primary sexual characteristics		2.4		
GO:0045165~cell fate commitment		2.7	2.6	2.7
GO:0045168~cell-cell signaling involved in cell fate specification			6.5	8.2
GO:0045449~regulation of transcription		1.4	1.4	1.3
GO:0045596~negative regulation of cell differentiation			1.7	2.3
GO:0045597~positive regulation of cell differentiation		2.1	1.7	2.0
GO:0045598~regulation of fat cell differentiation			5.2	11.0
GO:0045666~positive regulation of neuron differentiation		5.1		
GO:0045667~regulation of osteoblast differentiation		4.0		
GO:0045669~positive regulation of osteoblast differentiation		5.5		
GO:0045740~positive regulation of DNA replication		5.4		
GO:0045765~regulation of angiogenesis			3.1	
GO:0045766~positive regulation of angiogenesis			4.6	6.5
GO:0045767~regulation of anti-apoptosis		4.5	4.5	5.9
GO:0045768~positive regulation of anti-apoptosis		5.9	5.9	7.8
GO:0045843~negative regulation of striated muscle development		10.0		
GO:0045859~regulation of protein kinase activity		2.5		
GO:0045892~negative regulation of transcription, DNA-dependent		1.9	1.9	2.1
GO:0045893~positive regulation of transcription, DNA-dependent		1.7	1.6	
GO:0045907~positive regulation of vasoconstriction			4.9	
GO:0045926~negative regulation of growth	3.4		2.2	
GO:0045933~positive regulation of muscle contraction			4.3	7.3
GO:0045934~negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process		1.9	1.6	
GO:0045935~positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process	1.8	2.1	1.8	
GO:0045937~positive regulation of phosphate metabolic process		2.7		
GO:0045941~positive regulation of transcription	1.9	2.2	1.9	
GO:0045944~positive regulation of transcription from RNA polymerase II promoter		2.0	1.7	
GO:0045987~positive regulation of smooth muscle contraction			4.9	8.3
GO:0046620~regulation of organ growth		6.4	4.0	
GO:0046777~protein amino acid autophosphorylation				3.5
GO:0048008~platelet-derived growth factor receptor signaling pathway			4.9	
GO:0048146~positive regulation of fibroblast proliferation		4.9		
GO:0048167~regulation of synaptic plasticity		4.5	2.6	
GO:0048168~regulation of neuronal synaptic plasticity		4.7		
GO:0048511~rhythmic process		2.6	2.3	2.5
GO:0048514~blood vessel morphogenesis		2.5	2.1	2.5
GO:0048545~response to steroid hormone stimulus	2.8	2.3	2.0	
GO:0048562~embryonic organ morphogenesis		3.1		
GO:0048568~embryonic organ development		3.1	1.9	
GO:0048589~developmental growth		2.8		
GO:0048598~embryonic morphogenesis		2.7	1.7	1.9
GO:0048608~reproductive structure development		2.7		
GO:0048634~regulation of muscle development		6.3	3.0	
GO:0048635~negative regulation of muscle development		8.3		
GO:0048645~organ formation		11.1		
GO:0048660~regulation of smooth muscle cell proliferation		4.6		
GO:0048661~positive regulation of smooth muscle cell proliferation		5.0		
GO:0048666~neuron development				2.1
GO:0048729~tissue morphogenesis		3.2	1.9	
GO:0048732~gland development		2.7		
GO:0048736~appendage development		3.7		

GO:0048745~smooth muscle tissue development		9.1		
GO:0048754~branching morphogenesis of a tube		4.6		
GO:0048762~mesenchymal cell differentiation		5.8		
GO:0048812~neuron projection morphogenesis				2.2
GO:0048870~cell motility		1.9		
GO:0050767~regulation of neurogenesis				2.3
GO:0050801~ion homeostasis	1.9			
GO:0050804~regulation of synaptic transmission		3.1	2.1	
GO:0050877~neurological system process		1.8		
GO:0050886~endocrine process			4.1	
GO:0050890~cognition		1.7		
GO:0051094~positive regulation of developmental process	2.0	2.3	1.9	2.4
GO:0051130~positive regulation of cellular component organization				2.3 (9)
GO:0051169~nuclear transport			2.0	
GO:0051170~nuclear import		3.3	2.8	
GO:0051172~negative regulation of nitrogen compound metabolic process		1.9	1.7	
GO:0051173~positive regulation of nitrogen compound metabolic process	1.8	2.0	1.7	
GO:0051174~regulation of phosphorus metabolic process		2.2	1.5	
GO:0051216~cartilage development		3.6		
GO:0051252~regulation of RNA metabolic process			1.5	1.6
GO:0051253~negative regulation of RNA metabolic process		1.9	1.9	2.0
GO:0051254~positive regulation of RNA metabolic process		1.8	1.7	
GO:0051270~regulation of cell motion		3.1		
GO:0051271~negative regulation of cell motion		5.7	2.8	
GO:0051338~regulation of transferase activity		2.3		
GO:0051348~negative regulation of transferase activity		4.3	2.7	
GO:0051384~response to glucocorticoid stimulus	5.1	3.8	3.1	
GO:0051385~response to mineralocorticoid stimulus		7.5	6.6	
GO:0051412~response to corticosterone stimulus		7.4	8.1	
GO:0051480~cytosolic calcium ion homeostasis	3.5			
GO:0051591~response to cAMP		5.4	3.3	
GO:0051674~localization of cell		1.9		
GO:0051726~regulation of cell cycle	2.3	2.3	1.9	
GO:0051960~regulation of nervous system development			1.7	2.3
GO:0051969~regulation of transmission of nerve impulse		2.9	2.1	
GO:0055021~regulation of cardiac muscle growth		12.1		
GO:0055024~regulation of cardiac muscle tissue development		12.1		
GO:0055065~metal ion homeostasis	2.5			
GO:0060021~palate development		5.2	3.9	
GO:0060043~regulation of cardiac muscle cell proliferation		12.1		
GO:0060045~positive regulation of cardiac muscle cell proliferation		16.6	10.4	
GO:0060173~limb development		3.7		
GO:0060284~regulation of cell development			1.7	2.2
GO:0060348~bone development		3.7		
GO:0060395~SMAD protein signal transduction		26.6	12.4	
GO:0060420~regulation of heart growth		11.1		
GO:0060429~epithelium development		3.2		
GO:0060485~mesenchyme development		5.6		
GO:0060512~prostate gland morphogenesis		5.8		
GO:0060541~respiratory system development		3.3	2.1	
GO:0060548~negative regulation of cell death		1.9		
GO:0060562~epithelial tube morphogenesis		4.4		
GO:0060602~branch elongation of an epithelium		11.1		
GO:0060606~tube closure		5.2		

Supplementary Table 2

Gene Ontology (GO) Categories of Repressed Genes

(Fold enrichment of actual over expected probes sets is shown)

Classes	Dex-Repressed	BDNF-Repressed	BDNF+Dex -Repressed (Total)	BDNF+Dex -Repressed (Unique)
GO:0000904~cell morphogenesis involved in differentiation	2.8		2.8	
GO:0001709~cell fate determination	2.4		2.4	2.7
GO:0001764~neuron migration	8.4		8.4	8.3
GO:0006350~transcription	5.0		5.0	
GO:0006355~regulation of transcription, DNA-dependent	2.0		2.0	2.0
GO:0006357~regulation of transcription from RNA polymerase II promoter	2.3	1.8	2.3	2.0
GO:0006928~cell motion	1.9		1.9	
GO:0007218~neuropeptide signaling pathway	2.1		2.1	
GO:0007389~pattern specification process	3.7		3.7	
GO:0007409~axonogenesis	2.4		2.4	
GO:0007411~axon guidance	2.9		2.9	3.1
GO:0009057~macromolecule catabolic process	3.7		3.7	
GO:0009890~negative regulation of biosynthetic process		2.8		
GO:0010558~negative regulation of macromolecule biosynthetic process	2.1		2.1	
GO:0010605~negative regulation of macromolecule metabolic process	2.2		2.2	
GO:0010628~positive regulation of gene expression	1.7		1.7	
GO:0010629~negative regulation of gene expression	1.8		1.8	
GO:0016051~carbohydrate biosynthetic process	2.1		2.1	
GO:0016477~cell migration		5.9		
GO:0016481~negative regulation of transcription	2.1		2.1	
GO:0021537~telencephalon development	2.3		2.3	
GO:0021543~pallium development	3.7		3.7	
GO:0021846~cell proliferation in forebrain	3.8		3.8	
GO:0021954~central nervous system neuron development	8.8		8.8	
GO:0030030~cell projection organization	5.1		5.1	
GO:0030182~neuron differentiation	1.8		1.8	
GO:0030900~forebrain development	2.1		2.1	
GO:0030968~endoplasmic reticulum unfolded protein response	2.6		2.6	
GO:0031175~neuron projection development	7.6		7.6	11.1
GO:0031327~negative regulation of cellular biosynthetic process	2.0		2.0	
GO:0032990~cell part morphogenesis	2.1		2.1	
GO:0034620~cellular response to unfolded protein	2.2		2.2	
GO:0042490~mechanoreceptor differentiation	7.6		7.6	11.1
GO:0045165~cell fate commitment	6.3		6.3	
GO:0045449~regulation of transcription	3.0		3.0	
GO:0045597~positive regulation of cell differentiation	2.1			
GO:0045664~regulation of neuron differentiation		2.0	2.1	1.9
GO:0045667~regulation of osteoblast differentiation	1.9		1.9	
GO:0045892~negative regulation of transcription, DNA-dependent	2.5		2.5	
GO:0045893~positive regulation of transcription, DNA-dependent		9.8		
GO:0045934~negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process	2.5		2.5	2.5
GO:0045935~positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process	1.9		1.9	
GO:0045941~positive regulation of transcription	2.2		2.2	
GO:0048663~neuron fate commitment	1.5		1.5	
GO:0048666~neuron development	1.7		1.7	
GO:0048667~cell morphogenesis involved in neuron differentiation	5.1		5.1	
GO:0048812~neuron projection morphogenesis	1.8		1.8	
GO:0048839~inner ear development	2.7		2.7	2.8

GO:0048858~cell projection morphogenesis	2.5		2.5	2.6
GO:0048870~cell motility	3.3		3.3	
GO:0050767~regulation of neurogenesis	2.3		2.3	
GO:0051172~negative regulation of nitrogen compound metabolic process	1.9		1.9	
GO:0051252~regulation of RNA metabolic process	2.4		2.4	
GO:0051253~negative regulation of RNA metabolic process	2.2		2.2	
GO:0051254~positive regulation of RNA metabolic process	2.2	1.8	2.2	2.0
GO:0051674~localization of cell	2.5		2.5	2.5
GO:0051789~response to protein stimulus	1.9		1.9	
GO:0051960~regulation of nervous system development	1.9		1.9	
GO:0060284~regulation of cell development	3.7		3.7	

Supplementary Table 3: Primers

qPCR

PRL3C1

Forward 5'-GTTCTCATCGCACCCATGTA-3'

Reverse 5'-TAGAAGTGGTGTGGCAGGTG-3'

FGF8

Forward 5'-ATGGCAGAAGACGGAGACC-3'

Reverse 5'-TTGCTCTTGGCGATTAGCTT-3'

MYOM2

Forward 5'-GCAAGTACCGGATTGAGAGC-3'

Reverse 5'-ATGGGGATTGTTGCTACTG-3'

NGFIB

Forward 5'-GGCATGGTGAAGGAAGTTGT-3'

Reverse 5'-GGGACGTGAGGAGATTGGTA-3'

AGTR1A

Forward 5'-GAGAGGATTCGTGGCTTGAG-3'

Reverse 5'-ACTCAGGGAATGTGGCAGAG-3'

SRGN

Forward 5'-GCATTGAGGAGAAAGGACCA-3'

Reverse 5'-CCGGAGCCAGAATAGTCATC-3'

ANGPTL1

Forward 5'-CCCTTTCAAGATTCCAGCAG-3'

Reverse 5'-GTGGCTGTTTTCGGGTTTAAT-3'

AVPR1A

Forward 5'-AAGCGCCTACATCCTTTGC-3'

Reverse 5'-GCCGTGATTGTGATGGAAG-3'

DUSP1

Forward 5'-AGGACAACCACAAGGCAGAC-3'

Reverse 5'-CACAAACACCCTTCCTCCAG-3'

IRX2

Forward 5'-ATCCAGACAAGGCACAGGAC-3'

Reverse 5'-GCAATTTCTCCCCATCTGAC-3'

PCDH20

Forward 5'-CATCTACATCGTCCCAGCAG-3'

Reverse 5'-CCACGAAGAGGAAAAGCAGA-3'

CRHBP

Forward 5'-TCCAATGCCACTTCACTCTG-3'

Reverse 5'-GAAAAGCAGGAAAGGGTCGT-3'

CRH

Forward 5'-AGAGAAAGGGGAAAGGCAAA-3'

Reverse 5'-GTTTAGGGGCGCTCTCTTC-3'

CRHR1

Forward 5'-GTCCCTGACCAGCAATGTTT-3'

Reverse 5'-TGTTGTAGCGGACCCGTA-3'

RPL19

Forward 5'-CACAAAGCTGAAGGCAGACAA-3'

Reverse 5'-GCGTGCTTCCTTGGTCTTAG-3'

hSGK1

Forward 5'-CCCCCTTTTAACCCAAATGT-3'

Reverse 5'-CAGGCTCTTCGGTAAACTCG-3'

hGILZ

Forward 5'-AATGCGGCCACGGATG-3'

Reverse 5'-GGACTTCACGTTTCAGTGGACA-3'

ChIP

hSGK-1

Forward 5'-TACCTCCTCACGTGTTC-3'

Reverse 5'-GTCGTCTCTGCACTAAAGG-3'

hSGK_6KB

Forward 5'-CTACTTCCCCACAAGTCCA-3'

Reverse 5'-CCACCAGAAATCCAGACTCC-3'

hGILZ-GL3

Forward 5'-GATACCAGTTAAGCTCCTGA-3'

Reverse 5'-AGGTGGGAGACAATAATGAT-3'