

Supplementary Methods: Genes evaluated by real-time PCR and reference gene sequences

Gene Name	GenBank ID	Gene Name	GenBank ID	Gene Name	GenBank ID
Neurohormones		δPKC (1, 5, 7)	NM_011103.1 NM_133307.1	Sarcoplasmic reticulum-related proteins	
Precursor ANP(14)	NM_012612.1	εPKC (8, 9, 11)	XM_237481	SERCA2a (19)	NM_017290.1
Precursor BNP(14)	NM_031545.1	ζPKC (1)	NM_022507.1	Phospholamban (19)	X71068
Angiotensinogen(14)	NM_134432.2	RACK1 (8, 23)	NM_130734	Calsequestrin-2 (19)	NM_017131.1
Angiotensin-I converting enzyme(14)	NM_012544	RACK2 (6, 8)	NM_080781	Ryanodine type-2 receptor (19)	AF011789
AT1 receptor(14)	NM_031009	RBCK1 (25)	NM_021764.1	Contractile proteins	
AT2 receptor(14)	NM_012494.1	Phosphatidylinositol 3-kinase (19)	NM_053481.1	Troponin I slow isoform (19)	NM_017184.1
Prepro-endothelin-1(14)	NM_012548.1	Akt-2 (19)	NM_017093	Troponin T2 (19)	NM_012676.1
Endothelin converting enzyme(14)	NM_053596	ERK1 (19)	NM_017347.1	Troponin C (19)	XM_214266
Endothelin type-A receptor(14)	NM_012550.1	ERK2 (19)	NM_053842.1	Oxidative stress-related proteins	
Endothelin type-B receptor(14)	NM_017333.1	P38MAPK (19)	NM_031020.1	p22phox (14)	NM_024160.1
β1-adrenergic receptor(3)	NM_012701.1	JNK (19)	NM_017322.1	p47phox (14)	NM_053734.2
Adenosine A1 receptor(19)	NM_017155.1	Calcineurin A (19)	NM_017041.1	p67phox (14)	XM_344156
Bradykinin B2 receptor(14)	NM_173100.1	Calcineurin B (19)	XM_235865	Endothelial type gp91-phox (14)	NM_023965.1
Serotonin 2B receptor(12, 16-18)	NM_017250.1	NFATc1 (19)	XM_225713	Nox1 (14)	NM_053683
Adrenomedullin(14)	NM_012715.1	JAK-2 (15)	NM_031514.1	Xanthine dehydrogenase (14)	NM_017154.1
Adrenomedullin receptor(14)	NM_053302.1	JAK-3 (15)	NM_012855.1	SOD2 (14)	NM_017051
Calcitonin receptor (14)	NM_053816.1	STAT-1 (15, 19)	NM_032612.1	Metallothionein (26)	NM_138826.2
Cytokines		STAT-3 (15, 19)	NM_012747.1	ALDH2 (4)	NM_032416
TNF-α (19)	NM_012675	Rho-associated kinase-1	NM_031098.1	Nitric oxide-related proteins	
IL-1β (19)	NM_031512.1	S6 kinase	NM_031985.1	nNOS (14)	NM_052799
IL-6 (19)	NM_012589.1	Annexin V (10, 14)	NM_013132.1	iNOS (14)	NM_012611.2
IL-6 signal transducer (19)	XM_215483	Caveolin-1 (14)	NM_031556.1	eNOS (14)	NM_021838.2
IL-6 receptor (19)	NM_017020.1	Caveolin-2 (14)	NM_131914.1	Extracellular matrix-related enzymes	
Cardiotrophin-1 (19)	NM_017129.1	Caveolin-3 (14)	NM_019155	MMP2(14)	NM_031054
Growth factors		NFκB1/p105 (20)	L26267	MMP7(14)	NM_012864.1
VEGF(21)	NM_031836.1	IκBα (20)	XM_343065	MMP13(14)	M60616
HGF(24)	NM_017017.1	RelA (20)	NM_199267	TIMP1(14)	NM_053819.1
EGF(22)	NM_012842.1	Apoptosis-related proteins		TIMP2(14)	NM_021989.2
TGF-β1 (19)	NM_021578.1	Bcl-2(14)	NM_016993	Cytoskeletal proteins	
FGF-1(13)	NM_012846	Bcl-w(14)	NM_021850.2	Dystrophin (14)	NM_012698.1
Cell signaling proteins		BAD(14)	NM_022698.1	α-tubulin (14)	NM_022298.1
αPKC (2)	X07286	BAX(14)	NM_017059	β3-tubulin (14)	NM_139254.1
βPKC (8)	NM_012713.1	Caspase-3(14)	NM_012922.1	Desmin (14)	NM_022531
β2PKC (8)	XO4440				

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