

SUPPLEMENTARY TABLE S3. A LIST OF NOMINATED GENES AS THE CANDIDATES FOR PROTEIN KINASE C DOWNSTREAM GENES

<i>Gene symbol</i>	<i>Gene name</i>	<i>PMA</i> ^a	<i>PMA + GFX</i> ^a	<i>Genbank accession</i>
<i>EGR3</i>	Early growth response 3	3.7282772	-2.463486	NM_004430
<i>EGR4</i>	Early growth response 4	3.5081131	-3.926553	NM_001965
<i>CLRN1</i>	Clarin 1	3.0495627	-0.5069914	NM_174878
<i>NPAS4</i>	Neuronal PAS domain protein 4	2.8849869	-1.0330967	NM_178864
<i>C19orf76</i>	Chromosome 19 open reading frame 76	2.6478996	-0.13748486	NM_001101340
<i>CKAP2</i>	Cytoskeleton-associated protein 2	2.6275656	-0.22221582	AK096227
<i>EGR2</i>	Early growth response 2	2.531788	-2.0751922	NM_000399
<i>FCGR1B</i>	Fc fragment of IgG, high affinity Ib, receptor (CD64)	2.4923675	-0.53094006	NM_001017986
<i>KDR</i>	Kinase insert domain receptor (a type III receptor tyrosine kinase)	2.48017	-0.07435926	NM_002253
<i>HOXD11</i>	Homeobox D11	2.476493	-0.3522482	NM_021192
<i>FOS</i>	FBJ murine osteosarcoma viral oncogene homolog	2.4373233	-2.4828014	NM_005252
<i>MAGI2-IT1</i>	MAGI2 intronic transcript 1 (nonprotein coding)	2.372587	-0.2563653	AF521131
<i>BHLHE40</i>	Basic helix-loop-helix family, member e40	2.3501017	-0.6645338	NM_003670
<i>FOSB</i>	FBJ murine osteosarcoma viral oncogene homolog B	2.271804	-1.2975746	NM_006732
<i>DUSP2</i>	Dual specificity phosphatase 2	2.2635858	-1.1383896	NM_004418
<i>TSPY2</i>	Testis-specific protein, Y-linked 2	2.118348	-0.6464141	NM_022573
<i>RRAD</i>	Ras related associated with diabetes	2.105308	-0.32972637	NM_004165
<i>JUNB</i>	Jun B proto-oncogene	1.8869429	-1.1418382	NM_002229
<i>IL7</i>	Interleukin 7	1.8681451	-0.58947295	AB102885
<i>ZFP36</i>	Zinc finger protein 36, C3H type, homolog (mouse)	1.8561277	-1.2024502	NM_003407
<i>GADD45B</i>	Growth arrest and DNA damage inducible, beta	1.8080248	-0.62991303	NM_015675
<i>THBS1</i>	Thrombospondin 1	1.7498387	-0.78193045	NM_003246
<i>EGR1</i>	Early growth response 1	1.7340802	-1.5841302	NM_001964
<i>CXCL1</i>	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	1.6786776	-1.4086958	NM_001511
<i>ARC</i>	Activity-regulated cytoskeleton-associated protein	1.5827032	-1.2997742	NM_015193
<i>JUN</i>	Jun proto-oncogene	1.4786431	-0.90563804	NM_002228
<i>GFAP</i>	Glial fibrillary acidic protein	-0.1399285	2.246711	NM_001242376
<i>FLJ40292</i>	Uncharacterized LOC643210	-0.3621338	2.7596207	NR_024341

^aThe expression levels were normalized from all DNA microarray data set (each triplicate) in the cell treated with PMA or PMA + GFX. Fold change (log10) was indicated as mean value calculated from the normalized expression levels. PMA, phorbol 12-myristate 13-acetate; GFX, GF109203X.