

Table 4. Specificity analysis of AP-1 activators

AP1	p53	Epo	Accession	Annotation
2.7	0.2	0.6	gb BC028135	Homo sapiens, purinergic receptor P2Y, G-protein coupled, 2, clone MGC:40010 IMAGE:5215817, mRNA, complete cds
1.74	0.4	0.6	ref NM_006293	Homo sapiens TYRO3 protein tyrosine kinase (TYRO3), mRNA.
9.2	0.1	0.2	ref XM_035634	Homo sapiens hypothetical protein, clone 24751 (CL24751), mRNA
3.9	0.9	0.4	ref NM_013319	Homo sapiens transitional epithelia response protein (TERE1), mRNA
2.12	0.8	0.6	gb BC001277	Homo sapiens, KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein
2.0	1.1	0.6	gb BC031027	Homo sapiens, clone MGC:32826 IMAGE:4715377, mRNA, complete cds
5.8	1	0.6	ref XM_001640	Homo sapiens Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA
15	1.5	0.9	ref XM_001640	Homo sapiens Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR), mRNA
14.1	1.6	1	ref NM_004620	Homo sapiens TNF receptor-associated factor 6 (TRAF6), mRNA
12.9	0.6	1	ref NM_002206	Homo sapiens integrin, alpha 7 (ITGA7), mRNA.
6.7	0.6	1.2	ref XM_034315	Homo sapiens B lymphoid tyrosine kinase (BLK), mRNA
30	0.8	1	gb U42594	Human fibronectin (FN1) mRNA, splice variant, partial cds
18.5	1	1.1	gb U42594	Human fibronectin (FN1) mRNA, splice variant, partial cds
10.9	1	0.6	ref NM_005252	Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS), mRNA
47.4	0.8	0.5	dbj AK027878	Homo sapiens cDNA FLJ14972 fis, clone THYRO1000715
14.9	1	0.6	gb BC001269	Homo sapiens, speckle-type POZ protein, clone MGC:5068 IMAGE:3461565, mRNA, complete cds
8.6	1	1	ref NM_000061	Homo sapiens Bruton agammaglobulinemia tyrosine kinase (BTK), mRNA.
10.2	1	0.8	ref XM_092768	1 Homo sapiens similar to dJ545L17
5.6	0.8	0.9	ref XM_012651	Homo sapiens collagen, type I, alpha 1 (CO
35	0.5	0.6	gb AF027706	Homo sapiens serine/threonine kinase RICK (RICK) mRNA, complete cds
107	0.3	0.5	ref NM_006705	Homo sapiens growth arrest and DNA-damage-inducible, gamma (GADD45G), mRNA.
26	0.3	0.6	gb BC003565	Homo sapiens, hepatocyte growth factor-regulated tyrosine kinase substrate, clone MGC:2045 IMAGE:3544197, mRNA, complete cds
4.5	0.4	1.4	ref NM_006869	Homo sapiens centaurin, alpha 1 (CENTA1), mRNA.
5.4	0.6	1.3	ref XM_012651	Homo sapiens collagen, type I, alpha 1
15.8	0.2	1.1	ref XM_001472	Homo sapiens v-jun sarcoma virus 17 oncogene
6.6	0.1	0.7	gb BC014664	Homo sapiens, nuclear receptor subfamily 2, group F, member 2, clone MGC:23125 IMAGE:4849984, mRNA, complete cds
12.3	0.1	0.9	ref NM_006117	Homo sapiens peroxisomal D3,D2-enoyl-CoA isomerase (PECI), mRNA
1.6	0.2	1.1	ref NM_007011	Homo sapiens abhydrolase domain containing 2 (ABHD2), mRNA.
1.7	0.6	1.1	dbj AK021623	Homo sapiens cDNA FLJ11561 fis, clone HEMBA1003142

Identities of AP-1-specific genes depicted in Fig. 1C are listed corresponding to their clustered order (top to bottom). Relative inductions of each gene were normalized to parental control (pTAL-luciferase) vector activity and values derived from cotransfection of a negative control plasmid

(pCMV-GFP) with appropriate pathway reporter [AP-1(PMA)-luciferase, p53-luciferase, epoluciferase]. Values of each gene in the AP-1 cluster are listed (in arbitrary units) in the first three columns by indicated screen.