

Supplemental Table 4. Cell proliferation- and apoptotic process-related genes regulated by TRa

Apoptotic process		Stem cell regulation		Cell proliferation	
GO:1904019 and GO:0006915		GO:0048864, GO:0036335, GO:0019827, GO:0072089, GO:0072091 and GO:2000648		GO:0008283	
gene	Expression by T3	gene	Expression by T3	gene	Expression by T3
pglyrp1	up	clu	up	ins	up
camk2a	up	shh	up	plk1	up
inhbc.1	up	nusap1	up	top2a	up
ins	up	cdk1	up	melk	up
nptx1	up	smarca4	up	cdk1	up
plk1	up	mmp2	up	pdx1	up
top2a	up	mecom	up	bub1	up
melk	up	anxa6	up	smarca4	up
ckap2	up	snai1	up	aurkb	up
cdk1	up	bmp5	up	arnt2	up
pdx1	up	tbx1	up	mmp2	up
hyal2	up	pdgfra	up	dio3	up
ect2	up	spi1	up	robo1	up
bub1	up	pak3	up	bin1	up
aurka	up	edn1	up	gli2	up
smarca4	up	fancd2	up	casr	up
aurkb	up	fn1	up	mecom	up
fam72a	up	sept4	up	ntf3	up
cit	up	fgf10	up	cntfr	up
cidea	up	nrp1	up	clu	up
arnt2	up	efnb1	up	tpx2	up
mmp2	up	racgap1	up	shc4	up
esco2	up	cyp26a1	up	ets1	up
dio3	up	PRDM16	up	lmna	up
espl1	up	homer3	up	bub1b	up
robo1	up	runx1	up	bmp5	up
bin1	up	cdh2	up	myc	up
birc5.2	up	sema3f	up	naca	up
mad2l1	up	numbl	up	hpgd	up
olfm4	up	mmp24	up	tbx1	up
mtfr2	up	notch3	up	tf	up
gli2	up	tfec	up	pdgfra	up
casr	up	jmjd1c	up	bmp6	up
fgb	up	ltbp3	up	ikzf3	up
epha4	up	loxl2	up	nox4	up
itga5	up	rcc2	up	cdh13	up
hic1	up	nde1	up	tgm2	up
mecom	up	vangl2	up	rara	up
ntf3	up	nrp2	up	cdk5r1	up
DPF1	up	masp1	up	lck	up
anxa6	up	sall1	up	INHBA	up
mal	up	pim1	down	traip	up
cntfr	up	hnf1b	down	pak3	up
epha3	up	rel	down	edn1	up
clu	up	fgf19	down	nckap1l	up
gas2	up	sema3c	down	jak3	up
tpx2	up	zcchc11	down	stil	up
shc4	up	dhrs9	down	mcm2	up
ets1	up			itga4	up
lmna	up			ell3	up
bub1b	up			igf1r	up
pdia2	up			tgfb2	up
ephb3	up			cldn7	up
efhc1	up			runx3	up
acvr1b	up			smad3	up

snai1	up		fn1	up
bmp5	up		itga1	up
prkcb	up		cxcr4	up
znf385a	up		nox5	up
myc	up		foxe1	up
scml2	up		ror2	up
naca	up		coro1a	up
nkx3-2	up		fgf10	up
hpgd	up		sulf1	up
tbx1	up		agap2	up
tf	up		il6st	up
pdgfra	up		PLAC8	up
lgals1	up		shh	up
bmp6	up		tsc22d1	up
ikzf3	up		hey2	up
pde1b	up		nrp1	up
nox4	up		cd74	up
cdh13	up		igfbp5	up
bnip3	up		htra1	up
tgm2	up		cthrcl	up
spi1	up		fabp6	up
proc	up		fam83d	up
rara	up		ccnb2	up
cdk5r1	up		prc1	up
fabp1	up		ccnb3	up
lsp1	up		e2f8	up
aplp1	up		dpt	up
lck	up		tspan1	up
prex1	up		iqgap3	up
alb	up		cdc20	up
INHBA	up		lgi1	up
nme5	up		wfdc1	up
cbx4	up		cks1b	up
traip	up		shcbp1	up
pak3	up		dlgap5	up
dnmt3a	up		efnb1	up
edn1	up		racgap1	up
aldoc	up		mmp16	up
nckap1l	up		cks2	up
mag	up		fabp7	up
jak3	up		kif2c	up
nme4	up		ccna2	up
apex1	up		tacc3	up
stil	up		adam33	up
stk10	up		cenpf	up
mcm2	up		ncapg2	up
itga4	up		ccnf	up
ell3	up		PRDM16	up
fancd2	up		foxm1	up
igflr	up		ttk	up
tnfrsf19	up		CUZD1	up
tgfb2	up		kif15	up
cldn7	up		ezh2	up
slc30a10	up		tacr1	up
insrr	up		ppp1r16b	up
runx3	up		KIF20B	up
pim3	up		mmp14	up
gbp4	up		vash1	up
smad3	up		DCHS1	up
dnase1l3	up		runx1	up
fn1	up		mycn	up
smpd2	up		pgc	up

itga1	up			cdc25c	up
slc25a4	up			ptch1	up
cxcr4	up			fscn1	up
nox5	up			gcnt2	up
psme3	up			uchl1	up
foxe1	up			gnrhr	up
sept4	up			recql4	up
ror2	up			hspg2	up
coro1a	up			igfbp4	up
gbp3	up			col8a1	up
fgf10	up			avpr2	up
sulf1	up			c18orf54	up
agap2	up			cdh2	up
il6st	up			ift122	up
LATS1	up			myh10	up
mdk	up			ccne2	up
PLAC8	up			NCAM1	up
rybp	up			numbl	up
shh	up			erg	up
cecr2	up			il12rb2	up
tsc22d1	up			grhl2	up
hey2	up			lmo2	up
nrp1	up			s1pr2	up
cd74	up			slc11a1	up
nfatc4	up			sparc	up
hspa1b	down			adamts8	up
hsp70	down			tac1	up
dusp1	down			fgr	up
zc3h12a	down			zbtb7c	up
socs2	down			bambi	up
pdk4	down			uts2r	up
atoh1	down			fam98b	up
srpk2	down			nkx6-1	up
tsc22d3	down			notch3	up
crip1	down			has2	up
dusp6	down			tk1	up
gadd45g	down			foxj1	up
fgfr4	down			tfec	up
tnip2	down			bnc1	up
znf385b	down			ltbp3	up
gltscr2	down			ccnd1	up
ddit3	down			loxl2	up
pim1	down			timp2	up
ppt1	down			lexm	up
aifm3	down			intu	up
myb	down			ptafr	up
gclc	down			gpc1	up
tnfsf15	down			gjc2	up
prodh	down			cyp7b1	up
dapk2	down			mfge8	up
gelm	down			chd5	up
mknk2	down			agtr1	up
plk3	down			fer	up
txnip	down			nde1	up
rrn3	down			ccdc88a	up
irak2	down			sdc3	up
sqstm1	down			prdm1	up
eth	down			fndc3b	up
zfp36	down			CD79A	up
ip6k2	down			nrarp	up
siva1	down			nrp2	up
traf3ip2	down			kcnk2	up

vav2	down			srgap2	up
rps6	down			per2	up
cdca7	down			pla2g1b	up
pnf	down			sall1	up
rps7	down			e4f1	up
rpl11	down			WNK2	up
hnf1b	down			hpse2	up
atr	down			npr3	up
ppp1r13b	down			ptpru	up
dhcr24	down			dixdc1	up
rbm25	down			ing1	up
egr1	down			il11ra	up
znf622	down			ptprk	up
hells	down			ogn	up
sod1	down			hsa1b	down
rps27a	down			dusp1	down
lrrc14b	down			srpk2	down
rps19	down			crip1	down
tgfa	down			fgfr4	down
rel	down			pim1	down
rpl26	down			myb	down
ccnd2	down			txnip	down
pcsk9	down			rrn3	down
ogt	down			cth	down
rps3	down			zfp36	down
rpl14	down			rps6	down
trim2	down			cdca7	down
birc7	down			pnf	down
kmt2a	down			hnf1b	down
nfkbia	down			dhcr24	down
jade1	down			egr1	down
				hells	down
				lrrc14b	down
				tgfa	down
				rel	down
				ccnd2	down
				rps3	down
				birc7	down
				kmt2a	down
				nfkbia	down
				pth1r	down
				fgfbp1	down
				fgf19	down
				wnt16	down
				zp4	down
				nccrp1	down
				ctbp2	down
				ereg	down
				uspl1	down
				mbd2	down
				cnbp	down
				gtpbp4	down
				rps9	down
				eppk1	down
				cpo	down
				hdac6	down
				rpl23	down
				ercc1	down
				enpep	down
				pyy	down
				rps15a	down
				rpl29	down

				pinx1	down
				insig1	down
				fpgs	down
				errfi1	down
				PES1	down
				dnaja2	down
				penk	down
				rps27	down
				cdc7	down
				eif4b	down