

Supplementary table 1. cDNA microarray analysis of 1A3 cells +/- 4-OHT

<u>A_mean</u>	<u>M_mean</u>	<u>Fold change</u>	<u>Direction</u>	<u>GenBank.ID</u>	<u>Symbol</u>	
12,90	4,717084644	26,3up		H29227	ZDHHC23	
9,99	-4,664965429	25,4down		T89094		0
9,54	4,554881857	23,5up		H94262	EPB41L4B	
10,01	-4,46922771	22,1down		H29485	SSB	
10,93	4,430275642	21,6up		N35592	Ells1	
9,78	4,419887119	21,4up		N75346	CRTAP	
8,01	3,92899057	20,7up		N54401	RRAGD	
9,51	4,247034725	19,0up		AA464544	LMO2	
10,52	-4,229125404	18,8down		AA485373	VMP1	
11,69	4,124762831	17,4up		AA022886	PITPNC1	
10,74	4,112637174	17,3up		H10417	ANKH	
10,17	3,986959752	15,9up		N64519		0
8,85	3,916563662	15,1up		H24347	FLJ30834	
9,48	3,768769741	13,6up		H18428		0
10,46	3,599108367	12,1up		AA111969	CD83	
10,02	-3,554595635	11,8down		AA938563	CCL2	
8,74	3,548318103	11,7up		AA131299	CaMKIINalpha	
9,93	3,501590561	11,3up		H45668		0
9,02	3,03753917	10,7up		AA088458	C9orf140	
7,81	2,967111719	10,5up		AA427619		
11,98	3,318889828	10,0up		AA402345	CCND3	
9,40	3,303186088	9,9up		R56046	GNAZ	
8,37	3,216610347	9,3up		AA150828	MAP3K5	
9,63	3,195023885	9,2up		H22854		0
10,01	-3,190242294	9,1down		AA425102	CCL2	
8,96	-3,167914937	9,0down		H09105	RARB	
11,90	-3,149556754	8,9down		H88599		0
9,32	3,112841415	8,7up		R92495	DLX4	
9,07	3,075184576	8,4up		N92873	IL17D	
11,58	3,034774778	8,2up		N70759		0
11,63	3,024694539	8,1up		R53428	ABCA5	
11,52	3,019711045	8,1up		AA621188	DKFZP564D166	
9,91	3,008583859	8,0up		AA447985	GKAP1	
12,51	3,006177976	8,0up		H90879	MGC8974	
8,70	2,992597529	8,0up		AA469975	SLC25A29	
11,63	-2,97796362	7,9down		AA495790	RHOB	
9,81	2,977783227	7,9up		AA427722	HIP1	
9,15	-2,969928619	7,8down		N36402	MBNL2	
9,49	2,94679431	7,7up		AA459363	RNPC1	
11,01	2,919211521	7,6up		AA436008	ACVR1B	
10,06	2,915548306	7,5up		W63749	BCL2	
9,91	2,852610233	7,4up		AA443688	GCH1	
9,63	2,88840018	7,4up		AA166617		0
10,58	2,883401809	7,4up		R96455		0
10,84	2,88064422	7,4up		H23470	TLK2	
11,65	2,874797903	7,3up		AA663981	IGHG1	
10,14	2,868104282	7,3up		AA625890	MYO6	
10,47	2,866110496	7,3up		N30327	LOC283464	
11,23	2,865539744	7,3up		H15409	CAMSAP1	
11,91	2,861883741	7,3up		N72115	CDKN2C	
10,00	2,851520525	7,2up		N68463	AKAP12	

8,60	2,837496603	7,1up	AA432143	CITED1	
9,33	2,833210406	7,1up	AA070495	PRKAG1	
9,75	-2,817069294	7,0down	R67336		0
10,77	2,813757216	7,0up	H47327	TACC1	
8,89	2,373009072	7,0up	N91003	ELOVL7	
10,23	-2,806445084	7,0down	W74748	ZCCHC9	
10,13	-2,804893595	7,0down	H07072		0
11,68	-2,801022403	7,0down	AA456008	AF1Q	
11,00	2,796561274	6,9up	AA279429	ECE1	
9,25	2,793693446	6,9up	R56045		0
10,21	2,78035913	6,9up	H09959	CHKA	
10,14	2,768244414	6,8up	AA485369	LOC157378	
11,89	2,757885876	6,8up	H17520	LSM11	
9,93	0,618294166	6,7up	AA463493	TEX264	
9,82	2,735065859	6,7up	N68193	GAB1	
8,59	-0,630202107	6,6up	N28258	FLJ10099	
9,77	2,719379615	6,6up	R32334	FBXL11	
11,29	2,710367482	6,5up	W72167	TM4SF9	
8,02	#DIV/0!	6,5up	H18956		0
10,47	2,675446162	6,4up	H71857		0
9,39	2,671593372	6,4up	N20798	KIT	
9,44	-2,669536639	6,4down	AA460152	PLK2	
12,03	2,662713324	6,3up	AA478543	AKAP12	
9,43	2,656571838	6,3up	N58144	SPAG9	
10,46	2,655202713	6,3up	R96595	GAB1	
9,29	2,631444245	6,2up	AA454971	SLK	
10,79	2,624333868	6,2up	N64794	MLR2	
10,67	-2,623474309	6,2down	W55968	MBIP	
11,81	-2,619870145	6,1down	AA598817	PRAME	
9,91	2,611943318	6,1up	N74018		0
9,73	2,608712562	6,1up	ai07731		0
10,21	2,602580643	6,1up	R38044	TFAP2A	
8,17	2,104049003	6,1up	R33852		0
13,06	2,597120986	6,1up	u35290		0
9,77	-2,593909703	6,0down	N75438	TAF1	
12,93	2,586497995	6,0up	R78541	HSHIN1	
11,95	-2,568863802	5,9down	AA490996	IFI16	
8,98	2,554318247	5,9up	N68424	GLUD1	
11,60	-2,547495735	5,8down	N70463	BTG1	
9,45	2,536515487	5,8up	AA001614		0
8,81	-2,52927769	5,8down	AA598794	CTGF	
11,14	2,528619198	5,8up	AA487218	NUDT3	
9,88	-2,511133122	5,7down	N49922	ZFHX4	
11,48	2,495519253	5,6up	AA419620	FGFR3	
8,77	2,487291553	5,6up	N55085	CNKSR2	
11,54	2,481386247	5,6up	H10009		0
9,31	2,479170617	5,6up	AA454143	USP4	
11,80	2,478799274	5,6up	R91264	LPGAT1	
10,95	2,468480219	5,5up	AA450123	ENO2	
12,81	2,465864676	5,5up	R43550	GPR161	
9,61	-2,463357544	5,5down	AA041482	F2RL2	
8,70	2,461505106	5,5up	AA432271	PRKAB1	
9,54	2,461128512	5,5up	N52875	KIAA1450	
11,08	2,460017901	5,5up	W95389	SHD1	
11,17	2,459917806	5,5up	AA454193	RYBP	

7,60	2,457034308	5,5up	AA460012		
9,15	2,456814719	5,5up	H99738	RRAGD	
8,62	2,455806908	5,5up	T97479	OSBPL6	
9,90	-2,453609253	5,5down	R44953	PGBD3	
8,19	3,976902181	5,5up	AA443147	KIAA0582	
10,35	2,451829988	5,5up	AA017175	GLUD1	
9,76	2,449250879	5,5up	H09759	T1	
9,81	2,448796927	5,5up	AA454823	HNRPU	
10,40	-2,447053737	5,5down	N67039	CDK6	
12,55	2,441673348	5,4up	R38198	QDPR	
10,87	-2,439264965	5,4down	AA411850	CENPE	
10,65	2,432829163	5,4up	H20847	SSX2IP	
10,78	-2,431370009	5,4down	R83270		0
11,10	2,429352062	5,4up	W32474	RAP2A	
8,92	2,412891913	5,3up	T54121		0
10,67	2,530673795	5,3up	AA136060	RNF159	
10,71	2,408184007	5,3up	N69286	C1orf21	
10,44	2,40414381	5,3up	AA425299	SLC9A3R1	
11,28	2,404029998	5,3up	R44837		0
9,52	2,395797163	5,3up	AA457115	KIAA1522	
8,14	2,110088873	5,2up	W32409	SLC16A10	
9,87	2,384380921	5,2up	W93024	LOC401321	
10,89	2,380022548	5,2up	H22936	RAB4A	
14,00	-2,378442691	5,2down	u30986		0
10,74	2,37642534	5,2up	N73916		0
8,96	-2,516087045	5,2down	AA115076	CITED2	
8,51	1,628853753	5,2up	AA088258		0
9,17	2,365613089	5,2up	N80848	RAB9B	
8,68	2,361962387	5,1up	AA460298	C14orf45	
13,98	2,361724499	5,1up	AA430744	EZH2	
8,52	2,770741054	5,1up	R43873	MGC35048	
9,92	2,355998314	5,1up	R44018	CRY1	
10,29	-2,353326603	5,1down	H16796	KCTD10	
12,93	-2,350576044	5,1down	H20558	ARL6IP	
9,24	2,348229653	5,1up	AA433898	DLGAP4	
8,50	0,116037619	5,1up	T87224	FLJ21963	
11,30	-2,320102124	5,0down	R69356	AFAP	
12,11	2,319022565	5,0up	R59165	PPP2R5A	
10,74	-2,318428916	5,0down	R93185		0
10,74	-2,310611468	5,0down	AA135824	FLJ11184	
10,45	2,309674489	5,0up	AA488336	DRG1	
8,15	1,941125055	5,0up	W86196		0
8,66	2,307644101	5,0up	H38799	FLJ20701	
8,74	2,303387314	4,9up	W37447		0
9,62	2,287289049	4,9up	H77399	PKNOX1	
10,24	2,279944244	4,9up	R26919	DSCR1L2	
10,10	2,270384898	4,8up	AA151303		0
9,23	2,267754366	4,8up	R62813	MYCL1	
8,78	2,266228174	4,8up	H29050	RAB9B	
11,69	-2,263972534	4,8down	N20106	CART1	
9,21	2,262821583	4,8up	N95011	PLEKHA1	
8,37	2,237118384	4,7up	R69244		0
8,28	2,231385987	4,7up	AA454756	LOC112868	
9,81	2,230360409	4,7up	N50962	WDR8	
10,83	2,224589833	4,7up	AA479933	C1orf41	

10,27	-2,224310525	4,7 down	R22625	CDK7	
9,61	-2,223831922	4,7 down	AA700556	CSTF3	
12,56	2,220786963	4,7 up	H29199	CASP3	
9,63	-2,077985686	4,6 down	H19217		0
10,89	-2,211582451	4,6 down	AA495944		0
9,37	2,193297002	4,6 up	N45221	HIPK2	
8,06	2,18885237	4,6 up	N53665	C1GALT1	
9,62	-2,183291391	4,5 down	R37224		0
10,36	2,172214494	4,5 up	T51851	HNRPU	
11,61	2,168637235	4,5 up	AA458992	FVT1	
9,31	2,15499888	4,5 up	R92717	KMO	
10,65	-2,153496261	4,4 down	H68664	PBX1	
8,37	2,152396879	4,4 up	H20816	ZNRF2	
10,09	2,150585825	4,4 up	N70072		0
9,85	2,142288034	4,4 up	T87515	BMI1	
12,74	2,141993176	4,4 up	W93520	MAK3	
11,16	2,135709268	4,4 up	R58970		0
12,24	2,13489851	4,4 up	T96608	MGC5576	
10,48	-2,13459152	4,4 down	T62638	GMRP-1	
9,14	2,130008138	4,4 up	H53602	SLC25A25	
6,96	-0,041760804	4,4 down	R56149		
9,79	2,121710154	4,4 up	AA464694	MAP3K1	
11,09	2,120061976	4,3 up	AA464526	IL1R1	
10,45	2,115304608	4,3 up	W95389	SHD1	
11,79	2,112322579	4,3 up	R27006		0
9,87	2,110634255	4,3 up	AA070487	MGC34132	
9,91	-2,109424802	4,3 down	R11630	WDR26	
10,33	2,107017096	4,3 up	H14514	KIF21B	
10,58	2,09744788	4,3 up	AA010492	MBD4	
12,29	2,095842562	4,3 up	R76554	CALM1	
11,07	2,085619207	4,2 up	N20593	MAK3	
9,23	2,082541485	4,2 up	R40970	OACT2	
10,60	2,078620074	4,2 up	AA122022	EML4	
9,67	2,077391083	4,2 up	R63623	DYRK2	
10,64	2,076789761	4,2 up	AA457026	RCOR1	
11,82	2,07378593	4,2 up	AA457374		0
11,49	2,072383076	4,2 up	R83876		0
9,26	3,135625077	4,2 up	R14959	NIN	
11,22	2,060064772	4,2 up	AA187148	CBFB	
9,40	-2,058317274	4,2 down	T89996		0
9,54	2,054400086	4,2 up	W49672		0
10,08	2,052503002	4,1 up	AA262205	DGKZ	
10,81	2,051663986	4,1 up	AA281064	FGFR1	
11,89	2,050923359	4,1 up	R22335	LOC284018	
9,06	2,045575196	4,1 up	AA195636		0
10,31	2,043944921	4,1 up	AA029042	SIAH2	
12,06	2,04247641	4,1 up	AA404280	WRB	
10,82	2,041308877	4,1 up	AA521347	JJAZ1	
9,60	-2,040947936	4,1 down	T62844	MOSPD1	
9,65	2,038831432	4,1 up	AA011379	PDCD8	
11,31	-2,038747937	4,1 down	T97762	IFRD1	
11,03	2,035113458	4,1 up	AA115535	SOCS4	
8,41	2,032505874	4,1 up	AA133167	KIAA1644	
11,61	2,028856613	4,1 up	AA404288	MASA	
9,34	-2,026383502	4,1 down	N29639	CMAH	

11,23	2,025324474	4,1up	AA457717	ATP6V0B	
8,54	2,0220288	4,1up	R66896		0
10,70	2,019474763	4,1up	AA478036	BMI1	
11,17	2,017681446	4,0up	H59114	CARF	
12,01	2,016591729	4,0up	N33620		0
14,09	2,01654358	4,0up	N52496	BTG3	
8,13	2,014415304	4,0up	R52949		0
9,24	2,012657711	4,0up	N59441		0
10,04	2,012189445	4,0up	AA055489		0
10,21	-2,010641307	4,0down	AA430052	DHX36	
9,74	2,010366676	4,0up	T62575	TRIM33	
8,73	-0,121851468	4,0down	AA447658	NEO1	
9,74	2,001800715	4,0up	AA459293	TMEM23	
13,03	2,001332116	4,0up	H20743	CDC34	
12,83	2,000143874	4,0up	W90705	BMI1	
10,67	1,999859836	4,0up	R26706	RBMX	
11,45	1,997778369	4,0up	H56028	EGLN1	
12,25	-1,996989507	4,0down	AA488177	DCTN4	
10,42	1,995916737	4,0up	W92417	COL21A1	
9,33	1,993510671	4,0up	AA028921	LOC153561	
12,99	-0,06832719	4,0down	N21407	PC4	
10,21	1,986516145	4,0up	H72932		0
7,88	-0,182754575	4,0down	AA609982		
10,97	1,979122719	3,9up	H18080	ZDHHC18	
7,70	1,978926322	3,9up	H22842		
8,83	1,970452714	3,9up	H69695		0
9,93	-1,96934032	3,9down	T61899		0
9,47	-2,41611095	3,9down	AA464578	ARHGEF2	
11,71	1,967567117	3,9up	H85476	KIAA1340	
9,36	1,967043712	3,9up	H05489		0
9,41	1,962530242	3,9up	N63567	PDK3	
10,99	1,958411583	3,9up	AA431475	TMEFF1	
9,50	2,850681853	3,9up	N63476	PXK	
8,99	1,958126634	3,9up	AA461509		0
12,31	-1,950835223	3,9down	AA460969	MAP3K7	
11,71	1,947953907	3,9up	H29604	WBSCR16	
8,39	1,937563061	3,8up	H17950	HSPA12A	
12,25	1,936848037	3,8up	N89756	SLK	
12,25	1,928332493	3,8up	N62620	KCNK1	
11,15	1,927947068	3,8up	AA120777	BTAF1	
11,50	-1,925495007	3,8down	AA477514	TSNAX	
10,27	-1,924765278	3,8down	W02116	WDR42A	
12,81	1,923515109	3,8up	R42530		0
9,13	1,923174967	3,8up	AA488062	HSPC159	
12,32	1,920525662	3,8up	R44048	CHPT1	
13,27	1,918627407	3,8up	H24301	RBBP8	
11,52	1,918530842	3,8up	AA417881	BLMH	
10,61	-1,916803114	3,8down	AA430625	DPYD	
10,14	1,911031777	3,8up	AA458473	DHX8	
11,54	1,909593806	3,8up	H09601	ZNF496	
10,62	-1,906775621	3,7down	R69622	CGI-141	
8,68	1,902048365	3,7up	AA458969	SRPRB	
10,18	1,901822363	3,7up	AA455925	FHL1	
10,25	-1,901617137	3,7down	AA447984	C14orf119	
10,79	1,90114711	3,7up	AA400022	PDXP	

12,86	1,897233505	3,7up	N70528	YTHDF2	
10,96	-1,896729887	3,7down	H17513	HSPA1L	
9,58	1,894412862	3,7up	R32858		0
9,02	1,891528342	3,7up	AA029331	LCHN	
9,44	-1,889980896	3,7down	R83224		0
9,14	-1,889884257	3,7down	T95274		0
9,90	1,885630178	3,7up	AA024449	VKORC1L1	
12,21	1,883397237	3,7up	T49355	CHPT1	
8,75	1,881451139	3,7up	R36669	FLJ90013	
10,27	1,87987089	3,7up	AA034213	ITM2C	
9,60	1,87892658	3,7up	R69354	INPP5F	
8,77	1,878896636	3,7up	R30957	FLJ13855	
8,35	1,869596754	3,7up	H10344	TIGD3	
9,65	1,856854188	3,6up	AA149637	TBL1X	
10,74	-1,058250416	3,6down	H48470	GYPC	
9,72	1,854509444	3,6up	N66278	JUND	
9,47	1,853653837	3,6up	N92415	NAPE-PLD	
13,09	1,853556932	3,6up	AA131526	FLJ14668	
10,40	-1,850364634	3,6down	AA243749	DDR2	
11,26	-1,846084676	3,6down	T53792	COPB2	
8,66	1,845258282	3,6up	H08595		0
10,24	-1,843246288	3,6down	AA148524	DDR2	
11,55	-1,839259592	3,6down	R44538		0
11,72	1,833430351	3,6up	AA431986	BBX	
11,46	-1,83128879	3,6down	N47469	ZNF281	
9,26	-1,831188628	3,6down	AA009755	LOC115294	
10,99	1,831014616	3,6up	R64600	OSBPL3	
9,42	-1,823911922	3,5down	AA427625		0
11,21	-1,822799398	3,5down	R63922		0
12,46	1,819392873	3,5up	AA599008	TLK2	
11,06	-1,815464353	3,5down	AA186873	MGC2714	
13,81	1,813242236	3,5up	AA411440	VIL2	
10,45	1,812861138	3,5up		IGFBP4	
9,62	-1,809427435	3,5down	N54456	ARMCX3	
11,52	1,804772894	3,5up	AA629686	EED	
10,97	1,803575724	3,5up	H61979		0
10,10	1,801165243	3,5up	AA485665	EFNB3	
9,05	-2,626167497	3,5down	AA400292	DAB2	