

Supplementary Table 1. List of genes ≥ 2 -fold elevated in vehicle vs. KCI807

Vehicle vs. KCI807	
ID	GeneID
TC1300008909.hg.1	spertabo
TC1000008643.hg.1	SCD
TC0300007057.hg.1	kofarbo
TC1600011281.hg.1	snasney
TC1700010911.hg.1	
TC0300012528.hg.1	ferdybu
TC0100006992.hg.1	
TC0800008857.hg.1	MIR1206
TC1100009682.hg.1	stertobo
TC0500008769.hg.1	plusleyby
TC0800011228.hg.1	speeshor
TC1000007389.hg.1	RNU6-1170P
TC0900007017.hg.1	
TC0200009757.hg.1	
TC0900006943.hg.1	
TC0300013171.hg.1	NLGN1-AS1
TC2100007085.hg.1	dorbaw
TC1700007729.hg.1	CTD-2206N4.5
TC1400010704.hg.1	CRIP1
TC0300008084.hg.1	worbabo
TC0100015789.hg.1	POGZ
TC0100013288.hg.1	wolee
TC0400012718.hg.1	
TC1300006462.hg.1	RP11-301J16.7; zeedeyby
TC0600012563.hg.1	flafloby
TC0600012654.hg.1	COQ3
TC1000008072.hg.1	boysmoy
TC1700007167.hg.1	snovybu
TC1200007626.hg.1	METTL7A
TC0700010960.hg.1	TCONS_l2_00026555
TC0400012907.hg.1	ADGRA3
TC1900009050.hg.1	
TC1300008337.hg.1	AL161422.1
TC1400008084.hg.1	snarpar
TC1200008545.hg.1	snerbleybu
TC0600012435.hg.1	snorrawby
TC0400010179.hg.1	RP11-84N19.1
TC1600006576.hg.1	SNORA78; SNHG9
TC1900011607.hg.1	mutybu

TC0200012563.hg.1	AC007560.2
TC0100013067.hg.1	flyweybo
TC0900008205.hg.1	
TC0700012267.hg.1	
TC0500012258.hg.1	AC005609.20
TC1000009388.hg.1	
TC0400011621.hg.1	wosnawby
TC0700008615.hg.1	gerblaby
TC0500012062.hg.1	slawstorby
TC1700008147.hg.1	
TC1200006580.hg.1	varcho
TC0100010657.hg.1	
TC1700010219.hg.1	lonaw
TC0600007321.hg.1	
TC1600010519.hg.1	RP11-354I13.1
TC1700007241.hg.1	RP11-283C24.1
TC1200010680.hg.1	jodeyby
TC1200010568.hg.1	korflabu
TC0700011467.hg.1	veecheebu
TC0100012297.hg.1	
TC0800008064.hg.1	RP11-48B3.4
TC1100010716.hg.1	charloby
TC1400008615.hg.1	NDRG2; MIR6717
TC1100010181.hg.1	smawflerbu
TC1500010024.hg.1	SNORD77
TC0400007939.hg.1	lergar
TC1300008939.hg.1	pleyspor
TC1100007486.hg.1	
TC1800008512.hg.1	MIR924HG
TC0300013173.hg.1	
TC0200013628.hg.1	sherjybu
TC1000007416.hg.1	deymar
TC0X00009072.hg.1	
TC1400008961.hg.1	
TC0200015561.hg.1	
TC1200012090.hg.1	AC068799.1
TC1700010677.hg.1	KRT19
TC0100011827.hg.1	
TC1300007189.hg.1	
TC0700012472.hg.1	
TC0900010309.hg.1	klawboby
TC1500009280.hg.1	RP11-109D20.2
TC0700010648.hg.1	

TC0X00009828.hg.1	skerber
TC0X00009830.hg.1	toby
TC0400007830.hg.1	ALB
TC1000010843.hg.1	PBLD
TC0400006566.hg.1	teyglu
TC1700011256.hg.1	suvoybu
TC1700008969.hg.1	RNU6-97P
TC0600009969.hg.1	swyjee
TC1000010176.hg.1	MIR604
TC1100012428.hg.1	pkinase.69
TC0900010471.hg.1	bloteeby
TC0600009966.hg.1	sluklerby
TC0100008959.hg.1	
TC0700010829.hg.1	
TC1100007434.hg.1	RP11-702F3.1
TC0300013183.hg.1	
TC0900010080.hg.1	smuzaby
TC0500007719.hg.1	
TC0500011018.hg.1	beespoybu
TC0600010013.hg.1	skoflarby
TC0800007106.hg.1	titimu
TC1500007107.hg.1	SORD
TC1600007895.hg.1	glary
TC1800007947.hg.1	
TC1200011677.hg.1	Y_RNA
TC0400011000.hg.1	soso
TC0100015156.hg.1	
TC0700007351.hg.1	vuku
TC0X00009721.hg.1	SSXP1
TC2200006905.hg.1	CRIP1P4
TC0300007102.hg.1	AC099332.1
TC0800009271.hg.1	AC084125.1
TC1700009188.hg.1	AC139530.1
TC0100013140.hg.1	smeeleybu
TC1900010222.hg.1	
TC0600006713.hg.1	
TC2000006451.hg.1	
TC1700007030.hg.1	storver
TC1200010594.hg.1	
TC1100010877.hg.1	
TC0500008137.hg.1	karsnobu
TC0X00007989.hg.1	LOC100287793
TC2200008579.hg.1	terru

TC0200009812.hg.1	AC009299.4
TC1800008605.hg.1	PIAS2
TC1700007636.hg.1	PIGW
TC1600010349.hg.1	wersno
TC0400010677.hg.1	AC119751.4
TC1500008752.hg.1	spaswo
TC0Y00006885.hg.1	bybar
TC1500008138.hg.1	rurumi
TC0600011435.hg.1	SNORD117
TC1200012147.hg.1	plyflawby
TC2100007088.hg.1	suver
TC1100010514.hg.1	ELF5
TSUnmapped00000981.hg.1	
TC2100007060.hg.1	
TC1700009419.hg.1	skeeboy
TC0X00008382.hg.1	
TC1200006604.hg.1	CD9
TC0700012526.hg.1	AC010655.1
TC1700010029.hg.1	pawroy
TC0700012694.hg.1	
TC1_KI270706v1_random00006439.hg.1	RP11-782C8.2
TC0300012193.hg.1	fleebeebu
TC1700011283.hg.1	MIR454
TC1100007432.hg.1	
TC2000008983.hg.1	RNU6-759P
TC2200006468.hg.1	LL22NC03-N14H11.1
TC0900007633.hg.1	
TC0400011649.hg.1	lugar
TC0200007246.hg.1	
TC1700010994.hg.1	skozy
TC0100015208.hg.1	bawbor
TC0100011542.hg.1	kawreybu
TC0600013642.hg.1	peefla
TC0100015260.hg.1	nureebo
TC1100009291.hg.1	kesimi
TC1700008113.hg.1	stamar
TC0600011141.hg.1	
TC0600013165.hg.1	EPB41L2
TC1700010352.hg.1	
TC0900009405.hg.1	
TC1500007099.hg.1	CTD-2008A1.1
TC0800010300.hg.1	Y_RNA

TC0200016626.hg.1	MBOAT2
TC0700011735.hg.1	AC002064.4; gokar
TC1000007657.hg.1	
TC1700007900.hg.1	skoypla
TC0700008112.hg.1	
TC1700010245.hg.1	RNU6-711P
TC0600007822.hg.1	nyspabu
TC1700007465.hg.1	CTD-2349P21.3
TC0400006441.hg.1	warsweeby
TC0100010273.hg.1	jygeybu
TC0300007749.hg.1	AC099326.1
TC0900007227.hg.1	cheyshy
TC0500007145.hg.1	SKP2
TC0600012174.hg.1	
TC0100013002.hg.1	RP4-680D5.8
TC1000008771.hg.1	chorkleebu
TC0200011253.hg.1	smeedoybu
TC1100008700.hg.1	
TC0500009612.hg.1	jeyskeyby
TC1200008786.hg.1	jarnar
TC0400009293.hg.1	swospuby
TC0100008388.hg.1	mywybo
TC1100010229.hg.1	SNORD14A
TC1100012004.hg.1	RP11-685N10.1
TC0900010668.hg.1	RP11-345K9.3
TC0800011174.hg.1	Y_RNA
TC1000009923.hg.1	
TC1400008203.hg.1	
TC0500009608.hg.1	skugoy
TC0300006843.hg.1	skarveebo
TC0600012276.hg.1	pluglybu
TC0100007762.hg.1	swarrarbu
TC0200014262.hg.1	
TC0700012444.hg.1	CADPS2
TC1600007473.hg.1	AC002310.12
TC2200008867.hg.1	gyrer
TC1500007564.hg.1	AC100830.4
TC0100013707.hg.1	
TC0400012507.hg.1	
TC1800008178.hg.1	
TC1000007495.hg.1	blusmar; charlerby
TC1700008623.hg.1	RP11-927P21.2
TC1100012680.hg.1	

TC0700013103.hg.1	AC104692.1
TC0200014994.hg.1	RNU6-1; RNU6-9; RNU6-7; RNU6-8; RNU6-2; RNU6-5P
TC0700012465.hg.1	RNU6-1; RNU6-9; RNU6-7; RNU6-8; RNU6-2; RNU6-11P
TC0X00010986.hg.1	RNU6-1; RNU6-9; RNU6-7; RNU6-8; RNU6-2; RNU6-3P
TC1400008874.hg.1	RNU6-8
TC1500009854.hg.1	RNU6-1
TC0700008611.hg.1	speekar
TC0300008399.hg.1	
TC0300010502.hg.1	
TC0100007947.hg.1	pakoybu
TC0800010598.hg.1	AC022182.2
TC0800010183.hg.1	sheeshor
TC0200010375.hg.1	
TC0200009256.hg.1	
TC0600009854.hg.1	bospeybu
TC0500008007.hg.1	
TC0400010665.hg.1	RP11-241F15.3
TC0500008812.hg.1	RNA5SP195
TC0700008039.hg.1	AC004878.8; perchyby
TC0800006964.hg.1	
TC0500007714.hg.1	borspoybu
TC0100010594.hg.1	Z98750.1
TC0200015623.hg.1	gleygobu
TC0300008048.hg.1	flersworby
TC0200014815.hg.1	Y_RNA
TC1900010041.hg.1	guchor
TC0X00011233.hg.1	
TC0400010183.hg.1	
TC1700011651.hg.1	zoywey
TC0300006889.hg.1	RP11-222K16.2
TC0200015837.hg.1	RP11-16P6.1
TC0800007015.hg.1	glaweyby
TC0200011267.hg.1	mihi
TC0200013454.hg.1	SNX18P14
TC0100014975.hg.1	LOC100289636
TC1200011703.hg.1	
TC1200008845.hg.1	RAD9B
TC0800011319.hg.1	
TC1700007442.hg.1	AC104996.1
TC0500009196.hg.1	
TC0300009549.hg.1	MIR4789
TC0300013172.hg.1	
TC2000007301.hg.1	batey

TC0800008110.hg.1	
TC1200007757.hg.1	RP11-968A15.8
TC1200009037.hg.1	plofluby
TC1300008742.hg.1	RP11-187A9.3
TC1300006829.hg.1	
TC0100015672.hg.1	RNU2-38P
TC1200010110.hg.1	KCNJ8
TC1200011910.hg.1	
TC1600008164.hg.1	FAM65A
TC0100014408.hg.1	DOCK7
TC0300009215.hg.1	reyfawbu
TC0300013653.hg.1	
TC0300012247.hg.1	RP11-775J23.2
TC0900008704.hg.1	U7
TC0700011343.hg.1	
TC1000009687.hg.1	zerrarby
TC0800006916.hg.1	SH2D4A
TC0200007468.hg.1	
TC1000008401.hg.1	IFIT5
TC0900010609.hg.1	skesyher
TC1300008236.hg.1	zyshawbu
TC0800012438.hg.1	LOC101929709; RP11-37B2.1; smarzeeby
TC1200008639.hg.1	
TC0500007261.hg.1	
TC0300010623.hg.1	
TC0200012797.hg.1	AC016734.2
TC0900006986.hg.1	ANKRD18B
TC1200006817.hg.1	
TC1100011896.hg.1	RNU6-16P
TC1800007081.hg.1	MIR3975
TC0200010968.hg.1	
TC0200013622.hg.1	chujybu
TC0800007709.hg.1	RNU6-13P
TC0800008657.hg.1	RNU6-12P
TC2200009223.hg.1	LL22NC03-30E12.13
TC2200008774.hg.1	bluraw
TC2000007433.hg.1	
TC1200010860.hg.1	
TC1100010218.hg.1	spukorby
TC1000011279.hg.1	
TC0700012529.hg.1	neyblawby
TC0600007263.hg.1	HIST1H4A
TC0200006521.hg.1	

TC0100017038.hg.1	
TC0900007156.hg.1	flarsarby
TC1400006464.hg.1	neymy
TC0300011345.hg.1	Y_RNA
TC1400006462.hg.1	deysly; leycharbu
TC0100010518.hg.1	DCAF6
TC1500008525.hg.1	poychubu
TC0100014661.hg.1	snerneebu
TC0800010716.hg.1	C8orf34-AS1
TC0900009874.hg.1	nawsoby
TC0300008287.hg.1	
TC0600007231.hg.1	LRRC16A
TC0800007966.hg.1	RP11-463D19.1
TC0900007494.hg.1	FXN
TC1200010473.hg.1	AC107018.1
TC0300010870.hg.1	kerfeebo
TC0700006984.hg.1	SNX10
TC0800007577.hg.1	AC013701.1
TC1000010856.hg.1	
TC2200006848.hg.1	PCAT14
TC0500007531.hg.1	PDE4D
TC0700006917.hg.1	SNORD65
TC0X00010522.hg.1	bleebu
TC0300006849.hg.1	RPL31P20
TC0300006721.hg.1	werdeybo
TC1800007644.hg.1	steybor
TC0400012247.hg.1	RP11-597D13.8
TC1200012119.hg.1	
TC1300007792.hg.1	
TC0700010046.hg.1	FTSJ2
TC0100010052.hg.1	rarply
TC0700011128.hg.1	garker
TC0700012832.hg.1	RP5-842K16.1
TC0200015324.hg.1	smogerbo
TC0100008521.hg.1	snaplu
TC0700011479.hg.1	LOC541473
TC0X00008140.hg.1	snudu
TC1100007923.hg.1	RNU6-45P
TC0700008431.hg.1	
TC1000008714.hg.1	
TC0700008490.hg.1	
TC0200016344.hg.1	MTERF4
TC2100006569.hg.1	

TC1600010332.hg.1	
TC1700008619.hg.1	
TC0100011422.hg.1	kyply
TC0X00007077.hg.1	
TC1300008584.hg.1	
TC1000011322.hg.1	RNU6-529P
TC0900008574.hg.1	TRIM32
TC0300006895.hg.1	kofybo
TC0900010795.hg.1	tershee
TC0700011792.hg.1	RNU6-10P
TC0300007905.hg.1	
TC1000010271.hg.1	AL121748.1
TC1500010294.hg.1	veeswa
TC0900007399.hg.1	
TC1200010895.hg.1	gokaby
TC0X00009278.hg.1	RP11-298C3.2
TC0700012181.hg.1	swasmorbu
TC0500007262.hg.1	flerplerby
TC1600007164.hg.1	beyweybu
TC1600007182.hg.1	forsny
TC1000009133.hg.1	Y_RNA
TC1200011811.hg.1	MTERF2
TC0200009065.hg.1	DBI
TC0400011935.hg.1	PPP1R14BP3
TC0X00009063.hg.1	plerder
TC1100006926.hg.1	mimiro
TC0800007915.hg.1	swusharby
TC0900006988.hg.1	CYP4F26P; RP11-255A11.21
TC1700010499.hg.1	lawer
TC0500007505.hg.1	
TC1500010656.hg.1	slaloby
TC0X00010528.hg.1	
TC1600008825.hg.1	geebuby
TC0600007241.hg.1	LRRC16A
TC0200009344.hg.1	CCDC74A
TC1900007432.hg.1	seypey
TC1800007843.hg.1	sihama; TUBB8P12
TC0800010594.hg.1	
TC0500010699.hg.1	
TC0500011041.hg.1	zyplaby
TC1700012437.hg.1	SRSF1
TC0300008386.hg.1	sersweyby
TC0300013652.hg.1	

TC0200007285.hg.1	leykly
TC0800007104.hg.1	lushor
TC1500009828.hg.1	MIR4512
TC0500007846.hg.1	AC008581.1
TC1700009623.hg.1	PHF23
TC2100007747.hg.1	
TC1600008364.hg.1	cheyzabu
TC1900007940.hg.1	smychaw
TC1700011473.hg.1	
TC0300011487.hg.1	sheyrybu
TC0400006627.hg.1	
TC2000009847.hg.1	stapu
TC1700008101.hg.1	RP11-995C19.2
TC1400007330.hg.1	jasma
TC1800007597.hg.1	RNU6-39P
TC0200009891.hg.1	jordar
TC0200016322.hg.1	glapybo
TC0500010481.hg.1	fogey
TC1100009296.hg.1	rorkarby
TC0X00010275.hg.1	
TC1300007539.hg.1	nawferby
TC1200009067.hg.1	slergoyby
TC0700010906.hg.1	sworblar
TC1000010351.hg.1	
TC0300013131.hg.1	tirayo
TC1900008408.hg.1	tosee
TC0900012081.hg.1	gyskabu
TC0Y00006886.hg.1	derbar
TC0300012657.hg.1	shydobu
TC1500007966.hg.1	skerzoybu
TC0100007625.hg.1	kerkobo
TC0700010717.hg.1	MIR548N
TC0600012633.hg.1	glujee
TC1300006454.hg.1	LINC00328-2P
TC1300009230.hg.1	forshoybu
TC1700006634.hg.1	
TC1800007420.hg.1	tawry
TC1200010947.hg.1	lublabu
TC0400010460.hg.1	RNU6-32P
TC1000011828.hg.1	
TC0500010843.hg.1	joypluby
TC0100009291.hg.1	RP11-90H3.1
TC1400010071.hg.1	CLMN

TC0400006434.hg.1	glorboybo
TC1500006768.hg.1	RNU6-18P
TSUnmapped00000649.hg.1	AC254958.1
TC1000008322.hg.1	slasho
TC0300010995.hg.1	speeswerby
TC1100011871.hg.1	plorsteeby
TC1600009921.hg.1	barseybo
TC0300007137.hg.1	keefawbo
TC1000009898.hg.1	RNU6-1075P
TC1600006830.hg.1	bosmey
TC1200007182.hg.1	FAR2
TC0600013402.hg.1	
TC0100017844.hg.1	NID1
TC0500007529.hg.1	
TC0600009753.hg.1	STXBP5
TC2200006541.hg.1	blerser
TC1000011930.hg.1	fawshu
TC0200008048.hg.1	rarkawbu
TC0200015142.hg.1	
TC0300012718.hg.1	PLOD2
TC1100009104.hg.1	rimoro
TC2000009077.hg.1	RP5-1100H13.3
TC14_GL000009v2_random00006437.hg.1	
TC0700013188.hg.1	pleyslawbu
TC0100011000.hg.1	
TC0900009599.hg.1	RNU6-14P
TC1600008241.hg.1	
TC0800011586.hg.1	tenamu
TC0800009751.hg.1	
TC0100017363.hg.1	sparreybu
TC0900008240.hg.1	AL390876.1
TC0200012253.hg.1	RNU6-577P
TC1700007240.hg.1	SCDP1
TC1200007426.hg.1	sneybloybu
TC0900010894.hg.1	plartawby
TC1800007360.hg.1	RAB27B
TC0800006564.hg.1	
TC0700008554.hg.1	skawkar
TC0100013153.hg.1	TMCO4
TC1900007540.hg.1	LOC100132200
TC1000011853.hg.1	
TC0900011083.hg.1	

TC1000010752.hg.1	AC067742.1
TC1700011837.hg.1	
TC0500007259.hg.1	plawflar
TC0600013190.hg.1	MOXD1
TC0400011547.hg.1	kobleyby
TC0300013968.hg.1	CCDC51
TC0600007292.hg.1	
TC0700011068.hg.1	nekomu
TC0100018232.hg.1	
TC0700007823.hg.1	sterzeyby
TC0300013904.hg.1	NAALADL2
TC1800008766.hg.1	klarsee
TC0100015210.hg.1	AC000032.2
TC1000007636.hg.1	PRKG1
TC0100010118.hg.1	MIR92B
TC0400010999.hg.1	farswaby
TC0100008645.hg.1	skernubu
TC1400008626.hg.1	sarswer
TC1200012239.hg.1	SNORA9
TC1300008948.hg.1	geppy
TC1200009529.hg.1	CTD-2140B24.6
TC0400011458.hg.1	storstawbu
TC0X00008496.hg.1	
TC0100017260.hg.1	NSL1
TC0500010373.hg.1	wustuby
TC0200016758.hg.1	LINC01473
TC1000012072.hg.1	pashu
TC0100012298.hg.1	
TC1700010333.hg.1	
TC0900010927.hg.1	
TC0100013487.hg.1	tarbo
TC0800012171.hg.1	
TC1100012259.hg.1	swyjoby
TC1200011147.hg.1	kluchar
TC1000009891.hg.1	juplabu
TC0100017370.hg.1	
TC0900007474.hg.1	RP11-561O23.8
TC1600011565.hg.1	CFDP1
TC0700012170.hg.1	
TC0300009961.hg.1	RNU6-25P
TC0900006529.hg.1	
TC1600009705.hg.1	swobley
TC1100011244.hg.1	

TC0X00010966.hg.1	ATP11C
TC1100011801.hg.1	gleefey
TC1500007250.hg.1	pleyspee
TC0700008822.hg.1	
TC1800006824.hg.1	blyteybu
TC0200011551.hg.1	ADI1
TC0200009331.hg.1	POTEE
TC0100018262.hg.1	GSTM2
TC0500007598.hg.1	kerzeyby
TC0300007321.hg.1	NDUFB1P1
TC2200007627.hg.1	
TC0900009994.hg.1	
TC0100015889.hg.1	bleyler
TC0800006558.hg.1	karslobu
TC1600007446.hg.1	RP11-455F5.6
TC1400008931.hg.1	SEPT7P1
TC0500011062.hg.1	kleyplarby
TC0700011736.hg.1	yahuya
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TC0700012508.hg.1	
TSUnmapped00000627.hg.1	KIF15

TC1700009828.hg.1	
TC0100015544.hg.1	HIST2H2BB; HIST2H3PS2
TC0600007383.hg.1	Z98744.3
TC1200011330.hg.1	E2F7
TC1200006452.hg.1	RNU4ATAC16P
TC1200010882.hg.1	RP11-973D8.4
TC0800007552.hg.1	MCM4
TC1300010018.hg.1	
TC0900006683.hg.1	sweesper
TC1100011687.hg.1	RP11-111M22.3
TC1200006627.hg.1	NCAPD2
TC1600011405.hg.1	GINS3
TC1300008280.hg.1	SKA3
TC0500009377.hg.1	SPDL1
TC1200010277.hg.1	OVOS2
TSUnmapped00000190.hg.1	KIF15
TC0600011124.hg.1	HIST1H3B
TC0600012498.hg.1	RP11-393I2.2
TC1100012031.hg.1	
TC0400009396.hg.1	NEIL3
TC1200008010.hg.1	gawflubu
TC1400009248.hg.1	DLGAP5
TC0500010928.hg.1	CENPK
TC1600008901.hg.1	stuboby
TC2200006954.hg.1	HMGB1P10
TC1700009985.hg.1	sluveebu
TC1000012496.hg.1	AS3MT
TC2100007949.hg.1	MIS18A
TC1200011096.hg.1	buney
TC0100011871.hg.1	HIST3H2BB
TC0800008726.hg.1	TBC1D31
TC0500006472.hg.1	TRIP13
TC0200011885.hg.1	TTC32
TC0100017298.hg.1	
TC1700010731.hg.1	PSMC3IP
TC1600006880.hg.1	RP11-27M24.1
TC0100008150.hg.1	RAD54L
TC1800007215.hg.1	HAUS1
TC1700012199.hg.1	PIGL
TC0700013289.hg.1	
TC1600011292.hg.1	FANCA
TC0300008868.hg.1	rasmaby
TC1300007248.hg.1	CKAP2

TC0900006684.hg.1	veesaby
TC0300009337.hg.1	SMC4
TC1300007236.hg.1	FABP5P2
TC0100007216.hg.1	nokumo
TC0400010750.hg.1	NMU
TC1100012918.hg.1	
TC1700010847.hg.1	GJC1
TC2100007564.hg.1	SLC25A15P4
TC0X00006888.hg.1	CKS1BP6
TC0200008633.hg.1	
TC1600007718.hg.1	ORC6
TC0800007065.hg.1	CDCA2
TC0600012631.hg.1	MMS22L
TC0400007581.hg.1	
TC0100007509.hg.1	spamerbo
TC1100013111.hg.1	CHEK1
TC1900009360.hg.1	AC005339.2
TC1300006969.hg.1	LOC101929140; RP11-74J13.8
TC1400009128.hg.1	CDKL1
TC0600011137.hg.1	AL031777.1
TC1800006484.hg.1	NDC80
TC2100006461.hg.1	LOC100507412; CH507-513H4.1
TC1500007392.hg.1	CCNB2
TC0300010476.hg.1	SGOL1
TC0200012713.hg.1	BCL11A
TC1700008625.hg.1	RP11-583F2.2
TC0300008593.hg.1	soyberbu
TC1800009289.hg.1	ACAA2
TC1700006991.hg.1	moda
TC0600010951.hg.1	spersneybu
TC1900009826.hg.1	smertobu
TC0300006795.hg.1	SGOL1-AS1
TC0800011679.hg.1	ATAD2
TC0100009020.hg.1	CDC7
TC0500007666.hg.1	CENPH
TC0100018083.hg.1	mimaha
TC1200007217.hg.1	
TC0300011173.hg.1	NT5DC2
TC1200008131.hg.1	chuno
TC2100007487.hg.1	Y_RNA
TC2100007504.hg.1	Y_RNA
TCUn_GL000195v100006434.hg.1	Y_RNA
TC1000012235.hg.1	MKI67

TC0200012297.hg.1	SRSF7
TC0300008702.hg.1	MCM2
TC1500007549.hg.1	
TC1200008544.hg.1	NEDD1
TC0400008580.hg.1	
TC1000008471.hg.1	KIF11
TC1300008079.hg.1	
TC0800007119.hg.1	ESCO2
TC1200008113.hg.1	NUP107
TC1200006510.hg.1	
TSUnmapped00000642.hg.1	AC254944.3
TC0600007543.hg.1	MDC1-AS1; XXbac-BPG27H4.7
TC1900007587.hg.1	
TC2200006465.hg.1	LL22NC03-N64E9.1
TC0100014543.hg.1	DEPDC1
TC0200006977.hg.1	CENPO
TC1500006938.hg.1	RP11-133K1.11
TC0200013878.hg.1	BUB1
TC2000008279.hg.1	PCNA
TC0400009037.hg.1	MND1
TC1200007559.hg.1	TROAP
TC1100010065.hg.1	sermer
TC1200010795.hg.1	RARG
TC1700011364.hg.1	BRIP1
TC0100011346.hg.1	
TC1700009627.hg.1	YBX2
TC0400009779.hg.1	Y_RNA
TC1800008233.hg.1	
TC1200007819.hg.1	CDK2
TC0500008309.hg.1	CAMK4
TC1200009621.hg.1	FOXM1
TC1200008134.hg.1	YEATS4
TC2100006510.hg.1	
TC1900011696.hg.1	CTD-2291D10.4
TC0500011280.hg.1	DHFR
TC2100006477.hg.1	LOC100507412; CH507-528H12.1
TC1100013165.hg.1	SLC43A3
TC1500009147.hg.1	torpor
TC0800009646.hg.1	farblorby
TC0700009861.hg.1	
TC0100015507.hg.1	HIST2H3DP1
TC2100006449.hg.1	CH507-254M2.3
TC1900007498.hg.1	

TC0X00011353.hg.1	ASB9
TC0100015563.hg.1	plawmeybo
TC0400007714.hg.1	
TC1900007116.hg.1	gugly
TC1500007699.hg.1	KIF23
TC0600011379.hg.1	MDC1
TC1100011288.hg.1	MRPL11
TC0100011582.hg.1	gornubu
TC1700008066.hg.1	vuslaw
TC0100009702.hg.1	snuzeybo
TC0600011234.hg.1	HIST1H4L
TC0700006605.hg.1	
TC0900009418.hg.1	flupawbu
TC0500010515.hg.1	NUP155
TC1300006802.hg.1	BRCA2
TC1500010421.hg.1	RP11-617F23.1
TC0500010655.hg.1	
TC0100014431.hg.1	DLEU2_6
TC0200016553.hg.1	DAPL1; OR7E89P
TC0500010599.hg.1	OXCT1
TC0X00011365.hg.1	SSX5
TC17_GL000205v2_random000064 40.hg.1	Y_RNA
TC2100007505.hg.1	CH507-338C24.1
TC1500007077.hg.1	WDR76
TC1900006628.hg.1	NFIC
TC2200009288.hg.1	TRMU
TC0200015093.hg.1	ZNF385B
TC0100014880.hg.1	
TC1500007781.hg.1	zeyper
TC0100013369.hg.1	STMN1; MIR3917
TC1700011469.hg.1	RP11-927P21.12
TC0400007478.hg.1	RP11-1281K21.8
TC1900010144.hg.1	CTD-2561J22.5
TC1500010463.hg.1	PRC1
TC0800011137.hg.1	RAD54B; FSBP
TC2000009026.hg.1	RBL1
TC0500013330.hg.1	
TC0600011225.hg.1	HIST1H2AJ
TC1100007995.hg.1	CDCA5
TC0400012481.hg.1	
TC1500006963.hg.1	CASC5
TC0600011451.hg.1	RNU6-850P

TC0100015701.hg.1	HIST2H3A; HIST2H3C
TC0600007266.hg.1	HIST1H1C
TC1200012572.hg.1	ITFG2
TC0300009975.hg.1	flarnarbo
TC0600011917.hg.1	
TC0800008120.hg.1	LRRCC1
TC0700010497.hg.1	SUMO2P14
TC0600013602.hg.1	FBXO5
TC0800010980.hg.1	RP11-98H4.4
TC0X00007180.hg.1	
TC2200007130.hg.1	
TC0300006964.hg.1	nawfubo
TC2200009167.hg.1	
TC1300008291.hg.1	HIST1H2BPS3
TC0100012287.hg.1	
TC0600012845.hg.1	
TC1200012533.hg.1	POLE
TC1500007829.hg.1	LOXL1
TC0100013455.hg.1	RPA2
TC2100007496.hg.1	CH507-154B10.1; CH507-145C22.3
TC2100006445.hg.1	Y_RNA
TC2000007438.hg.1	MYBL2
TC1700008438.hg.1	RAD51C
TC2000007089.hg.1	TPX2
TC0200007999.hg.1	ZNF638
TC1200007208.hg.1	DDX11
TC2100008307.hg.1	stogu
TC0100008057.hg.1	CDC20
TSUnmapped00000695.hg.1	ARHGAP11A
TC1700011012.hg.1	
TC1600007017.hg.1	CTB-193M12.5
TC1000008585.hg.1	MARVELD1
TC0700013162.hg.1	PAXIP1
TC1500009353.hg.1	CEP152
TC0700007804.hg.1	SNORA63
TC0400009856.hg.1	LYAR
TC1500006447.hg.1	CHEK2P2
TC0200010484.hg.1	gaklu
TC1600010592.hg.1	
TC0400009181.hg.1	RP11-218F10.3
TC1700009888.hg.1	CENPV
TC0400009683.hg.1	AC092574.2
TC0100011581.hg.1	CENPF

TC0100007045.hg.1	snurawbo
TC1700009484.hg.1	RP11-235E17.4
TC0X00009606.hg.1	SSX3
TC1600008924.hg.1	POLR3K
TC1100012030.hg.1	werchee
TC0300006720.hg.1	
TC1600007177.hg.1	leypo
TC1100012948.hg.1	IFITM2
TC0700007198.hg.1	ANLN
TC0100015705.hg.1	
TC0100016441.hg.1	CENPL
TC0100006443.hg.1	storubu
TC1700010451.hg.1	RDM1
TC2200007838.hg.1	AC116618.1
TC1000012564.hg.1	DNAJC9
TC1100009657.hg.1	IFITM3
TC0300009524.hg.1	ECT2
TC0700007349.hg.1	stawblar
TC1100013021.hg.1	FEN1
TC1400009242.hg.1	WDHD1
TC0100009877.hg.1	HIST2H3A
TC1600010591.hg.1	
TC1500009934.hg.1	RP11-673C5.1
TC1300006847.hg.1	RFC3
TC0100010397.hg.1	NUF2
TC0100008023.hg.1	PPIH
TC0600011185.hg.1	HIST1H2BK
TC0500010514.hg.1	CTD-2124B8.2
TC1600009922.hg.1	
TC1000008482.hg.1	CEP55
TC1100012513.hg.1	H2AFX
TC1000008385.hg.1	STAMBPL1
TC0900006736.hg.1	CNTLN
TC1700009204.hg.1	RP11-498C9.16
TC1400007173.hg.1	RP11-589M4.1; tawwobo
TC0400012620.hg.1	CENPU
TC1700012265.hg.1	MEIOC
TC0600007380.hg.1	HIST1H2AL; HIST1H2BN
TC2200008847.hg.1	CENPM
TC0100013426.hg.1	snoymerbo
TC0200007558.hg.1	AC007682.2

Supplementary Table 2. List of genes ≥ 2 -fold elevated in control shRNA vs. AR shRNA

Control shRNA vs. AR shRNA	
ID	GeneID
TC0700008367.hg.1	PEG10
TC1100007727.hg.1	FAM111B
TC1100011050.hg.1	FADS1; MIR1908
TC1000007641.hg.1	DKK1
TC0700011642.hg.1	HGF
TC0Y00007289.hg.1	rarsybo
TC0Y00007293.hg.1	
TC0700013538.hg.1	TRGJ1; TRGC2; TRGJ2; TRGV9; TRGC1; TRGJP; TRGJP2
TC0600009262.hg.1	SLC35F1
TC0800008845.hg.1	MYC
TC0Y00007306.hg.1	
TC0Y00007285.hg.1	zeybu
TC0500011502.hg.1	ELL2
TC0700007952.hg.1	storslerbu
TC0Y00007290.hg.1	vubo
TC1600007521.hg.1	FUS
TC0700012780.hg.1	HIPK2
TC0100007783.hg.1	RP11-435D7.3
TC0100014766.hg.1	LPAR3
TSUnmapped00000546.hg.1	RCC2
TC1900008551.hg.1	BCL2L12
TC0300008148.hg.1	TMEM45A
TC0700008094.hg.1	ZP3
TC1900007162.hg.1	AC022098.2
TC0800010303.hg.1	RP11-598P20.3
TC1900007880.hg.1	AC002398.12
TC0100012869.hg.1	SRM
TC0Y00007303.hg.1	sharbo
TC0Y00007308.hg.1	blerbo
TC0100015805.hg.1	CELF3
TC0300008029.hg.1	EPHA3
TC0X00009069.hg.1	ARHGAP6
TC1200010490.hg.1	NELL2
TC1200010561.hg.1	
TC0700011842.hg.1	PDK4
TC0600011074.hg.1	glosoby
TC0600007660.hg.1	
TC0500010766.hg.1	PLPP1; RNF138P1
TC0800008663.hg.1	MAL2

TC1000007714.hg.1	PHYHIPL
TC0500007542.hg.1	NDUFAF2
TC0100016321.hg.1	GCSH
TC0600008721.hg.1	
TC0100015920.hg.1	RP11-61L14.6; subaw
TC0500007738.hg.1	MAP1B
TC1200010988.hg.1	LOC100506844; RP11-620J15.3
TC1900010494.hg.1	HSPB6
TC1000011748.hg.1	
TC0400008331.hg.1	NPNT
TC1300008888.hg.1	kerchee
TSUnmapped00000427.hg.1	FBL
TC1100008962.hg.1	
TC0X00010136.hg.1	TAF9B
TC0100016649.hg.1	NMNAT2
TC0400011744.hg.1	ANXA5
TC1600010181.hg.1	NETO2
TC1900011004.hg.1	SLC1A5
TC0800011376.hg.1	RP11-1C8.4; RP11-1C8.7
TC1000010758.hg.1	RTKN2
TC0600012379.hg.1	ELOVL4
TC1900008609.hg.1	
TC0700010509.hg.1	CYCS
TC1200012263.hg.1	MPHOSPH9
TC0100013087.hg.1	RCC2
TC0100015875.hg.1	ILF2
TC1500007814.hg.1	NEO1
TC1400010624.hg.1	PTGR2
TC1300008660.hg.1	PROSER1
TC1600007897.hg.1	chaworbu
TC0400009376.hg.1	WDR17
TC0500012138.hg.1	SPOCK1
TC0400011429.hg.1	DDIT4L
TC0X00010532.hg.1	AMOT; MIR4329
TC2100006714.hg.1	NCAM2
TC0600011145.hg.1	HIST1H4H
TC0300009610.hg.1	NDUFB5
TSUnmapped00000776.hg.1	FBL
TC1100010464.hg.1	RP1-65P5.3
TC0800008299.hg.1	SDC2
TC1100007718.hg.1	GLYATL1P2
TC0200011080.hg.1	COPS7B
TC1600011573.hg.1	GCSH

TC0200011913.hg.1	RP11-130L8.3
TC1900011136.hg.1	LOC101928295; AC010524.2
TC0300007973.hg.1	CADM2
TC1800008550.hg.1	SYT4
TC1700010199.hg.1	PIGS
TC0700009909.hg.1	
TC0200016643.hg.1	DNMT3A
TC0500008602.hg.1	LYRM7
TC1400009184.hg.1	TXNDC16
TC1100012197.hg.1	GUCY1A2
TC0600012495.hg.1	CGA
TC1400008098.hg.1	GLRX5
TC0X00010322.hg.1	
TC0X00009661.hg.1	SYP
TC0700012728.hg.1	PTN
TC0Y00007035.hg.1	
TC0100016060.hg.1	ELL2P1
TC1400007086.hg.1	LRR1; RHOQP1
TSUnmapped00000162.hg.1	FBL
TC0700008110.hg.1	
TC0100011033.hg.1	
TC1700012093.hg.1	FASN
TC2000009648.hg.1	PRELID3B; ATP5E
TC0600008447.hg.1	ADGRB3
TC0200008606.hg.1	AC092667.2
TC1600007899.hg.1	
TC0100018338.hg.1	NAV1
TC1400008531.hg.1	marla
TSUnmapped00000336.hg.1	RCC2
TC1900006637.hg.1	
TC1100007883.hg.1	
TC0100017365.hg.1	EPRS
TC1300007791.hg.1	IPO5
TC0100014930.hg.1	EVI5
TC1300009558.hg.1	
TC1900009287.hg.1	SMIM24
TC1100012981.hg.1	RCN1
TC1500008312.hg.1	IQGAP1
TC1900010782.hg.1	ATP1A3
TC1700010358.hg.1	MYO1D
TSUnmapped00000344.hg.1	FBL
TC0400012432.hg.1	HMGB2
TC0500010337.hg.1	CTD-2533K21.1

TSUnmapped00000732.hg.1	SLC37A4
TC0600008132.hg.1	CDC5L
TC0100018199.hg.1	SRRM1
TC1500010655.hg.1	CHSY1
TC2200007615.hg.1	RIBC2
TC1600007169.hg.1	METTL9
TC0300014041.hg.1	RUVBL1
TC0700009020.hg.1	SND1; SND1-IT1
TC0400012459.hg.1	klogy
TC0900006591.hg.1	RP11-390F4.6
TC1800008175.hg.1	
TC0200010636.hg.1	MAP2
TC0100016003.hg.1	IQGAP3
TC0400007731.hg.1	MT2P1
TC0500008135.hg.1	jjja
TC0700007949.hg.1	POM121
TC1600007965.hg.1	MT1F
TC0500009863.hg.1	LPCAT1
TC1000011989.hg.1	SNORA19
TC0400012949.hg.1	SLC39A8
TC0700008295.hg.1	CFAP69
TC1800009309.hg.1	CBLN2
TC1600007963.hg.1	MT1DP
TC0700006750.hg.1	
TC0700007973.hg.1	POM121B
TC1700011298.hg.1	TUBD1
TC0100012687.hg.1	NOL9
TC0100015715.hg.1	SF3B4
TC0300008173.hg.1	PCNP
TC1200009748.hg.1	ZNF384
TC0600007158.hg.1	SOX4
TC0X00009441.hg.1	MED14
TC2000007435.hg.1	IFT52
TC1300008487.hg.1	SLC7A1
TC0300012157.hg.1	RABL3
TC1600008228.hg.1	CYB5B
TC0X00007522.hg.1	FAM155B
TC1400009190.hg.1	GNPNAT1
TC0800010911.hg.1	vawweeby
TC0700011550.hg.1	POM121C
TC0X00009254.hg.1	APOO
TC1900009984.hg.1	UNC13A
TC1200007499.hg.1	TMEM106C

TC2200007952.hg.1	CLTCL1
TC0700008111.hg.1	hekamu
TC0400009359.hg.1	
TC1400007039.hg.1	FANCM
TC0900006968.hg.1	SPINK4
TC1200011770.hg.1	ALDH1L2
TC1600007964.hg.1	MT1B; MT1CP
TC1600007141.hg.1	LOC81691; AC004381.6; U4atac
TC0700006468.hg.1	
TC0900007362.hg.1	nihumu
TC1000010920.hg.1	gleesmey
TC1100010615.hg.1	
TC1600007835.hg.1	MIR548A1
TC1300006886.hg.1	RFXAP
TC0100010150.hg.1	
TC1400009676.hg.1	RP5-1021I20.8
TC0200008129.hg.1	RP11-342K6.2
TC1600007958.hg.1	MT1L
TC1300009376.hg.1	SLITRK1
TC1900010032.hg.1	CERS1; GDF1
TC2200008610.hg.1	FOXRED2
TC0100018521.hg.1	TSTD1
TC0700012806.hg.1	
TC0800011041.hg.1	MMP16
TC1000008484.hg.1	
TC1300009675.hg.1	noynoy
TC2000008072.hg.1	PPDPF
TC0900011305.hg.1	TNC
TC1600010711.hg.1	CHTF8
TC0300007292.hg.1	RP11-447D11.3
TC0700012151.hg.1	nerju
TC1100011078.hg.1	CTD-2531D15.5
TC0700009669.hg.1	RP4-584D14.7
TC0100014988.hg.1	F3
TC1600010300.hg.1	cheypor
TC0800012069.hg.1	jozuby
TC0400006727.hg.1	AFAP1-AS1
TC0100013854.hg.1	SCMH1
TC0700011710.hg.1	SLC25A40
TC0500009009.hg.1	TCERG1
TC0200014728.hg.1	LY75-CD302; CD302; LY75
TSUnmapped00000071.hg.1	AC004824.4
TC1000007925.hg.1	EIF4EBP2

TC1400008420.hg.1	CTD-2134A5.3
TC2200007025.hg.1	plobo
TC0700008123.hg.1	spyorbo
TC1200010642.hg.1	FAIM2
TC0900010438.hg.1	
TSUnmapped00000380.hg.1	FBL
TC1000006859.hg.1	SUV39H2
TC1700010248.hg.1	GIT1
TSUnmapped00000061.hg.1	FBL
TC0400012634.hg.1	CFAP97
TC1700010855.hg.1	poyda
TCUn_GL000224v100006436.hg.1	AL591856.6
TCUn_KI270741v100006433.hg.1	AUXG01000516.2
TC0700010321.hg.1	ETV1
TC0X00009494.hg.1	RRM2P3
TC1700012223.hg.1	SUZ12P1
TC0800010245.hg.1	RP11-360L9.7
TC2100006581.hg.1	AP001347.6; ERLEC1P1
TC0100018425.hg.1	RP1-317E23.3; horo
TC1100013173.hg.1	C11orf98; LBHD1
TC0200009349.hg.1	C2orf27A; TCONS_I2_00015489
TC1200009031.hg.1	RNFT2
TC0100018242.hg.1	HS2ST1
TC0200009440.hg.1	R3HDM1
TC0100010148.hg.1	LAMTOR2
TC0300013906.hg.1	KCNMB2
TC0800006840.hg.1	
TC0700012036.hg.1	VGf
TC1400006471.hg.1	BMS1P18; BMS1P17
TC1100009419.hg.1	EI24
TC0100007215.hg.1	
TC0800012206.hg.1	DGAT1; MIR6848
TC0200015194.hg.1	TFPI
TC1000008733.hg.1	MFSD13A
TC0200014268.hg.1	darpo
TC1700012189.hg.1	SENP3
TC0300007055.hg.1	CTDSPL
TC0300007610.hg.1	PXK
TC1900010125.hg.1	
TC0100011870.hg.1	AL139288.1
TC0700007950.hg.1	sterslerbu

TC1400009066.hg.1	MIS18BP1
TC2200007138.hg.1	FBXO7
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TC0300009531.hg.1	NLGN1

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TC0100010520.hg.1	feekloy
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TC0500012428.hg.1	nusteyby
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TC0700012556.hg.1	werbler
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TC1100009101.hg.1	ZBTB16
TC1900006992.hg.1	ILF3
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TC0300009128.hg.1	borfarbo
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TC1900009001.hg.1	ZIK1

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TC1200012259.hg.1	blawgarby
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TC0900009723.hg.1	blerplabu
TC0300006830.hg.1	Y_RNA
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TC0100010295.hg.1	klorkawbo
TC1900007688.hg.1	CCNE1
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TC0300013707.hg.1	WDR53
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TC0800011481.hg.1	perverby
TC1500008154.hg.1	ZSCAN2
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TC0300011498.hg.1	borobu
TC0200012439.hg.1	jeepawbo
TC1200010109.hg.1	LDHB
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TC0700011397.hg.1	Y_RNA
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TC0100013891.hg.1	lerpobu
TC0100013059.hg.1	RP5-1182A14.7
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TC1200010134.hg.1	kloyfy
TC1600010484.hg.1	RP11-481J2.3
TC1200007263.hg.1	RP11-843B15.4
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TC0100016268.hg.1	merbar
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TC1300008823.hg.1	RCN1P2

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TC0500009714.hg.1	kosterby
TC0700012968.hg.1	PDIA4
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TC0400010611.hg.1	RP11-121C2.2
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TC0300010667.hg.1	RP11-627J17.1
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TC0600010059.hg.1	nuflawby
TC0100011368.hg.1	skeyzerbo
TC0500007047.hg.1	Y_RNA
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TC2000007363.hg.1	sloyroybu
TC0X00006731.hg.1	dermoy
TC1900009852.hg.1	ILVBL
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TC1700007290.hg.1	RP11-744K17.3
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TC0300009119.hg.1	AGTR1
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TC0500011077.hg.1	RP11-1174L13.2
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TC1700010947.hg.1	CTD-2026D20.2; LOC100272146
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TC1000007770.hg.1	
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TC0100017433.hg.1	RNU6-791P
TC0400011710.hg.1	RNU6-1217P
TC1100009647.hg.1	RNU6-447P
TC1700009306.hg.1	U6
TC1900009072.hg.1	RNU6-1076P
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TC0700009329.hg.1	TTC26
TC0X00007119.hg.1	JADE3
TC1100006906.hg.1	FAR1
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TC0800008595.hg.1	lorskerbu
TC0400007938.hg.1	BMP2K
TC0700008149.hg.1	PHTF2
TC1300008350.hg.1	

TC0600012359.hg.1	lorjo
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TC0100014478.hg.1	beyboy; RP5-1044H5.1
TC1100010096.hg.1	snerglor
TC0100011527.hg.1	NENF
TC0200010480.hg.1	NOP58
TC0400009422.hg.1	nukame
TC0700011318.hg.1	ERV3-1; ZNF117
TC0700010989.hg.1	TNS3
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TC1200012626.hg.1	PRPF40B
TC1500007634.hg.1	snarstee
TC0700012081.hg.1	RP11-163E9.1
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TC0200015251.hg.1	AC092614.1
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TC0700007393.hg.1	boyblaw
TC0100009884.hg.1	karboy
TC0200015729.hg.1	USP37
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TC0700007865.hg.1	
TC1600008242.hg.1	mawzu
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TC1100012702.hg.1	TMEM218
TC0100017974.hg.1	CEP170
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TC1700009632.hg.1	RP11-542C16.1
TC0700007061.hg.1	WIPF3
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TC0900011577.hg.1	SNORA65
TC0200016768.hg.1	PECR
TC1200012083.hg.1	FBXO21
TC0400008852.hg.1	niseme
TC1100009775.hg.1	
TC0600011870.hg.1	DNPH1

TC2200006540.hg.1	USP18
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TC0100011030.hg.1	lawkloy
TC0700011309.hg.1	forblo
TC0100018480.hg.1	NBPF14
TC0200016505.hg.1	CCDC138
TC0700010561.hg.1	HOXA5
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TC1500007926.hg.1	RCN2
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TC2200008620.hg.1	IFT27
TC0800007548.hg.1	zeewyby
TC0100014655.hg.1	
TC1400010276.hg.1	kladuby
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TC1900009366.hg.1	AC005523.2
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TC0800012202.hg.1	BOP1; MIR7112
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TC1900011944.hg.1	FBXO17
TC1600007187.hg.1	lysny

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TC0500013277.hg.1	MAML1
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TC1700007781.hg.1	rawer
TC0400012768.hg.1	FAM200B
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TC0100013404.hg.1	blyworbo
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TC0800008665.hg.1	MIR548AZ
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TC0900007332.hg.1	RP11-374M1.11

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TC1800008967.hg.1	RP11-106E15.1
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TC1200012188.hg.1	HNF1A-AS1
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TC0600010624.hg.1	
TC1700010040.hg.1	RP11-78O7.2
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TC1400007951.hg.1	shopar
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TC0300011557.hg.1	gorreybu
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TC0200009546.hg.1	florgybo

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TC2200006545.hg.1	chadoy
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TC0X00008915.hg.1	pleefy
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TC1300009124.hg.1	AL353765.1
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TC0X00011366.hg.1	RP11-344N17.3
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TC0100007062.hg.1	sporawbo
TC2200009012.hg.1	
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TC0400011354.hg.1	smoswuby
TC0500013188.hg.1	RP11-389C8.3
TC0700006717.hg.1	chorshybu
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TC0100012771.hg.1	sweemoy
TC0600008617.hg.1	RP11-177G23.2
TC0200016131.hg.1	fadoybu
TC2200006460.hg.1	wertee
TC1100008991.hg.1	DDX10
TC0400007048.hg.1	nerfloy

TC0400010661.hg.1	sarfleeby
TC0800012330.hg.1	NDUFAF6
TC0500008121.hg.1	ARSK
TC0100018288.hg.1	PLEKHO1
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TC1200010900.hg.1	SMARCC2
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TC1100010451.hg.1	IMMP1L
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TC0600012358.hg.1	PHIP
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TC0900009337.hg.1	FO082796.1
TC2200007632.hg.1	sporsubo
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TC0300007531.hg.1	RPS15P5
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TC0400007485.hg.1	noteme; soyfleeby
TC1700008695.hg.1	MIR548AA2
TC1900006633.hg.1	AC005514.2
TC0200006954.hg.1	gleejarbo
TC1400007942.hg.1	TDP1
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TC0900007241.hg.1	fleywerby
TC0X00010176.hg.1	
TC0200014341.hg.1	AC093787.1
TC1700012231.hg.1	TMEM98
TC1200006643.hg.1	PTMS
TC2200008167.hg.1	
TC0300010309.hg.1	RP11-767C1.2
TC0300008782.hg.1	IFT122
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TC1200006670.hg.1	CLSTN3
TC0400011381.hg.1	feysnoby
TC1000008134.hg.1	

TC0800007057.hg.1	DOCK5
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TC0700012118.hg.1	RP11-401L13.7
TC1500010308.hg.1	perkuby
TC1200007054.hg.1	choshey
TC1300009899.hg.1	sucha
TC0900007337.hg.1	
TC1200008325.hg.1	ferjuby
TC0Y00007121.hg.1	flarby
TC0100010189.hg.1	
TC1200012186.hg.1	steybleebu
TC0800011367.hg.1	chawskeebu
TC1200009259.hg.1	boygawby
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TC1900008462.hg.1	CTC-453G23.5
TC2000008940.hg.1	PIGU
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TC1700007219.hg.1	damy
TC1200012050.hg.1	rurire
TC0500011690.hg.1	flerswobu
TC1500009867.hg.1	MIR4312
TC2200006593.hg.1	rimara
TC1300008884.hg.1	
TC1800008655.hg.1	DYM
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TC0100013588.hg.1	PTP4A2
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TC1300008773.hg.1	yomori
TC0700011490.hg.1	RNU6-1080P
TC1100012510.hg.1	HYOU1
TC1300010015.hg.1	ANKRD20A9P; RNU6-55P
TC0800009654.hg.1	
TC0X00009077.hg.1	
TC1200008440.hg.1	pono
TC1700011742.hg.1	blanu
TC0300011293.hg.1	pleenabo
TC0X00009372.hg.1	BX842568.2
TC0800011064.hg.1	CALB1
TC1200009860.hg.1	RP11-22B23.2
TC1700009595.hg.1	
TC0600008257.hg.1	TRAM2-AS1

TC0800007316.hg.1	EIF4EBP1
TC0200015739.hg.1	ZNF142
TC0100007850.hg.1	SNORA63
TC2200006614.hg.1	GP1BB; SEPT5
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TC1200008627.hg.1	jeyjawby
TC0300010035.hg.1	SENP5
TC1500009904.hg.1	TLE3
TC1600009532.hg.1	zerpy
TC0500010936.hg.1	sluploby
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TC1000011690.hg.1	ARL3
TC0100015786.hg.1	POGZ
TC1500010844.hg.1	LOC100288637
TC0100010488.hg.1	DUTP6
TC2200007505.hg.1	3-Sep
TC1100007466.hg.1	LRP4-AS1
TC1600007208.hg.1	
TC0700012408.hg.1	AC004946.1
TC0300011461.hg.1	worpybu
TC0500012961.hg.1	fafley
TC2200008873.hg.1	LINC01315
TC0700006980.hg.1	CBX3
TC0100008804.hg.1	fleymarbo
TC1500006727.hg.1	U8
TSUnmapped00000566.hg.1	AC254960.1
TC1400009879.hg.1	
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TC1700012283.hg.1	LUC7L3
TC0200009964.hg.1	HAT1
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TC0100008625.hg.1	PDE4B
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TC0200012079.hg.1	smarkerbo
TC0600007599.hg.1	PRRC2A
TC1400008007.hg.1	CPSF2
TC0X00006810.hg.1	
TC1000010931.hg.1	
TC1900011827.hg.1	ZNF8
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TC0500007581.hg.1	CTD-2049O17.1

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TC1200006701.hg.1	NECAP1
TC0900009939.hg.1	
TC0Y00006679.hg.1	cheybu
TC0100016016.hg.1	NES
TC1200011094.hg.1	MIR548Z
TC1600007433.hg.1	CTD-2574D22.2
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TC1300008181.hg.1	CHAMP1
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TC1300006850.hg.1	AL161891.1
TC2200009007.hg.1	statey
TC0100009944.hg.1	PIP5K1A
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TC1100007874.hg.1	POLR2G
TC0200010219.hg.1	FAM171B
TC1100008435.hg.1	RNF169
TC0100007503.hg.1	NPM1P39
TC2000008853.hg.1	fortar
TC0700013432.hg.1	LOC101927746; RP11-132A1.4
TC0100007161.hg.1	RP4-657E11.10
TC0500012172.hg.1	gawsweebu
TC1600008197.hg.1	RP11-71L14.4
TC0200008232.hg.1	
TC1800008117.hg.1	
TC1100009177.hg.1	verklor
TC0200008973.hg.1	buswawby
TC0700012831.hg.1	worshyby
TC0100012421.hg.1	FAM41C
TC0100015924.hg.1	
TC0400007507.hg.1	
TC0200008537.hg.1	hutoyo
TC1700008822.hg.1	dersy
TC1100008540.hg.1	keygleebu
TC1700009812.hg.1	MIR548H3
TC0200007391.hg.1	
TC1900007993.hg.1	barcher
TC1900009961.hg.1	sterglaw

TC1900009808.hg.1	ADGRL1
TC1300006811.hg.1	PDS5B
TC1100007465.hg.1	tasnoby
TC0400011740.hg.1	AC093816.1
TC1500009535.hg.1	seeklar
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TC0100011284.hg.1	RP11-74C13.4
TC0100016454.hg.1	chukerbo
TC0600008667.hg.1	AL391416.1
TC1700009447.hg.1	reyskey
TC0200013740.hg.1	AC010884.2
TC1700008622.hg.1	RP11-927P21.1
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TC2000008918.hg.1	matar
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TC0800008100.hg.1	glozybu
TC0300007584.hg.1	RP11-755B10.2; DENND6A-AS1
TC2000007764.hg.1	AL050316.1
TC0300008783.hg.1	klaborbu
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TC0100017069.hg.1	LOC284578
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TC0900007302.hg.1	
TC0900010535.hg.1	AL354682.1
TC0300008358.hg.1	RP11-553D4.2
TC1100006827.hg.1	meeflerbu
TC0400010603.hg.1	
TC1100007128.hg.1	RP11-587D21.1
TC0600010351.hg.1	XX-C2158C6.1; XX-C2158C12.2
TC0100007635.hg.1	sakemo
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TC0700007910.hg.1	larzoyby
TC0400012458.hg.1	HPGD
TC0500010774.hg.1	MIR5687
TC1200011245.hg.1	PTPRB

TC0700010443.hg.1	STEAP1B
TC0700008292.hg.1	STEAP1
TC0700008293.hg.1	STEAP2
TC0200006630.hg.1	koystawby
TC2000007868.hg.1	
TC0100011399.hg.1	
TC1900009688.hg.1	
TC2000009604.hg.1	PMEP1
TC0600007812.hg.1	SNORA40
TC1000008646.hg.1	OLMALINC
TC0100017116.hg.1	C1orf116
TC0700007103.hg.1	slawky
TC1800007850.hg.1	COLEC12
TC0900009905.hg.1	CNTFR
TC0200016625.hg.1	
TC0700008745.hg.1	PRKAR2B
TC0200009436.hg.1	SNORA40
TC1100012367.hg.1	narna
TC1200009142.hg.1	sheyjaby
TC1100009106.hg.1	weyjawby
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TC1900011225.hg.1	KLKP1
TC1200008667.hg.1	HSP90B1
TC1700010271.hg.1	RP11-354P11.8; glerror
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TC0200013023.hg.1	keyjoybo
TC0400012473.hg.1	GPM6A
TC0600012274.hg.1	
TC0700007132.hg.1	FKBP9
TC1100007218.hg.1	swortubo
TC1200008167.hg.1	RP11-785D18.3
TC1100009108.hg.1	galerby
TC0500012588.hg.1	HAVCR1
TC0600011587.hg.1	doybloy
TC0600011635.hg.1	FKBP5
TC0300013072.hg.1	shorjeebu
TC0200013024.hg.1	zawklar
TC0900012136.hg.1	
TC0200013631.hg.1	flajybu
TC1900010310.hg.1	
TC0900007360.hg.1	
TC0200013633.hg.1	kleydey
TC1200011313.hg.1	NAP1L1

TC0300008528.hg.1	bybeebu
TC0100009148.hg.1	swerplo
TC1000012497.hg.1	BORCS7-ASMT
TC1600007882.hg.1	LOC102723373; RP11-44F14.2; RP11-44F14.8
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TC1600011574.hg.1	GINS2
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TC0200009659.hg.1	FABP5P10
TC0100010515.hg.1	sloymabu
TC1900008608.hg.1	KLK2
TC0600011637.hg.1	doykleebu
TC0200013843.hg.1	flokubo
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TC0X00007053.hg.1	MAOA
TC0400008483.hg.1	UGT8
TC0300008561.hg.1	PARP14
TC1800006440.hg.1	RP11-720L2.4
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TC0X00008790.hg.1	DUSP9
TC2000007871.hg.1	suraw
TC1100008948.hg.1	GRIA4
TC0700006625.hg.1	
TC0400011448.hg.1	tawsweebu
TC1900007495.hg.1	AC010329.1
TC1000011557.hg.1	LOC100270710
TC0600010572.hg.1	TUBB2B
TC0700011734.hg.1	
TC0600009755.hg.1	skyvoby
TC0400006645.hg.1	STX18-AS1
TC0900007359.hg.1	LINC01410
TC0X00007936.hg.1	CENPI
TC2200007841.hg.1	CU463998.3
TC0900009867.hg.1	
TC0500012817.hg.1	sperskeeby
TC2100007464.hg.1	
TC0900012127.hg.1	RP11-146D12.2
TC0700008361.hg.1	peekar
TC1100007510.hg.1	keeny
TC0100015935.hg.1	
TC0900009569.hg.1	NFIB

TC1100008149.hg.1	wostuby
TC1900011223.hg.1	KLK1
TC0500010865.hg.1	DEPDC1B
TC1000010405.hg.1	LOC441666
TC0400008252.hg.1	spustawbu
TC1200011312.hg.1	lerchar
TC0600011130.hg.1	HIST1H4C
TC0700007776.hg.1	BNIP3P42
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TC0700011151.hg.1	FKBP9P1
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TC0400011449.hg.1	nago
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TC0300012671.hg.1	snawdobu
TC1200010805.hg.1	gloyno
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TC0400008685.hg.1	vystorbu
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TC0200008859.hg.1	jawgorbu
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TC1400008724.hg.1	starcharbu
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TC0900009592.hg.1	PSIP1

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TC0100016952.hg.1	UBE2T
TC1900011226.hg.1	KLK4
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TC0Y00007304.hg.1	pabo
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TC1500007237.hg.1	SCG3
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TC0X00011368.hg.1	SNORD26; SNORD25; SNHG1
	SSX2; SSX2B

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TC1000008798.hg.1	SFR1
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TC0700011552.hg.1	keysmeebu
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TC1200012143.hg.1	CIT; MIR1178
TC1300007196.hg.1	DLEU2_6
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TC1700009870.hg.1	UBE2S; UBE2SP1
TC1300008938.hg.1	DLEU2; MIR15A; MIR16-1; MIR3613
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TC0100013071.hg.1	MFAP2
TC0700010466.hg.1	nacheeby
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TC1900007515.hg.1	ZNF738
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TC0200013785.hg.1	MIR548AU
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TC0600013206.hg.1	SLC18B1
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TC0300006820.hg.1	HMGB1P5
TC1600010352.hg.1	floyry
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TC0300006573.hg.1	EMC3-AS1
TC1200008813.hg.1	RP11-837J7.4

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TC0100013289.hg.1	flawlarbo
TC0100007858.hg.1	UTP11L
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TC1200008490.hg.1	RN7SL330P

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TC1700007938.hg.1	RPL21P4
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TC1100011480.hg.1	flyglarbu
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TC0900010930.hg.1	yomemu

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TC1100010979.hg.1	fleyspoyby
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TC0X00009117.hg.1	FANCB
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TC0200009978.hg.1	PDK1
TC1500008945.hg.1	
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TC1200011853.hg.1	doytubo
TC0500008878.hg.1	PCDHB17P
TC1600009803.hg.1	HMG2P3
TC1600007019.hg.1	AF001548.5
TC1900011920.hg.1	ZNF98
TC1600011383.hg.1	TMEM265; SRCAP
TC0400008183.hg.1	BMPR1B
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TC0200015269.hg.1	wawdu
TC0100009658.hg.1	SRGAP2C
TC1500006569.hg.1	SNORD108; SNORD64; PWAR5
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TC1900007620.hg.1	CTB-92J24.2
TC1500010914.hg.1	HDGFRP3
TC0100009145.hg.1	swoplo
TC0800012456.hg.1	RP11-383J24.6
TC2000008242.hg.1	RNF24
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TC0400011540.hg.1	wybobo
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TC1900010422.hg.1	skorcho; sleecho
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TC1400009923.hg.1	
TC1600011406.hg.1	CKLF-CMTM1
TC1700008232.hg.1	PDK2
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TC1600008025.hg.1	
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TC1100009080.hg.1	rawglybu
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TC0900008601.hg.1	
TC0100016832.hg.1	SEPT14P12
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TC0100018084.hg.1	mimaha
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TC0500008567.hg.1	
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TC0800007109.hg.1	
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TC2200008839.hg.1	HMG2P10

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TC1700008129.hg.1	Y_RNA
TC2000008516.hg.1	SNX5
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TC2200009182.hg.1	DUXAP8
TC1400006461.hg.1	DUXAP10; LINC01296
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TC2000007188.hg.1	MIR644A
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TC1500008091.hg.1	UBE2Q2P6
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TC0X00010582.hg.1	smygar
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TC0400010633.hg.1	spuflor

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TC0100009659.hg.1	plobey
TC1300008726.hg.1	TUBBP2
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TC0500007844.hg.1	CTC-564N23.2
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TC0100017733.hg.1	TSNAX
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TC1200012086.hg.1	parney
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TC1300006890.hg.1	EXOSC8
TC0100011549.hg.1	FLVCR1
TC0100015793.hg.1	POGZ
TC0900010918.hg.1	parplawbu
TC0300009784.hg.1	muveebo
TC1800008482.hg.1	TPGS2
TC1600010590.hg.1	RP11-403P17.2; RP11-403P17.6
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TC0800012235.hg.1	jorblu

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TC1600009250.hg.1	RP11-127I20.8
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TC0800008315.hg.1	zervarby
TC1900008615.hg.1	CTC-518B2.12
TC0700013534.hg.1	GGCT
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TC0200009433.hg.1	gorgabo
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TC0100015552.hg.1	spazeybo; sperzerbo
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TC1900007502.hg.1	ZNF85
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TC0200015448.hg.1	teydaw
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TC1700006558.hg.1	RP11-135N5.3
TC1700011137.hg.1	persler
TC0800007059.hg.1	buworby
TC0400007074.hg.1	
TC0700009852.hg.1	torjoy
TC1500007056.hg.1	ADAL
TC0100015725.hg.1	ANP32E
TC0500007044.hg.1	CDH6
TC1000011478.hg.1	CYP2C8
TC0300008950.hg.1	godubu

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TC0900011262.hg.1	POLE3
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TC1200009043.hg.1	sheygoyby
TC0800011458.hg.1	gyverby
TC1700007606.hg.1	TAF15
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TC1700007257.hg.1	AC087294.2; teeroy
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TC1100012712.hg.1	ACRV1
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TC1400008546.hg.1	LINC01296; DUXAP10
TC1100009423.hg.1	ferchor
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TC0200010637.hg.1	gorgobu
TC2200007089.hg.1	slarpoy
TC0400010887.hg.1	bygaw
TC1200009446.hg.1	jukarby
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TC0400010669.hg.1	MTCO3P42
TC0100011273.hg.1	burabu
TC1000008937.hg.1	LOC103344931; RP11-57H14.4
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TC2100006458.hg.1	CH507-254M2.2
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TC0100012233.hg.1	zerkloy
TC0500010135.hg.1	gerskeybu
TC1600008277.hg.1	SNORD111
TC0100008644.hg.1	skernubu
TC0700006941.hg.1	NPY
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TC0800010685.hg.1	MYBL1
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TC0100009700.hg.1	SRGAP2D
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TC0700007410.hg.1	sweesmubu
TC2200007616.hg.1	neyror
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TC1600010809.hg.1	TXNL4B
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TC1500006681.hg.1	PDCD6IPP2
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TC0400006479.hg.1	nersperby
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TC0100014179.hg.1	sneyboy
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TC1700006804.hg.1	PFAS
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TC1000012478.hg.1	RP11-119K6.6
TC0600009534.hg.1	MYB
TC0700007005.hg.1	HOXA10-AS
TC0600012038.hg.1	MCM3
TC1500008188.hg.1	CTD-2262B20.1
TC2200009018.hg.1	swatey
TC0300011278.hg.1	FAM116A
TC2200006986.hg.1	blypey
TC0300006575.hg.1	FANCD2
TC1700010299.hg.1	CTD-2349P21.11
TC0500007917.hg.1	zustawby
TC1100010690.hg.1	klomaw
TC0400009676.hg.1	
TC1600007884.hg.1	RP11-44F14.10
TC1900011760.hg.1	APOC1P1
TC0100017073.hg.1	SLC45A3
TC0600011143.hg.1	HIST1H2APS4
TC0600011228.hg.1	HIST1H2AK
TC0600011127.hg.1	HIST1H1C

TC1700007591.hg.1	E2F3P1
TC1200006561.hg.1	RAD51AP1
TC0400006994.hg.1	NCAPG
TC1700011897.hg.1	
TC1800008333.hg.1	DHFR; DHFRP1
TC1500006999.hg.1	NUSAP1
TC0300013447.hg.1	RFC4
TC0700013290.hg.1	NCAPG2
TC1900011060.hg.1	LIG1
TC1700010763.hg.1	BRCA1
TC0300012883.hg.1	snervawbo
TC2000008917.hg.1	loytar
TC0300007138.hg.1	koyfawbo
TC0600007268.hg.1	HIST1H4C
TC1500010880.hg.1	TIPIN
TC1000010686.hg.1	ZWINT
TC0900009572.hg.1	stershaw
TC0700012508.hg.1	
TSUnmapped00000627.hg.1	KIF15
TC1700009828.hg.1	
TC0100015544.hg.1	HIST2H2BB; HIST2H3PS2
TC0600007383.hg.1	Z98744.3
TC1200011330.hg.1	E2F7
TC1200006452.hg.1	RNU4ATAC16P
TC1200010882.hg.1	RP11-973D8.4
TC0800007552.hg.1	MCM4
TC1300010018.hg.1	
TC0900006683.hg.1	sweesper
TC1100011687.hg.1	RP11-111M22.3
TC1200006627.hg.1	NCAPD2
TC1600011405.hg.1	GINS3
TC1300008280.hg.1	SKA3
TC0500009377.hg.1	SPDL1
TC1200010277.hg.1	OVOS2
TSUnmapped00000190.hg.1	KIF15
TC0600011124.hg.1	HIST1H3B
TC0600012498.hg.1	RP11-393I2.2
TC1100012031.hg.1	
TC0400009396.hg.1	NEIL3
TC1200008010.hg.1	gawflubu
TC1400009248.hg.1	DLGAP5
TC0500010928.hg.1	CENPK
TC1600008901.hg.1	stuboby

TC2200006954.hg.1	HMGB1P10
TC1700009985.hg.1	sluveebu
TC1000012496.hg.1	AS3MT
TC2100007949.hg.1	MIS18A
TC1200011096.hg.1	buney
TC0100011871.hg.1	HIST3H2BB
TC0800008726.hg.1	TBC1D31
TC0500006472.hg.1	TRIP13
TC0200011885.hg.1	TTC32
TC0100017298.hg.1	
TC1700010731.hg.1	PSMC3IP
TC1600006880.hg.1	RP11-27M24.1
TC0100008150.hg.1	RAD54L
TC1800007215.hg.1	HAUS1
TC1700012199.hg.1	PIGL
TC0700013289.hg.1	
TC1600011292.hg.1	FANCA
TC0300008868.hg.1	rasmaby
TC1300007248.hg.1	CKAP2
TC0900006684.hg.1	veesaby
TC0300009337.hg.1	SMC4
TC1300007236.hg.1	FABP5P2
TC0100007216.hg.1	nokumo
TC0400010750.hg.1	NMU
TC1100012918.hg.1	
TC1700010847.hg.1	GJC1
TC2100007564.hg.1	SLC25A15P4
TC0X00006888.hg.1	CKS1BP6
TC0200008633.hg.1	
TC1600007718.hg.1	ORC6
TC0800007065.hg.1	CDCA2
TC0600012631.hg.1	MMS22L
TC0400007581.hg.1	
TC0100007509.hg.1	spamerbo
TC1100013111.hg.1	CHEK1
TC1900009360.hg.1	AC005339.2
TC1300006969.hg.1	LOC101929140; RP11-74J13.8
TC1400009128.hg.1	CDKL1
TC0600011137.hg.1	AL031777.1
TC1800006484.hg.1	NDC80
TC2100006461.hg.1	LOC100507412; CH507-513H4.1
TC1500007392.hg.1	CCNB2
TC0300010476.hg.1	SGOL1

TC0200012713.hg.1	BCL11A
TC1700008625.hg.1	RP11-583F2.2
TC0300008593.hg.1	soyberbu
TC1800009289.hg.1	ACAA2
TC1700006991.hg.1	moda
TC0600010951.hg.1	spersneybu
TC1900009826.hg.1	smertobu
TC0300006795.hg.1	SGOL1-AS1
TC0800011679.hg.1	ATAD2
TC0100009020.hg.1	CDC7
TC0500007666.hg.1	CENPH
TC0100018083.hg.1	mimaha
TC1200007217.hg.1	
TC0300011173.hg.1	NT5DC2
TC1200008131.hg.1	chuno
TC2100007487.hg.1	Y_RNA
TC2100007504.hg.1	Y_RNA
TCUn_GL000195v100006434.hg.1	Y_RNA
TC1000012235.hg.1	MKI67
TC0200012297.hg.1	SRSF7
TC0300008702.hg.1	MCM2
TC1500007549.hg.1	
TC1200008544.hg.1	NEDD1
TC0400008580.hg.1	
TC1000008471.hg.1	KIF11
TC1300008079.hg.1	
TC0800007119.hg.1	ESCO2
TC1200008113.hg.1	NUP107
TC1200006510.hg.1	
TSUnmapped00000642.hg.1	AC254944.3
TC0600007543.hg.1	MDC1-AS1; XXbac-BPG27H4.7
TC1900007587.hg.1	
TC2200006465.hg.1	LL22NC03-N64E9.1
TC0100014543.hg.1	DEPDC1
TC0200006977.hg.1	CENPO
TC1500006938.hg.1	RP11-133K1.11
TC0200013878.hg.1	BUB1
TC2000008279.hg.1	PCNA
TC0400009037.hg.1	MND1
TC1200007559.hg.1	TROAP
TC1100010065.hg.1	sermer
TC1200010795.hg.1	RARG

TC1700011364.hg.1	BRIP1
TC0100011346.hg.1	
TC1700009627.hg.1	YBX2
TC0400009779.hg.1	Y_RNA
TC1800008233.hg.1	
TC1200007819.hg.1	CDK2
TC0500008309.hg.1	CAMK4
TC1200009621.hg.1	FOXM1
TC1200008134.hg.1	YEATS4
TC2100006510.hg.1	
TC1900011696.hg.1	CTD-2291D10.4
TC0500011280.hg.1	DHFR
TC2100006477.hg.1	LOC100507412; CH507-528H12.1
TC1100013165.hg.1	SLC43A3
TC1500009147.hg.1	torpor
TC0800009646.hg.1	farblorby
TC0700009861.hg.1	
TC0100015507.hg.1	HIST2H3DP1
TC2100006449.hg.1	CH507-254M2.3
TC1900007498.hg.1	
TC0X00011353.hg.1	ASB9
TC0100015563.hg.1	plawmeybo
TC0400007714.hg.1	
TC1900007116.hg.1	gugly
TC1500007699.hg.1	KIF23
TC0600011379.hg.1	MDC1
TC1100011288.hg.1	MRPL11
TC0100011582.hg.1	gornubu
TC1700008066.hg.1	vuslaw
TC0100009702.hg.1	snuzeybo
TC0600011234.hg.1	HIST1H4L
TC0700006605.hg.1	
TC0900009418.hg.1	flupawbu
TC0500010515.hg.1	NUP155
TC1300006802.hg.1	BRCA2
TC1500010421.hg.1	RP11-617F23.1
TC0500010655.hg.1	
TC0100014431.hg.1	DLEU2_6
TC0200016553.hg.1	DAPL1; OR7E89P
TC0500010599.hg.1	OXCT1
TC0X00011365.hg.1	SSX5
TC17_GL000205v2_random00 006440.hg.1	Y_RNA

TC2100007505.hg.1	CH507-338C24.1
TC1500007077.hg.1	WDR76
TC1900006628.hg.1	NFIC
TC2200009288.hg.1	TRMU
TC0200015093.hg.1	ZNF385B
TC0100014880.hg.1	
TC1500007781.hg.1	zeyper
TC0100013369.hg.1	STMN1; MIR3917
TC1700011469.hg.1	RP11-927P21.12
TC0400007478.hg.1	RP11-1281K21.8
TC1900010144.hg.1	CTD-2561J22.5
TC1500010463.hg.1	PRC1
TC0800011137.hg.1	RAD54B; FSBP
TC2000009026.hg.1	RBL1
TC0500013330.hg.1	
TC0600011225.hg.1	HIST1H2AJ
TC1100007995.hg.1	CDCA5
TC0400012481.hg.1	
TC1500006963.hg.1	CASC5
TC0600011451.hg.1	RNU6-850P
TC0100015701.hg.1	HIST2H3A; HIST2H3C
TC0600007266.hg.1	HIST1H1C
TC1200012572.hg.1	ITFG2
TC0300009975.hg.1	flarnarbo
TC0600011917.hg.1	
TC0800008120.hg.1	LRRCC1
TC0700010497.hg.1	SUMO2P14
TC0600013602.hg.1	FBXO5
TC0800010980.hg.1	RP11-98H4.4
TC0X00007180.hg.1	
TC2200007130.hg.1	
TC0300006964.hg.1	nawfubo
TC2200009167.hg.1	
TC1300008291.hg.1	HIST1H2BPS3
TC0100012287.hg.1	
TC0600012845.hg.1	
TC1200012533.hg.1	POLE
TC1500007829.hg.1	LOXL1
TC0100013455.hg.1	RPA2
TC2100007496.hg.1	CH507-154B10.1; CH507-145C22.3
TC2100006445.hg.1	Y_RNA
TC2000007438.hg.1	MYBL2
TC1700008438.hg.1	RAD51C

TC2000007089.hg.1	TPX2
TC0200007999.hg.1	ZNF638
TC1200007208.hg.1	DDX11
TC2100008307.hg.1	stogu
TC0100008057.hg.1	CDC20
TSUnmapped00000695.hg.1	ARHGAP11A
TC1700011012.hg.1	
TC1600007017.hg.1	CTB-193M12.5
TC1000008585.hg.1	MARVELD1
TC0700013162.hg.1	PAXIP1
TC1500009353.hg.1	CEP152
TC0700007804.hg.1	SNORA63
TC0400009856.hg.1	LYAR
TC1500006447.hg.1	CHEK2P2
TC0200010484.hg.1	gaklu
TC1600010592.hg.1	
TC0400009181.hg.1	RP11-218F10.3
TC1700009888.hg.1	CENPV
TC0400009683.hg.1	AC092574.2
TC0100011581.hg.1	CENPF
TC0100007045.hg.1	snurawbo
TC1700009484.hg.1	RP11-235E17.4
TC0X00009606.hg.1	SSX3
TC1600008924.hg.1	POLR3K
TC1100012030.hg.1	werchee
TC0300006720.hg.1	
TC1600007177.hg.1	leypo
TC1100012948.hg.1	IFITM2
TC0700007198.hg.1	ANLN
TC0100015705.hg.1	
TC0100016441.hg.1	CENPL
TC0100006443.hg.1	storubu
TC1700010451.hg.1	RDM1
TC2200007838.hg.1	AC116618.1
TC1000012564.hg.1	DNAJC9
TC1100009657.hg.1	IFITM3
TC0300009524.hg.1	ECT2
TC0700007349.hg.1	stawblar
TC1100013021.hg.1	FEN1
TC1400009242.hg.1	WDHD1
TC0100009877.hg.1	HIST2H3A
TC1600010591.hg.1	
TC1500009934.hg.1	RP11-673C5.1

TC1300006847.hg.1	RFC3
TC0100010397.hg.1	NUF2
TC0100008023.hg.1	PPIH
TC0600011185.hg.1	HIST1H2BK
TC0500010514.hg.1	CTD-2124B8.2
TC1600009922.hg.1	
TC1000008482.hg.1	CEP55
TC1100012513.hg.1	H2AFX
TC1000008385.hg.1	STAMBPL1
TC0900006736.hg.1	CNTLN
TC1700009204.hg.1	RP11-498C9.16
TC1400007173.hg.1	RP11-589M4.1; tawwobo
TC0400012620.hg.1	CENPU
TC1700012265.hg.1	MEIOC
TC0600007380.hg.1	HIST1H2AL; HIST1H2BN
TC2200008847.hg.1	CENPM
TC0100013426.hg.1	snoymerbo
TC0200007558.hg.1	AC007682.2

Supplementary Table 3. List of genes ≥ 2 -fold elevated in control shRNA vs. ELK1 shRNA

Control shRNA vs. ELK1 shRNA	
ID	GeneID
TC0400012955.hg.1	
TC1900006896.hg.1	HNRNPM
TC0X00010382.hg.1	BEX5
TC0400012956.hg.1	ELOVL6
TC0100014806.hg.1	15-Sep
TC1900011641.hg.1	OAZ1
TC1300006641.hg.1	NUP58
TC0300012236.hg.1	MUC13
TC0200009487.hg.1	SPOPL
TC1500008615.hg.1	
TC0300008565.hg.1	LOC100129550; RP11-67L2.2
TC0Y00007159.hg.1	RP11-424G14.1
TC0500011984.hg.1	HINT1
TC0600009059.hg.1	FOXO3
TC1100007227.hg.1	HIPK3
TC0200014616.hg.1	
TC0600009797.hg.1	
TC0100013634.hg.1	TMEM54
TC0100014522.hg.1	GNG12
TC1200012629.hg.1	DAZAP2
TC0300013058.hg.1	GOLIM4
TC0700010015.hg.1	INTS1
TC0X00009760.hg.1	SMC1A
TC0200015144.hg.1	norkla
TC1600006833.hg.1	RP11-77H9.5
TC1900007115.hg.1	NFIX
TC0600007901.hg.1	sneykleebu
TC1200010248.hg.1	RP11-996F15.5
TC1700010201.hg.1	RP11-192H23.8
TC0800007004.hg.1	RHOBTB2
TC0500013109.hg.1	ZFP62
TC1200012658.hg.1	
TC1100010520.hg.1	
TC1200008814.hg.1	ANKRD13A
TC0200012607.hg.1	MIR3682
TC0X00008662.hg.1	RP5-824H1.1
TC1900011310.hg.1	CTD-3099C6.9
TC0800011566.hg.1	RAD21
TC1900007954.hg.1	chysey

TC2100007318.hg.1	RRP1B
TC1000012324.hg.1	
TC0400011525.hg.1	barglu
TC1900007005.hg.1	SMARCA4
TC1900009129.hg.1	AC011558.5
TC0200016232.hg.1	
TC0700013614.hg.1	AC000123.3; AC000123.2; slorblarby
TC1100008408.hg.1	vumeeby
TC1900008824.hg.1	MYADM
TC0X00010509.hg.1	GNG5P2
TC0100011358.hg.1	LOC103021295
TC0500010461.hg.1	
TC1200007138.hg.1	RP11-421F16.3
TC1100010529.hg.1	
TC1600010712.hg.1	hawaru
TC1200012787.hg.1	PUS7L
TC1900011551.hg.1	blawsaw
TC0300010371.hg.1	snawspawby
TC1500008171.hg.1	sochabu
TC0800008723.hg.1	sneyskerbu
TC1000007701.hg.1	TFAM
TC1100009864.hg.1	RHOG
TC1200007598.hg.1	plyflo
TC0600006929.hg.1	peyglebybu
TC0100017765.hg.1	smorby
TC0500012227.hg.1	
TC0100017623.hg.1	
TC0700008102.hg.1	lerblaby
TC0300007067.hg.1	MYD88
TC0100007486.hg.1	SFN
TC0500009741.hg.1	
TC1200006455.hg.1	
TC0400012824.hg.1	HERC3
TC0400006433.hg.1	ZNF595
TC1400009549.hg.1	
TC1900007181.hg.1	TECR; MIR639
TC1700008089.hg.1	barwee
TC1200007560.hg.1	DNAJC22
TC0500008064.hg.1	
TC0900012047.hg.1	
TC0500012373.hg.1	basteyby
TC1900009545.hg.1	
TC1200012187.hg.1	steybleebu

TC1100010538.hg.1	
TC1000010102.hg.1	joymorby
TC0900008949.hg.1	NCS1
TC1500009146.hg.1	
TC0700012531.hg.1	
TC0500011255.hg.1	MTX3
TC1000009173.hg.1	
TC0400009734.hg.1	
TC2100006600.hg.1	AF127577.10
TC0600009448.hg.1	larpleybu
TC0100015629.hg.1	FMO5
TC2100008066.hg.1	
TC0400006519.hg.1	CRIPAK
TC1900009267.hg.1	
TC2200007828.hg.1	RPL23AP82
TC0800010663.hg.1	ARMC1
TC0900009645.hg.1	HAUS6
TC1900009709.hg.1	
TC0400011506.hg.1	perglu
TC0500007868.hg.1	SCAMP1
TC1100009038.hg.1	GNG5P3
TC0600007514.hg.1	nusawby
TC0X00010626.hg.1	
TC0100010389.hg.1	HSD17B7
TC0100006806.hg.1	UBE4B
TC0200013317.hg.1	
TC1700008419.hg.1	RP11-159D12.8
TC0100013353.hg.1	
TC0800007535.hg.1	shuchorby
TC1900009931.hg.1	CTC-429P9.3
TC0300007887.hg.1	
TC0500010421.hg.1	storflar
TC1600009566.hg.1	jeewoy
TC1200011473.hg.1	RP11-734K2.3
TC1900007288.hg.1	CTC-429P9.1
TC1800007523.hg.1	PHLPP1
TC1200007267.hg.1	torire
TC2200006987.hg.1	blypey
TC2200008106.hg.1	stawfy
TC0200012990.hg.1	woklar
TC0900009912.hg.1	SIGMAR1
TC0100011728.hg.1	
TC0100011953.hg.1	ARV1

TC0600013874.hg.1	GNG5P1
TC0700011908.hg.1	tawshorby
TC0100016173.hg.1	CFAP126
TC0200013493.hg.1	
TC0X00011200.hg.1	
TC1700009963.hg.1	
TC0700011925.hg.1	
TC0400012051.hg.1	tabeebo
TC0200013278.hg.1	GGCX
TC1600009865.hg.1	NUPR1
TC0700008484.hg.1	reenawby
TC0900007031.hg.1	RP11-571F15.2
TC1200009078.hg.1	RP11-131L12.3
TC1900010355.hg.1	skartey
TC0100010286.hg.1	skerler
TC2100007078.hg.1	
TC1700010782.hg.1	titari
TC1100012418.hg.1	BUD13
TC2000009956.hg.1	PCMTD2
TC1000012555.hg.1	LOC399753; wapoyby
TC1900007329.hg.1	PGLS
TC1400007281.hg.1	
TC0800007027.hg.1	SLC25A37
TC1000011005.hg.1	P4HA1
TC1200012145.hg.1	RAB35
TC1200008908.hg.1	jabyby
TC0100013202.hg.1	zulorbu
TC0100011770.hg.1	EPHX1
TC1700012260.hg.1	COASY
TC1800008517.hg.1	stersu
TC0800006663.hg.1	ERI1
TC1400009157.hg.1	
TC0200009687.hg.1	ARL6IP6
TC0X00007285.hg.1	XAGE1B; XAGE1E
TC0300012540.hg.1	weydybu
TC0700010679.hg.1	sularby
TC1500007459.hg.1	
TC1500006818.hg.1	EMC4
TC2200007982.hg.1	UFD1L
TC1900010555.hg.1	LOC284412; CTD-3220F14.1
TC1900009820.hg.1	DDX39A
TC0600011374.hg.1	
TC0100010125.hg.1	RNU6-1297P

TC0X00008060.hg.1	
TC0100018562.hg.1	AIDA
TC0200008421.hg.1	
TC0100014752.hg.1	GNG5
TC0800011629.hg.1	
TC1700011370.hg.1	slosa
TC1100011105.hg.1	RNU6-118P
TC0200013083.hg.1	
TC0300012553.hg.1	glardybu
TC1500009623.hg.1	BNIP2
TC1100009817.hg.1	PHLDA2
TC1000007639.hg.1	
TC1200007162.hg.1	Y_RNA
TC2000008751.hg.1	
TC1000011485.hg.1	PDLIM1
TC1800008580.hg.1	PSTPIP2
TC0200008666.hg.1	IL1R1
TC0200013359.hg.1	snukerbu
TC1700011454.hg.1	satama
TC1600009747.hg.1	
TC0200008031.hg.1	SPR
TC2000009886.hg.1	PANK2
TC0200014904.hg.1	
TC1500010945.hg.1	LINS1
TC0900006611.hg.1	skerpoybu
TC1900009227.hg.1	LSM7
TC0600006930.hg.1	koyjar
TC1200012499.hg.1	tuflobu
TC0100006755.hg.1	ENO1
TC1200007233.hg.1	
TC0200015740.hg.1	snogarbu
TC1900010160.hg.1	vytawbu
TC0800007114.hg.1	SCARA3
TC1900011357.hg.1	
TC1100006480.hg.1	
TC0600008655.hg.1	TPBG
TC0200016578.hg.1	NUP35
TC0700012094.hg.1	derskarby
TC0Y00006526.hg.1	RP11-115H13.1
TC1600007454.hg.1	pluner
TC1200006825.hg.1	
TC1200009725.hg.1	dageyby
TC1600010884.hg.1	roraru

TC1900008689.hg.1	PPP2R1A
TC1500006967.hg.1	GCHFR
TC1900006528.hg.1	NDUFS7
TC1700006761.hg.1	
TC1900006994.hg.1	DNM2
TC1200009726.hg.1	swawchu
TC1900010157.hg.1	VN1R84P
TC0800009882.hg.1	
TC0X00009982.hg.1	
TC1800006748.hg.1	SEH1L
TC1800008412.hg.1	
TC0800010524.hg.1	IMPAD1
TC1400006513.hg.1	PARP2
TC1700011738.hg.1	RP11-649A18.5
TC0800008916.hg.1	EFR3A
TC0X00007216.hg.1	
TC2200008264.hg.1	
TC0100009961.hg.1	spawbee
TC1200010871.hg.1	styjoyby
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TC0800010753.hg.1	smuwarby
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TC2200008785.hg.1	skerfoy
TC1100011092.hg.1	GANAB
TC2200007459.hg.1	klerchaw
TC1600006909.hg.1	
TC0900006486.hg.1	meelo
TC0600008066.hg.1	KLHDC3
TC1000006797.hg.1	
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TC0300014085.hg.1	TBCCD1
TC0500011259.hg.1	wygey
TC0900008207.hg.1	SEC61B
TC1900008741.hg.1	CTD-2245F17.6; teeseebu
TC0200012989.hg.1	wuklar
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TC0100013684.hg.1	slerkley
TC0500007770.hg.1	FOXD1-AS1; RP11-79P5.2
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TC0X00007130.hg.1	sperfor
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TC0500008094.hg.1	kaswabu
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TC0100013271.hg.1	rawabo
TC0300009525.hg.1	flawkerbu
TC0200010419.hg.1	SGOL2
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TC1500006435.hg.1	
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TC0800007014.hg.1	skukoy
TC1000008800.hg.1	GSTO1
TC2200008179.hg.1	C22orf43
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TC2100008171.hg.1	LCA5L
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TC1000006924.hg.1	ARL5B
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TC0400012001.hg.1	plarfley
TC0900009335.hg.1	fleewarby; rawswey
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TC0300013977.hg.1	C3orf62
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TC1900007433.hg.1	tygley
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TC0500013229.hg.1	C5orf24
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TC1900010232.hg.1	buteebu
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TC1900006996.hg.1	smafley
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TC0X00009356.hg.1	TMEM47
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TC0200015446.hg.1	LOC645805
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TC0300013296.hg.1	DNAJC19
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TC0100007538.hg.1	PPP1R8
TC0300009613.hg.1	USP13
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TC2200009181.hg.1	setara

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TC0100008101.hg.1	KIF2C
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TC1300008371.hg.1	CENPJ
TC0100013700.hg.1	CLSPN
TC0600011231.hg.1	Z98744.2
TC0600007565.hg.1	TCF19
TC0600014348.hg.1	NHSL1
TC1500010715.hg.1	BUB1B
TC2200008189.hg.1	DERL3
TC0400011620.hg.1	ZGRF1
TC2000007135.hg.1	RP5-1085F17.3
TC0300013458.hg.1	RPL39L
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TC1800006448.hg.1	TYMS
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TC1700007374.hg.1	kloyslo
TC1500010707.hg.1	ARHGAP11B
TC2000009550.hg.1	AURKA
TC1200008843.hg.1	FAM216A

TC0300011360.hg.1	PTPRG-AS1
TC1000010986.hg.1	RP11-442H21.2
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TC0100009900.hg.1	CIART
TC0100010100.hg.1	CKS1B
TC0800009323.hg.1	
TC0200013912.hg.1	CKAP2L
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TC0100017218.hg.1	jerrerbo
TC2000008314.hg.1	
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TC0200014845.hg.1	SPC25
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TC0800008254.hg.1	blarboyby
TC0900008227.hg.1	kumire
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TC0300012475.hg.1	TOPBP1
TC0800010630.hg.1	GGH
TC0400011477.hg.1	CENPE
TC0600007138.hg.1	E2F3
TC1300009088.hg.1	DIAPH3
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TC0700011552.hg.1	keysmeebu
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TC1300007196.hg.1	DLEU2_6

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TC0100013071.hg.1	MFAP2
TC0700010466.hg.1	nacheeby
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TC0600014139.hg.1	PRIM2

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TC0300007480.hg.1	blofoybo
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TC1000010847.hg.1	DNA2
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TC1600007955.hg.1	MT3
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TC1200006447.hg.1	LOC100049716; RP11-218M22.1
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TC0800008681.hg.1	gychoby
TC2100007485.hg.1	CH507-42P11.1
TC1800009258.hg.1	ZNF519

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TC1100012949.hg.1	IFITM1
TC1100011480.hg.1	flyglarbu
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TC1200007616.hg.1	chawjorby
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TC1200012697.hg.1	RN7SL737P
TC0700011698.hg.1	TMEM243
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TC1800009011.hg.1	NETO1
TC0900010930.hg.1	yomemu
TC0X00008127.hg.1	
TC0300011732.hg.1	veedubo
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TC1600009102.hg.1	RNPS1
TC0600011697.hg.1	CCDC167
TC1100010979.hg.1	fleyspoyby
TC2100008499.hg.1	SMIM11A
TC0200008791.hg.1	AC009963.4
TC0X00009117.hg.1	FANCB
TC1900006870.hg.1	CTD-3193O13.14
TC0200009978.hg.1	PDK1
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TC1100007053.hg.1	RP11-701I24.1
TC1200011853.hg.1	doytubo
TC0500008878.hg.1	PCDHB17P
TC1600009803.hg.1	HMG2P3
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TC1900011920.hg.1	ZNF98
TC1600011383.hg.1	TMEM265; SRCAP
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TC0300009452.hg.1	RP11-362K14.7
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TC0100009658.hg.1	SRGAP2C

TC1500006569.hg.1	SNORD108; SNORD64; PWAR5
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TC2100006435.hg.1	RP11-717F1.2
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TC0100009145.hg.1	swoplo
TC0800012456.hg.1	RP11-383J24.6
TC2000008242.hg.1	RNF24
TC0X00011326.hg.1	HPRT1
TC0400011540.hg.1	wybobo
TC1500009227.hg.1	AC011330.13
TC1400009667.hg.1	RP4-693M11.3
TC1700007134.hg.1	UBE2SP2
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TC0700012273.hg.1	cherkaw
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TC0200010295.hg.1	shystoyby
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TC0900007742.hg.1	Y_RNA
TC0300010993.hg.1	gafeybo
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TC0100017523.hg.1	LIN9
TC1700011472.hg.1	RP11-583F2.6

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TC0500012975.hg.1	DBN1
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TC0100018081.hg.1	ZNF670; ZNF695; ZNF670-ZNF695
TC1600011527.hg.1	VKORC1
TC0100013297.hg.1	warlee
TC0600010918.hg.1	mowame; RP3-467D16.3
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TC1900010422.hg.1	skorcho; sleecho
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TC2200008304.hg.1	sweefu
TC0400011520.hg.1	yosume
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TC0600012118.hg.1	RP11-323I14__A.1
TC0400010657.hg.1	mawvobo
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TC1600007959.hg.1	MT1E
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TC1600010850.hg.1	kukiri
TC0800006567.hg.1	MIR4659A
TC0900012212.hg.1	PLIN2
TC0100007690.hg.1	RBBP4
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TC0600009967.hg.1	swajee
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TC1100011740.hg.1	RNU6-126P
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TC1200012339.hg.1	lucho
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TC0300008133.hg.1	CMSS1
TC1200012338.hg.1	THRIL
TC1600007468.hg.1	farweybu
TC0500008567.hg.1	
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TC0800007900.hg.1	keegarby
TC0800008546.hg.1	ENY2
TC2000008315.hg.1	

TC0800008746.hg.1	DUTP2
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TC1700011303.hg.1	AC005702.2
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TC1400007440.hg.1	MTHFD1
TC0200010483.hg.1	SNORD11
TC1900011382.hg.1	MYADM
TC0100014762.hg.1	SSX2IP
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TC1700008129.hg.1	Y_RNA
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TC0X00010582.hg.1	smygar
TC2100008424.hg.1	SLC19A1
TC0400010633.hg.1	spuflor
TC1400008364.hg.1	wersyby
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TC1800006834.hg.1	SNRPD1
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TC1600009250.hg.1	RP11-127I20.8
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TC0900008078.hg.1	RP11-435O5.4
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TC0800011458.hg.1	gyverby
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TC1700007257.hg.1	AC087294.2; teeroy
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TC1400008546.hg.1	LINC01296; DUXAP10

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TC2200007089.hg.1	slarpoy
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TC1200009446.hg.1	jukarby
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TC0100008644.hg.1	skernubu

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TC2200007616.hg.1	neyror
TC1600007411.hg.1	kleyner
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TC1900008121.hg.1	SNRPA
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TC0100014179.hg.1	sneyboy
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TC0400012551.hg.1	DCTD
TC0700011821.hg.1	SGCE
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TC0900011061.hg.1	
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TC0100007760.hg.1	ZMYM1
TC0900009476.hg.1	talo
TC0200007928.hg.1	spoydarbu
TC1700006804.hg.1	PFAS
TC0100014158.hg.1	smorboy
TC0400008054.hg.1	soflor
TC0100012817.hg.1	vuply
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TC0600012883.hg.1	TUBE1
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TC0700008330.hg.1	zawnuby
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TC1500009085.hg.1	
TC0Y00007152.hg.1	
TC1500010848.hg.1	WHAMMP1
TC0700008539.hg.1	
TC0500012937.hg.1	NOP16
TC1600011407.hg.1	CMTM1
TC1600011360.hg.1	SYT17
TC1400008629.hg.1	wuswer

TC0400006440.hg.1	fysperby
TC0600009626.hg.1	ABRACL
TC0400011615.hg.1	RP11-73K9.3
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TC0400007699.hg.1	RP11-396M11.1
TC1100007095.hg.1	LUZP2
TC0600007262.hg.1	HIST1H3A
TC0100013972.hg.1	steypobu
TC1700012077.hg.1	RP11-498C9.15
TC0200010735.hg.1	RP11-566E18.1
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TC1500010704.hg.1	CTD-3092A11.2; TCONS_l2_00008519
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TC0100010834.hg.1	
TC1500010913.hg.1	
TC0700010694.hg.1	NT5C3
TC0700012019.hg.1	sparsmeybu
TC0X00007191.hg.1	EBP
TC0X00008395.hg.1	chuna
TC1500009200.hg.1	TTBK2
TC1000007791.hg.1	zeynyby
TC2200008355.hg.1	
TC0600014150.hg.1	SMIM8
TC1900007472.hg.1	AC078899.2
TC1500008748.hg.1	slawswo
TC0500007573.hg.1	peeploby
TC0700010902.hg.1	chertorbo
TC0600008360.hg.1	XXbac-BPG55C20.7
TC0600012645.hg.1	soglerby
TC1900009343.hg.1	
TC1700012139.hg.1	
TC1500008281.hg.1	RNU7-111P
TC1700012138.hg.1	RP13-638C3.4
TC0100006724.hg.1	RP3-467L1.6
TC1900007619.hg.1	ZNF726; ZNF92P3
TC0300007237.hg.1	LIMD1
TC0100007787.hg.1	nerrawbu

TC0600007534.hg.1	PRR3
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TC0200015267.hg.1	kloyfoybu
TC1700010777.hg.1	U2
TC0900007953.hg.1	CENPP
TC1300008930.hg.1	chorwarby
TC1600007568.hg.1	
TC2000009623.hg.1	glawraw
TC1200007931.hg.1	SLC16A7
TC0700011783.hg.1	zeynuby
TC0700007473.hg.1	AC069282.6
TC0300012216.hg.1	CCDC14
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TC1200011429.hg.1	AC021887.1
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TC0900009489.hg.1	GLDC
TC0100008643.hg.1	skernubu
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TC1400010599.hg.1	TTC6
TC0600013731.hg.1	beeflawby
TC0100013165.hg.1	sorkorbu
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TC1600010495.hg.1	wersnar
TC1000008436.hg.1	kyparby
TC0900010886.hg.1	PTCH1
TC1500010610.hg.1	RP11-6O2.4
TC2200008485.hg.1	RP11-247I13.6
TC1200008236.hg.1	RP11-290L1.4
TC0200006698.hg.1	
TC0800011063.hg.1	noyblu
TC0900009406.hg.1	
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TC0700011962.hg.1	AZGP1

TC0200009986.hg.1	ZAK; pk
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TC1800006488.hg.1	kawklar
TC1900007554.hg.1	ZNF729
TC1200007278.hg.1	zerblobu
TC2200008868.hg.1	movee
TC0300006437.hg.1	CHL1
TC0100012390.hg.1	LOC729737; RP11-34P13.14
TC0100009195.hg.1	SLC35A3
TC1000008896.hg.1	SMC3
TC0600011362.hg.1	pawjor
TC1700006666.hg.1	LOC101928000; AC012146.7; kosori
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TC0700011472.hg.1	sparzeeby
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TC0700010619.hg.1	SCRN1
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TC1700007904.hg.1	TUBG1
TC0200010729.hg.1	XRCC5
TC0900010913.hg.1	ZNF367
TC0400010418.hg.1	RELL1
TC0100014657.hg.1	RP11-181C21.4
TC1600009515.hg.1	moseru
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TC0900009001.hg.1	SNORD62A; SNORD62B
TC0900009002.hg.1	SNORD62B; SNORD62A
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TC0100018013.hg.1	weewoybo
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TC1600007593.hg.1	RP11-586K12.1

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TC0700012546.hg.1	forkee
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TC0500013231.hg.1	CATSPER3
TC0200015081.hg.1	pawgeebo
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TC1900009577.hg.1	bosey
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TC0400007471.hg.1	nohiru
TC1700007629.hg.1	Y_RNA
TC1700007699.hg.1	Y_RNA
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TC2200009166.hg.1	poyblee
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TC0900008967.hg.1	EXOSC2

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TC0500008467.hg.1	SRFBP1
TC0600009614.hg.1	jervybo
TC0700011699.hg.1	Y_RNA
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TC0700012159.hg.1	PUS7
TC0500007415.hg.1	GPX8
TC0300012728.hg.1	PLSCR1
TC0200008682.hg.1	TMEM182
TC0400010167.hg.1	DCAF16
TC0200006833.hg.1	GEN1
TC0500009637.hg.1	morflaw
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TC1500006963.hg.1	CASC5
TC0600011451.hg.1	RNU6-850P
TC0100015701.hg.1	HIST2H3A; HIST2H3C
TC0600007266.hg.1	HIST1H1C
TC1200012572.hg.1	ITFG2
TC0300009975.hg.1	flarnarbo
TC0600011917.hg.1	
TC0800008120.hg.1	LRRCC1
TC0700010497.hg.1	SUMO2P14

TC0600013602.hg.1	FBXO5
TC0800010980.hg.1	RP11-98H4.4
TC0X00007180.hg.1	
TC2200007130.hg.1	
TC0300006964.hg.1	nawfubo
TC2200009167.hg.1	
TC1300008291.hg.1	HIST1H2BPS3
TC0100012287.hg.1	
TC0600012845.hg.1	
TC1200012533.hg.1	POLE
TC1500007829.hg.1	LOXL1
TC0100013455.hg.1	RPA2
TC2100007496.hg.1	CH507-154B10.1; CH507-145C22.3
TC2100006445.hg.1	Y_RNA
TC2000007438.hg.1	MYBL2
TC1700008438.hg.1	RAD51C
TC2000007089.hg.1	TPX2
TC0200007999.hg.1	ZNF638
TC1200007208.hg.1	DDX11
TC2100008307.hg.1	stogu
TC0100008057.hg.1	CDC20
TSUnmapped00000695.hg.1	ARHGAP11A
TC1700011012.hg.1	
TC1600007017.hg.1	CTB-193M12.5
TC1000008585.hg.1	MARVELD1
TC0700013162.hg.1	PAXIP1
TC1500009353.hg.1	CEP152
TC0700007804.hg.1	SNORA63
TC0400009856.hg.1	LYAR
TC1500006447.hg.1	CHEK2P2
TC0200010484.hg.1	gaklu
TC1600010592.hg.1	
TC0400009181.hg.1	RP11-218F10.3
TC1700009888.hg.1	CENPV
TC0400009683.hg.1	AC092574.2
TC0100011581.hg.1	CENPF
TC0100007045.hg.1	snurawbo
TC1700009484.hg.1	RP11-235E17.4
TC0X00009606.hg.1	SSX3
TC1600008924.hg.1	POLR3K
TC1100012030.hg.1	werchee
TC0300006720.hg.1	
TC1600007177.hg.1	leypo

TC1100012948.hg.1	IFITM2
TC0700007198.hg.1	ANLN
TC0100015705.hg.1	
TC0100016441.hg.1	CENPL
TC0100006443.hg.1	storubu
TC1700010451.hg.1	RDM1
TC2200007838.hg.1	AC116618.1
TC1000012564.hg.1	DNAJC9
TC1100009657.hg.1	IFITM3
TC0300009524.hg.1	ECT2
TC0700007349.hg.1	stawblar
TC1100013021.hg.1	FEN1
TC1400009242.hg.1	WDHD1
TC0100009877.hg.1	HIST2H3A
TC1600010591.hg.1	
TC1500009934.hg.1	RP11-673C5.1
TC1300006847.hg.1	RFC3
TC0100010397.hg.1	NUF2
TC0100008023.hg.1	PPIH
TC0600011185.hg.1	HIST1H2BK
TC0500010514.hg.1	CTD-2124B8.2
TC1600009922.hg.1	
TC1000008482.hg.1	CEP55
TC1100012513.hg.1	H2AFX
TC1000008385.hg.1	STAMBPL1
TC0900006736.hg.1	CNTLN
TC1700009204.hg.1	RP11-498C9.16
TC1400007173.hg.1	RP11-589M4.1; tawwobo
TC0400012620.hg.1	CENPU
TC1700012265.hg.1	MEIOC
TC0600007380.hg.1	HIST1H2AL; HIST1H2BN
TC2200008847.hg.1	CENPM
TC0100013426.hg.1	snoymerbo
TC0200007558.hg.1	AC007682.2

Supplementary Table 4 Hypothesized theoretical mass transitions for KCI807 potential metabolites with a single chemical modification

Modification	Form	Mass shifted from KCI807	Hypothesized Q1	Hypothesized Q3		
				Q3-1	Q3-2	Q3-3
Glucuronidation	+C6H8O6	176.03	431.09	255	313.03	137
methylation	+CH2	14.02	267.07	255	151.02	137
oxidation	+O	15.99	271.05	-	153	137
reduction	-O	-15.99	239.07	-	121.02	137
glycosylation	+C6H10O5	162	417.11	255	299.05	137
acetylation	+C2H2O	42.01	299.07	255	179.02	137
Sulfation	+O3S	79.96	335.02	255	216.97	137

Q1, mass charge ratio for the parent ion of the metabolite; Q3, mass charge ratio for the product ion of the metabolite

Supplementary Table 5 Hypothesized theoretical mass transitions for KCI807 potential metabolites with double chemical modifications

Modifications	Form	Mass shifted	Hypothesized Q1	Hypothesized Q3					
				Q3-1	Q3-2	Q3-3	Q3-4	Q3-5	Q3-6
Glucuronide-glucuronide	+C12H16O12	352.06	607.12	431.09	N/A	255.06	313.03	N/A	137
Glucuronide-sulfate	+C6H8O9S	255.99	511.05	335.02	431.09	255.06	313.03	216.96	137
Glucuronide-glycosylate	+C12H18O11	338.03	593.09	417.06	431.09	255.06	313.03	299	137
Sulfate-glycosylate	+C6H10O8S	241.96	497.02	417.06	335.02	255.06	216.96	299	137

Q1, mass charge ratio for the parent ion of the metabolite; Q3, mass charge ratio for the product ion of the metabolite