

Table S3. Probes that contribute to “significant” GO terms in Figure S3 and Table S2. Each probe shows significant regulation by itself (Fig. 3A) and contributes an overrepresented GO term in the analysis in Fig. S3 and Table S2. Row labels (“#”) correspond to the labels used in Fig. S3, Table 2 and Table S2, representing individual GO IDs and Terms. Individual probes are identified using the information for their orthologs in Gga Unigene.

#	GO ID	GO TERM	GGA UNIGENE	NAME
18	GO:0003700	transcription factor activity	Gga.5777	CREB3
			Gga.39089	E2F-3 transcription factor
			Gga.37843	Fos-related antigen 2
			Gga.41307	NR4A2
			Gga.710	nuclear factor I/A (NFIA)
			Gga.8709	Proto-oncogene protein c-fos
			Gga.10531	TEA domain family member 1
			Gga.1473	Transcription factor AP-1
			Gga.4922	ZENK
24	GO:0008610	lipid biosynthetic process	Gga.21297	C-4 methylsterol oxidase
			Gga.19097	Cytidine monophospho-N-acetylneuraminic acid synthetase
			Gga.22036	geranylgeranyl diphosphate synthase
			Gga.21304	Phosphatidylserine synthase 2
27	GO:0005975	Carbohydrate metabolic process	Gga.1383	Alpha-enolase
			Gga.16198	alpha-L-fucosidase
			Gga.4132	Gamma-enolase
			Gga.34629	GPD1 similar to MGC83663 protein
30	GO:0065003	macromolecular complex assembly	Gga.14440	adaptor-related protein complex AP-4 sigma4 subunit isoform 2
			Gga.2564	AP1S2
			Gga.4176	Eukaryotic translation initiation factor 5A-2
			Gga.11222	exportin 5
			Gga.41653	Histone H1.10
			Gga.39472	histone H1x
			Gga.4671	Histone H2AV
			Gga.15206	IIB protein
			Gga.11747	MTIF3
			Gga.34758	NAP1L4
			Gga.9705	protein translation factor sui1 homolog
			Gga.4597	TAF13
32	GO:0006066	alcohol metabolic process	Gga.1383	Alpha-enolase
			Gga.21297	C-4 methylsterol oxidase
			Gga.4132	Gamma-enolase
			Gga.34629	GPD1 similar to MGC83663 protein
35	GO:0015031	protein transport	Gga.1878	ARCN1, Coatomer subunit delta
			Gga.9521	cell adhesion molecule with homology to L1CAM
			Gga.2120	clathrin heavy chain 1

			Gga.2486	GTPase Rab8b
			Gga.16354	Isoform 1 of Cysteine protease ATG4B
			Gga.16047	KPNA4
			Gga.5744	RAB30
			Gga.26707	Rab3A-interacting molecule
			Gga.11578	Rab-GDP dissociation inhibitor
			Gga.16164	Ras-related protein Rab-14
			Gga.29996	Ras-related protein Rab-2A
			Gga.39466	SCAMP5
			Gga.16735	signal transducing adaptor molecule (SH3 domain & ITAM motif) 2 (STAM2)
			Gga.21156	SNX2
			Gga.1782	Vesicle-trafficking protein SEC22b
38	GO:0005216	ion channel activity	Gga.23850	calcium channel, voltage-dependent, alpha 1H subunit
			Gga.30182	T calcium channel alpha1G subunit
			Gga.33	Vanilloid receptor-like protein
			Gga.5065	voltage-gated potassium channel
40	GO:0004872	receptor activity	Gga.21239	Attractin precursor
			Gga.2305	Chemokine receptor CXCR4
			Gga.191	growth hormone secretagogue receptor type 1a
			Gga.590	mosaic protein LR11
			Gga.33742	NR4A3
			Gga.5306	P2Y purinoceptor 1
			Gga.39787	plexin B1 (PLXNB1)
			Gga.6091	Progesterone receptor binding protein
42	GO:0008233	peptidase activity	Gga.29367	ADAM metallopeptidase with thrombospondin type 1 motif, 1
			Gga.26865	MMP24 protein
			Gga.2719	Presenilin 2
48	GO:0006412	translation	Gga.9830	mitochondrial ribosomal protein L16 (L16mt)
			Gga.23322	PET112-like
			Gga.31405	activin receptor-like kinase 7
			Gga.1138	Alanyl-tRNA synthetase
			Gga.22440	Alanyl-tRNA synthetase 2, mitochondrial (putative)
			Gga.24680	capacitative calcium entry channel 2
			Gga.40011	CGI-134 protein
			Gga.39783	Copine II
			Gga.10406	Cylindromatosis
			Gga.22936	Cysteinyl-tRNA synthetase
			Gga.25612	DNA polymerase gamma accessory subunit
			Gga.21991	Eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa

Gga.9474	Eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa
Gga.4804	Eukaryotic translation initiation factor 3, subunit 6 48kDa
Gga.22792	Eukaryotic translation initiation factor 3, subunit 6 interacting protein
Gga.4580	Eukaryotic translation initiation factor 4A, isoform 2
Gga.6351	G1 to S phase transition 1
Gga.11968	Glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1
Gga.39342	GUF1 GTPase homolog (<i>S. cerevisiae</i>)
Gga.39121	ribosomal protein L33-like protein
Gga.9294	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)
Gga.34338	Jun-binding protein
Gga.22522	Mitochondrial 28S ribosomal protein S2 (MRP-S2) (CGI-91)
Gga.5347	Mitochondrial 28S ribosomal protein S6 (MRP-S6)
Gga.15711	Mitochondrial methionyl-tRNA formyltransferase
Gga.5269	Mitochondrial ribosomal protein L13
Gga.7129	Mitochondrial ribosomal protein L15
Gga.9754	Mitochondrial ribosomal protein L19
Gga.16064	Mitochondrial ribosomal protein L2
Gga.1889	Mitochondrial ribosomal protein L22
Gga.3524	Mitochondrial ribosomal protein L27
Gga.22329	Mitochondrial ribosomal protein L3
Gga.2854	Mitochondrial ribosomal protein L32
Gga.11336	Mitochondrial ribosomal protein L47
Gga.7866	Mitochondrial ribosomal protein L48
Gga.5818	Mitochondrial ribosomal protein L51
Gga.9224	Mitochondrial ribosomal protein S10
Gga.20084	Mitochondrial ribosomal protein S11
Gga.7179	Mitochondrial ribosomal protein S18A
Gga.40139	Mitochondrial ribosomal protein S30
Gga.11813	Mitochondrial ribosomal protein S7
Gga.8050	Mitochondrial ribosomal protein S9
Gga.29921	oligomeric golgi complex 8
Gga.463	p52 pro-apototic protein
Gga.2429	PCI domain containing 1 (herpesvirus entry mediator)
Gga.22260	Pelota homolog (<i>Drosophila</i>)
Gga.41560	peptidylarginine deiminase
Gga.6269	Phenylalanyl-tRNA synthetase, beta subunit
Gga.41764	rat ribosomal protein L9 homologue

Gga.4632	Ribosomal protein L10a
Gga.4687	Ribosomal protein L11
Gga.4040	Ribosomal protein L13
Gga.81	Ribosomal protein L14
Gga.7049	Ribosomal protein L15
Gga.4385	Ribosomal protein L17
Gga.4729	Ribosomal protein L18a
Gga.4674	Ribosomal protein L19
Gga.4572	Ribosomal protein L21
Gga.9333	Ribosomal protein L22
Gga.31637	Ribosomal protein L26-like 1
Gga.743	Ribosomal protein L27
Gga.1799	ribosomal protein L29
Gga.39389	ribosomal protein L3
Gga.990	Ribosomal protein L3
Gga.39758	ribosomal protein L30
Gga.9375	Ribosomal protein L30
Gga.4657	Ribosomal protein L31
Gga.4539	Ribosomal protein L34
Gga.39147	Ribosomal protein L35
Gga.4459	Ribosomal protein L35a
Gga.80	Ribosomal protein L36
Gga.37090	Ribosomal protein L37a
Gga.1372	Ribosomal protein L39
Gga.11382	Ribosomal protein L3-like
Gga.4523	Ribosomal protein L4
Gga.4962	Ribosomal protein L5
Gga.3486	Ribosomal protein L6
Gga.4878	Ribosomal protein L7
Gga.4080	Ribosomal protein L7a
Gga.1988	Ribosomal protein L7-like 1
Gga.34288	Ribosomal protein L8
Gga.4776	Ribosomal protein L9
Gga.19060	Ribosomal protein S11
Gga.6575	Ribosomal protein S12
Gga.21141	Ribosomal protein S13
Gga.4512	Ribosomal protein S14
Gga.991	Ribosomal protein S15
Gga.34434	ribosomal protein S15
Gga.5153	Ribosomal protein S17
Gga.34636	Ribosomal protein S20
Gga.3877	Ribosomal protein S24
Gga.39015	Ribosomal protein S27a

			Gga.5571	Ribosomal protein S27-like
			Gga.39035	ribosomal protein S28
			Gga.34333	Ribosomal protein S3
			Gga.4045	Ribosomal protein S4
			Gga.4389	Ribosomal protein S6
			Gga.4686	Ribosomal protein S7
			Gga.34355	Ribosomal protein SA
			Gga.39010	Rps16 protein
			Gga.12123	Similar to putative BRCA1-interacting protein
			Gga.39445	tax-responsive element binding protein 107
			Gga.13695	Transient receptor potential cation channel, subfamily C, member 4
			Gga.569	Ubiquitin A-52 residue ribosomal protein fusion product 1
			Gga.4516	yeast ribosomal protein S28 homologue
50	GO:0016070	RNA metabolic process	Gga.5777	CREB3
			Gga.39089	E2F-3 transcription factor
			Gga.37843	Fos-related antigen 2
			Gga.4638	High mobility group 1 protein
			Gga.15745	polyribonucleotide nucleotidyltransferase 1 (PNPT1)
			Gga.8709	v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS)
			Gga.4922	ZENK
54	GO:0016023	cytoplasmic membrane-bound vesicle	Gga.12184	N-methyl-D-aspartate receptor type 1 subunit
			Gga.2120	clathrin heavy chain 1
			Gga.2500	Ras-related protein Rab-5C
			Gga.2564	AP1S2
			Gga.30013	synaptotagmin IV
			Gga.30078	SYT17
			Gga.31198	synaptotagmin XV-a
			Gga.8934	SEC24C
			Gga.948	aczonin
57	GO:0016779	Nucleotidyl-transferase activity	Gga.2135	DNA polymerase gamma
			Gga.4316	Poly(A) polymerase alpha
			Gga.10727	bifunctional ATP sulfurylase/adenosine 5-phosphosulfate kinase
			Gga.41355	CDP-diacylglycerol synthase 1
			Gga.22829	DNA primase (subunit p48)
			Gga.9810	GMPPB
			Gga.28477	PAP associated domain containing 5
			Gga.27789	POLR1E
			Gga.4766	POLR2D
			Gga.34330	Polymerase (RNA) II (DNA directed) polypeptide E

			Gga.15745	polyribonucleotide nucleotidyltransferase 1 (PNPT1)
			Gga.7853	REV7
			Gga.14796	RNase H, putative
			Gga.30542	TWIST neighbor
59	GO:0004518	nuclease activity	Gga.15745	polyribonucleotide nucleotidyltransferase 1 (PNPT1)
			Gga.3122	REXO2
64	GO:0007219	Notch signaling pathway	Gga.2894	jagged 1 (Alagille syndrome) (JAG1)
			Gga.2719	Presenilin 2
65	GO:0007249	I-kappaB kinase/NF-kappaB cascade	Gga.39064	GTPase cRhoA
			Gga.14435	Ubiquitin carrier protein
68	GO:0006470	protein amino acid dephosphorylation	Gga.2977	protein tyrosine phosphatase, receptor-type, zeta1
			Gga.2675	protein-tyrosine phosphatase CRYPalpha
69	GO:0003924	GTPase activity	Gga.31842	dynamamin 1 isoform 1
			Gga.3921	eukaryotic translation initiation factor 5B
			Gga.39395	GSPT1 protein
			Gga.26345	GTPBP2
			Gga.35012	TUBA1C
			Gga.39460	Tubulin alpha-1 chain