Table S5. GeneSetAnalysis by PAGE analysis in *Drosophila* Schneider S2 cells exposed to C16-Yammamarin. Fold change was defined as the ratio of the normalized value of T2 to that of control (the levels of fold change are coded with shades of red, green and the lighter colors corresponding to more than 1.5, less than 1/1.5 and within 1.5-fold, respectively).

Number of Included Genes	GenMAPP	Description	Symbol	Fold Change (T2/Ctr)	Gene Name
89	Dm mRNA processing Reactome	Darkener of apricot	*Doa*	1.148	1623676_at
		RNA-binding protein 1	*Rbp1*	1.099	1627812_s_at
		B52	*B52*	1.08	1633821_at
		CG9373	*CG9373*	1.079	1633767_at
		CG10689	*CG10689*	1.077	1635225_at
		B52	*B52*	1.071	1628399_s_at
		B52	*B52*	1.069	1624547_s_at
		CG5970	*CG5970*	1.064	1625549_at
		Heterogeneous nuclear ribonucleoprotein at 87F	*Hrb87F*	1.056	1639118_a_at
		Dicer-1	*Dcr-1*	1.012	1627580_at
		CG1957	*CG1957*	1.009	1622930_a_at
		CG16941	*CG16941*	1.008	1639977_at
		RNA polymerase II 215kD subunit	*RpII215*	1.006	1640764_at
		CG13900	*CG13900*	1.005	1633394_a_at
		hephaestus	*heph*	0.998	1637478_s_at
		prp8	*prp8*	0.992	1640679_at
		U2 small nuclear riboprotein auxiliary factor 50	*U2af50*	0.99	1633213_at
		Srp54	*Srp54*	0.987	1628382_at
		CG17838	*CG17838*	0.983	1634792_s_at
		baiser	*bai*	0.977	1631909_at
		sans fille	*snf*	0.975	1634194_at
		CG1249	*CG1249*	0.973	1635530_at
		CG6695	*CG6695*	0.973	1639626_at
		cabeza	*caz*	0.972	1634362_a_at
		lethal (1) G0007	*l(1)G0007*	0.97	1623333_a_at
		SC35	*SC35*	0.965	1627739_at
		cap binding protein 80	*Cbp80*	0.96	1623101_at
		CG7028	*CG7028*	0.959	1640619_at
		SF2	*SF2*	0.953	1634975_at
		CG18591	*CG18591*	0.952	1623250_at
		CG10354	*CG10354*	0.951	1632904_at
		SMC1	*SMC1*	0.948	1628112_at
		Spliceosomal protein on the X	*Spx*	0.942	1640660_at
		CG3605	*CG3605*	0.94	1638857_at
		Spt5	*Spt5*	0.938	1626448_at
		CstF-50	*CstF-50*	0.938	1626788_a_at
		Dead-box-1	*Ddx1*	0.932	1639264_at
		B52	*B52*	0.931	1632447_at
		Pabp2	*Pabp2*	0.928	1631244_a_at
		ypsilon schachtel	*yps*	0.925	1633798_at
		cap binding protein 80	*Cbp80*	0.924	1636071_a_at
		CG10754	*CG10754*	0.921	1624603_at
		CG13277	*CG13277*	0.916	1640520_at
		CG11107	*CG11107*	0.914	1636354_at
		small nuclear ribonucleoprotein 70K	*snRNP70K*	0.913	1635063_at
		CG4896	*CG4896*	0.913	1632876_a_at
		Cleavage stimulation factor 64 kilodalton subunit	*CstF-64*	0.91	1640568_at
		CG3689	*CG3689*	0.909	1627850_at
		CG10418	*CG10418*	0.907	1638070_at
		CG9742	*CG9742*	0.907	1627609_at
		CG4849	*CG4849*	0.897	1624364_at
		Clipper	*Clp*	0.895	1631116_at
		CG7698	*CG7698*	0.894	1637262_at
		CG5198	*CG5198*	0.89	1635365_at
		Developmental embryonic B	*DebB*	0.89	1628006_at
		Arginine methyltransferase 8	*Art8*	0.887	1627995_at
		hiiragi	*hrg*	0.886	1639818_s_at
		CG10375	*CG10375*	0.886	1628615_at
		lethal (2) 35Bd	*l(2)35Bd*	0.884	1628957_at
		xl6	*xl6*	0.883	1624496_at
		CG6841	*CG6841*	0.882	1628665_at
		mRNA-capping-enzyme	*mRNA-capping -enzyme*	0.881	1627209_at
		CG11985	*CG11985*	0.881	1624847_at
		small bristles	*sbr*	0.879	1627673_at
		Small ribonucleoprotein particle protein B	*SmB*	0.878	1626173_at
		CG17540	*CG17540*	0.875	1633019_a_at
		maleless	*mle*	0.872	1629507_a_at
		CG2807	*CG2807*	0.87	1633234_at
		cleavage and polyadenylation specificity factor	*cpsf*	0.864	1636774_at
		CG9924	*CG9924*	0.861	1636254_s_at
		CG3436	*CG3436*	0.859	1633301_at
		small nuclear ribonucleoprotein at 69D	*snRNP69D*	0.859	1628088_at
		CG7757	*CG7757*	0.855	1641669_a_at
		CG6015	*CG6015*	0.853	1634334_at
		CG11266	*CG11266*	0.847	1623573_s_at
		U2A	*U2A*	0.846	1631575_at
		Small ribonucleoprotein Sm D3	*SmD3*	0.843	1635915_at
		CG3058	*CG3058*	0.841	1627900_at
		Pabp2	*Pabp2*	0.838	1639719_at
		RNA-binding protein 1	*Rbp1*	0.834	1638486_at
		Darkener of apricot	*Doa*	0.832	1640892_a_at
		noisette	*noi*	0.827	1630805_at
		CG9548	*CG9548*	0.825	1634320_at
		CG3436	*CG3436*	0.799	1632171_a_at
		CG6322	*CG6322*	0.783	1639280_at
		SRm160	*SRm160*	0.779	1632470_at
		smooth	*sm*	0.775	1623699_a_at
		Pabp2	*Pabp2*	0.752	1629694_at
		CG17838	*CG17838*	0.736	1640760_at

69	Dm Ribosomal Proteins	Ribosomal protein L28	*RpL28*	1.275	1633905_at
		Ribosomal protein L3	*RpL3*	1.247	1630270_s_at
		Ribosomal protein L27	*RpL27*	1.19	1632335_at
		Ribosomal protein L37A	*RpL37A*	1.171	1639957_s_at
		Ribosomal protein L17	*RpL17*	1.16	1628028_s_at
		Ribosomal protein L35A	*RpL35A*	1.153	1623995_at
		Ribosomal protein S27A	*RpS27A*	1.152	1624906_at
		Ribosomal protein S3	*RpS3*	1.152	1632269_at
		Ribosomal protein S9	*RpS9*	1.144	1635388_s_at
		Ribosomal protein S11	*RpS11*	1.142	1638068_a_at
		Ribosomal protein S15	*RpS15*	1.141	1625425_a_at
		Ribosomal protein S12	*RpS12*	1.141	1627364_s_at
		Ribosomal protein S18	*RpS18*	1.14	1624983_s_at
		Ribosomal protein S29	*RpS29*	1.139	1626693_at
		Ribosomal protein L14	*RpL14*	1.139	1623914_at
		Ribosomal protein S13	*RpS13*	1.134	1635303_at
		Ribosomal protein L35	*RpL35*	1.134	1626209_a_at
		Ribosomal protein S4	*RpS4*	1.132	1639949_s_at
		Ribosomal protein L10Ab	*RpL10Ab*	1.132	1638570_a_at
		stubarista	*sta*	1.13	1638847_s_at
		Ribosomal protein L28	*RpL28*	1.13	1625991_s_at
		Ribosomal protein S3A	*RpS3A*	1.129	1638439_a_at
		Ribosomal protein LP2	*RpLP2*	1.129	1623150_at
		Ribosomal protein LP0	*RpLP0*	1.128	1637546_at
		Ribosomal protein L4	*RpL4*	1.128	1627988_at
		Ribosomal protein L5	*RpL5*	1.126	1631015_s_at
		Ribosomal protein L37a	*RpL37a*	1.126	1628061_at
		Ribosomal protein S17	*RpS17*	1.121	1624529_at
		Ribosomal protein L13	*RpL13*	1.119	1623836_at
		Ribosomal protein L22	*RpL22*	1.115	1639312_at
		Ribosomal protein LP1	*RpLP1*	1.115	1623606_at
		Ribosomal protein L6	*RpL6*	1.114	1641355_a_at
		Ribosomal protein S8	*RpS8*	1.112	1626931_a_at
		Ribosomal protein S29	*RpS29*	1.11	1629867_a_at
		string of pearls	*sop*	1.108	1632483_at
		Ribosomal protein L9	*RpL9*	1.107	1630634_s_at
		Ribosomal protein L31	*RpL31*	1.107	1628928_s_at
		Ribosomal protein S16	*RpS16*	1.106	1639270_at
		Ribosomal protein L32	*RpL32*	1.105	1625337_s_at
		Ribosomal protein L8	*RpL8*	1.105	1628775_s_at
		Ribosomal protein S30	*RpS30*	1.104	1623997_s_at
		Ribosomal protein S6	*RpS6*	1.103	1626924_a_at
		Ribosomal protein L40	*RpL40*	1.102	1633277_at
		overgrown hematopoietic organs at 23B	*oho23B*	1.101	1623644_s_at
		Ribosomal protein L13A	*RpL13A*	1.101	1631739_at
		Ribosomal protein S23	*RpS23*	1.099	1638832_at
		Ribosomal protein L35	*RpL35*	1.097	1627206_at
		Ribosomal protein L18	*RpL18*	1.096	1629400_at
		Ribosomal protein S5a	*RpS5a*	1.095	1630031_at
		Ribosomal protein L23	*RpL23*	1.093	1634764_at
		Ribosomal protein L3	*RpL3*	1.093	1625889_at
		Ribosomal protein L38	*RpL38*	1.092	1629984_s_at
		Ribosomal protein S10b	*RpS10b*	1.088	1635528_s_at
		Ribosomal protein L11	*RpL11*	1.086	1630813_at
		Ribosomal protein L26	*RpL26*	1.086	1628603_at
		Ribosomal protein L34a	*RpL34a*	1.084	1641721_a_at
		Ribosomal protein L24	*RpL24*	1.073	1641600_at
		Ribosomal protein S24	*RpS24*	1.073	1630093_at
		Ribosomal protein L30	*RpL30*	1.068	1634313_s_at
		Ribosomal protein S11	*RpS11*	0.984	1639036_at
		Ribosomal protein S9	*RpS9*	0.97	1624070_at
		Ribosomal protein L35	*RpL35*	0.948	1635917_at
		mitochondrial ribosomal protein L19	*mRpL19*	0.897	1623366_at
		Ribosomal protein L3	*RpL3*	0.89	1634685_at
		Ribosomal protein S30	*RpS30*	0.864	1625943_at
		RPS6-p70-protein kinase	*S6k*	0.811	1624244_at
		RPS6-protein kinase-II	*S6kII*	0.707	1640019_at
		Ribosomal protein S19b	*RpS19b*	0.693	1634464_at
		Ribosomal protein S11	*RpS11*	0.605	1630252_at
46	Dm Cell cycle KEGG	Origin recognition complex subunit 6	*Orc6*	1.095	1627090_at
		lethal (1) G0148	*l(1)G0148*	1.053	1639411_at
		Origin recognition complex subunit 1	*Orc1*	1.031	1626652_at
		nejire	*nej*	1.03	1622925_at
		Minichromosome maintenance 6	*Mcm6*	1.005	1638575_at
		disc proliferation abnormal	*dpa*	1.003	1629737_at
		Hdac3	*Hdac3*	0.993	1637369_at
		CG9772	*CG9772*	0.992	1637091_a_at
		Bub3	*Bub3*	0.972	1637317_at
		Retinoblastoma-family protein	*Rbf*	0.967	1623479_at
		grapes	*grp*	0.966	1634230_s_at
		Minichromosome maintenance 5	*Mcm5*	0.964	1626647_at
		Rpd3	*Rpd3*	0.958	1633700_at
		mutagen-sensitive 209	*mus209*	0.954	1623545_at
		telomere fusion	*tefu*	0.949	1630729_at
		SMC1	*SMC1*	0.948	1628112_at
		loki	*lok*	0.946	1625038_s_at
		TXBP181-like	*TXBP181-like*	0.943	1641699_at
		Origin recognition complex subunit 2	*Orc2*	0.942	1635760_at
		shaggy	*sgg*	0.94	1630774_s_at
		polo	*polo*	0.939	1636189_at
		Origin recognition complex subunit 5	*Orc5*	0.938	1633660_at
		Cyclin A	*CycA*	0.937	1639195_a_at
		Minichromosome maintenance 7	*Mcm7*	0.937	1631517_at
		Cyclin-dependent kinase 4	*Cdk4*	0.925	1639347_s_at
		CycB3	*CycB3*	0.921	1626454_at
		Minichromosome maintenance 3	*Mcm3*	0.907	1635234_at
		mad2	*mad2*	0.892	1640938_at
		fizzy	*fzy*	0.888	1636341_at
		Cyclin B	*CycB*	0.881	1639876_a_at
		Minichromosome maintenance 2	*Mcm2*	0.88	1632669_at
		Origin recognition complex subunit 4	*Orc4*	0.879	1639877_at
		cdc2	*cdc2*	0.854	1631861_at
		E2F transcription factor 2	*E2f2*	0.841	1627605_at
		CDC45L	*CDC45L*	0.839	1632288_at
		wee	*wee*	0.833	1633731_at
		CG5971	*CG5971*	0.832	1631019_at
		Cyclin D	*CycD*	0.807	1627295_s_at

		HDAC4	*HDAC4*	0.792	1635284_a_at
		latheo	*lat*	0.787	1627828_s_at
		Cyclin H	*CycH*	0.784	1640346_at
		string	*stg*	0.777	1633174_at
		HDAC6	*HDAC6*	0.757	1632277_a_at
		CG7134	*CG7134*	0.691	1633153_at
		Cyclin E	*CycE*	0.674	1626249_s_at
		twine	*twe*	0.471	1622992_at
44	Dm Electron Transport Chain	ATP synthase-gamma chain	*ATPsyn-gamma*	1.049	1627018_s_at
		ATP synthase-beta	*ATPsyn-beta*	1.044	1633673_a_at
		CG1746	*CG1746*	1.036	1629342_s_at
		bellwether	*blw*	1.025	1636548_at
		NADH:ubiquinone reductase 42kD subunit precursor	*ND42*	1.025	1639585_a_at
		ATP synthase-gamma chain	*ATPsyn-gamma*	0.999	1632838_at
		CG3560	*CG3560*	0.99	1635023_at
		lethal (2) 06225	*l(2)06225*	0.972	1629647_at
		CG12079	*CG12079*	0.972	1629581_at
		Cytochrome c oxidase subunit Va	*CoVa*	0.945	1639962_a_at
		lethal (3) neo18	*l(3)neo18*	0.943	1633698_at
		CG9306	*CG9306*	0.939	1641171_at
		lethal (1) G0230	*l(1)G0230*	0.937	1637737_at
		CG3683	*CG3683*	0.936	1634417_s_at
		Oligomycin sensitivity -conferring protein	*Oscp*	0.932	1631750_a_at
		ATP synthase, subunit b	*ATPsyn-b*	0.931	1628573_a_at
		ATP synthase-beta	*ATPsyn-beta*	0.927	1630984_at
		stress-sensitive B	*sesB*	0.924	1630941_s_at
		mitochondrial acyl carrier protein 1	*mtacp1*	0.916	1634955_at
		CG5703	*CG5703*	0.909	1628014_at
		mitochondrial acyl carrier protein 1	*mtacp1*	0.906	1624776_a_at
		CG17280	*CG17280*	0.9	1633044_at
		mitochondrial acyl carrier protein 1	*mtacp1*	0.897	1624715_at
		CG5548	*CG5548*	0.895	1637018_at
		Pdsw	*Pdsw*	0.887	1634249_s_at
		Cytochrome c proximal	*Cyt-c-p*	0.883	1641049_at
		CG4169	*CG4169*	0.878	1624439_at
		CG3192	*CG3192*	0.875	1630698_at
		Rieske iron-sulfur protein	*RFeSP*	0.875	1631856_a_at
		CG6666	*CG6666*	0.87	1639507_at
		CG8885	*CG8885*	0.866	1636845_at
		CG3803	*CG3803*	0.863	1626729_at
		Succinate dehydrogenase B	*SdhB*	0.86	1640632_at
		CG12203	*CG12203*	0.859	1632221_at
		CG9140	*CG9140*	0.852	1633269_at
		CG31648	*CG31648*	0.852	1638621_at
		Surfeit 1	*Surf1*	0.849	1625163_at
		CG8680	*CG8680*	0.845	1632455_at
		CG7712	*CG7712*	0.834	1626331_at
		NADH:ubiquinone reductase 75kD subunit precursor	*ND75*	0.822	1638593_a_at
		NADH:ubiquinone reductase 23kD subunit precursor	*ND23*	0.813	1627220_at
		CG6020	*CG6020*	0.795	1633965_at
		Succinyl coenzyme A synthetase flavoprotein subunit	*Scs-fp*	0.791	1629086_s_at
		CG3214	*CG3214*	0.773	1625655_at
36	Dm Translation Factors	Elongation factor 2b	*Ef2b*	1.173	1625150_s_at
		Ef1gamma	*Ef1gamma*	1.142	1638607_s_at
		Elongation factor 1 beta	*Ef1beta*	1.121	1634095_at
		Elongation factor 1alpha48D	*Ef1alpha48D*	1.121	1638351_s_at
		eIF3-S9	*eIF3-S9*	1.096	1633209_s_at
		eIF-5A	*eIF-5A*	1.095	1638349_s_at
		Eukaryotic initiation factor 4a	*eIF-4a*	1.087	1638664_s_at
		Eukaryotic initiation factor 3 p40 subunit	*eIF-3p40*	1.083	1625078_at
		Int6 homologue	*Int6*	1.06	1640174_at
		CG17737	*CG17737*	1.056	1636206_at
		Trip1	*Trip1*	1.056	1630519_at
		eIF3-S10	*eIF3-S10*	1.009	1631404_at
		polyA-binding protein	*pAbp*	0.993	1629659_s_at
		eEF1delta	*eEF1delta*	0.986	1632267_a_at
		Adam	*Adam*	0.983	1633287_at
		Eukaryotic initiation factor 1A	*eIF-1A*	0.97	1640435_at
		Eukaryotic initiation factor 3 p66 subunit	*eIF-3p66*	0.969	1630063_a_at
		eukaryotic release factor 1	*eRF1*	0.959	1640288_s_at
		Suppressor of variegation 3-9	*Su(var)3-9*	0.94	1632577_a_at
		Eukaryotic-initiation-factor-4G	*eIF-4G*	0.936	1637560_at
		eIF-2alpha	*eIF-2alpha*	0.936	1632197_at
		eIF5	*eIF5*	0.923	1630911_s_at
		CG8963	*CG8963*	0.923	1630703_at
		CG9769	*CG9769*	0.917	1632103_at
		Eukaryotic initiation factor 4E	*eIF-4E*	0.91	1629970_s_at
		Eukaryotic initiation factor 2beta	*eIF-2beta*	0.907	1636176_at
		eIF2B-beta	*eIF2B-beta*	0.907	1630395_at
		RNA-binding protein 2	*Rbp2*	0.886	1624595_a_at
		eIF2B-alpha	*eIF2B-alpha*	0.884	1639421_at
		eIF2B-delta	*eIF2B-delta*	0.879	1637700_s_at
		eIF2B-epsilon	*eIF2B-epsilon*	0.873	1624008_at
		eIF5B	*eIF5B*	0.862	1639716_at
		eIF6	*eIF6*	0.847	1633284_at
		eIF2B-gamma	*eIF2B-gamma*	0.847	1638841_at
		PEK	*PEK*	0.835	1641072_at
		Suppressor of variegation 3-9	*Su(var)3-9*	0.682	1626153_at
35	Dm DNA replication Reactome	Ribosomal protein L40	*RpL40*	1.102	1633277_at
		Origin recognition complex subunit 6	*Orc6*	1.095	1627090_at
		DNA polymerase alpha 50kD	*DNApol-alpha50*	1.061	1633854_at
		lethal (1) G0148	*l(1)G0148*	1.053	1639411_at
		Origin recognition complex subunit 1	*Orc1*	1.031	1626652_at
		DNA polymerase epsilon	*DNApol-epsilon*	1.03	1626355_at
		Minichromosome maintenance 6	*Mcm6*	1.005	1638575_at
		disc proliferation abnormal	*dpa*	1.003	1629737_at
		Pole2	*Pole2*	0.991	1630620_at
		DNA polymerase alpha 180kD	*DNApol-alpha180*	0.975	1633249_at
		Minichromosome maintenance 5	*Mcm5*	0.964	1626647_at
		mutagen-sensitive 209	*mus209*	0.954	1623545_at
		Ubiquitin-63E	*Ubi-p63E*	0.954	1624230_s_at

		Origin recognition complex subunit 2	*Orc2*	0.942	1635760_at
		RfC3	*RfC3*	0.941	1637166_at
		Origin recognition complex subunit 5	*Orc5*	0.938	1633660_at
		Minichromosome maintenance 7	*Mcm7*	0.937	1631517_at
		DNA polymerase alpha 73kD	*DNApol-alpha73*	0.924	1628372_a_at
		Minichromosome maintenance 3	*Mcm3*	0.907	1635234_at
		double parked	*dup*	0.905	1624994_at
		Germ line transcription factor 1	*Gnf1*	0.886	1623086_at
		Minichromosome maintenance 2	*Mcm2*	0.88	1632669_at
		Origin recognition complex subunit 4	*Orc4*	0.879	1639877_at
		DNA-polymerase-delta	*DNApol-delta*	0.872	1641438_at
		CG12018	*CG12018*	0.861	1635335_at
		Replication Protein A 70	*RpA-70*	0.861	1627380_at
		DNAprim	*DNAprim*	0.853	1624473_at
		CDC45L	*CDC45L*	0.839	1632288_at
		CG5971	*CG5971*	0.832	1631019_at
		Replication factor C 38kD subunit	*RfC38*	0.826	1634081_at
		Replication-factor-C 40kD subunit	*RfC40*	0.824	1634943_at
		CG8142	*CG8142*	0.824	1632576_at
		CG9273	*CG9273*	0.823	1639224_at
		latheo	*lat*	0.787	1627828_s_at
		Sensitized chromosome inheritance modifier 19	*Mcm10*	0.776	1638868_at
35	Dm Proteasome Degradation	Rpn5	*Rpn5*	1.027	1639091_at
		Proteasome alpha subunit	*ProsMA5*	1.024	1641432_a_at
		Rpn2	*Rpn2*	1.013	1638876_at
		CG12000	*CG12000*	1.009	1630851_s_at
		CG6370	*CG6370*	1.002	1630630_at
		Rpt1	*Rpt1*	1	1630925_at
		Prosbeta5	*Prosbeta5*	0.995	1636559_s_at
		Proteasome 26kD subunit	*Pros26*	0.993	1623288_at
		Ubiquitin activating enzyme 1	*Uba1*	0.983	1640089_at
		Proteasome p44.5 subunit	*Rpn6*	0.967	1628466_s_at
		Proteasome alpha7 subunit	*Prosalpha7*	0.963	1634795_a_at
		Proteasome 25kD subunit	*Pros25*	0.961	1635872_at
		Mov34	*Mov34*	0.959	1635259_at
		Rpt3	*Rpt3*	0.959	1637341_at
		Pros45	*Pros45*	0.955	1639784_at
		Ubiquitin-63E	*Ubi-p63E*	0.954	1624230_s_at
		Rpn12	*Rpn12*	0.953	1640372_at
		Rpn9	*Rpn9*	0.951	1626488_s_at
		Proteasome beta2 subunit	*Prosbeta2*	0.95	1640608_at
		lethal (2) 05070	*l(2)05070*	0.939	1641616_at
		Rpn1	*Rpn1*	0.937	1637349_at
		Diphenol oxidase A2	*Dox-A2*	0.934	1628269_at
		Proteasome 54kD subunit	*Pros54*	0.928	1635974_at
		Proteasome 29kD subunit	*Pros29*	0.924	1634820_at
		Proteasome 35kD subunit	*Pros35*	0.921	1631376_at
		Proteasome 26S subunit subunit 4 ATPase	*Pros26.4*	0.918	1630788_at
		Tat-binding protein-1	*Tbp-1*	0.916	1629676_at
		effete	*eff*	0.912	1636436_at
		Prosbeta3	*Prosbeta3*	0.905	1623021_at
		CG12096	*CG12096*	0.905	1632182_at
		CG9588	*CG9588*	0.905	1629777_at
		REG	*REG*	0.885	1625849_at
		Rpn7	*Rpn7*	0.879	1633594_at
		CG17331	*CG17331*	0.87	1626782_at
		Rpt4	*Rpt4*	0.787	1640710_at
34	Dm RNA transcription Reactome	TBP-associated factor 5	*Taf5*	1.048	1627331_at
		RNA polymerase III 128kD subunit	*RpIII128*	1.035	1628131_at
		Tfb4	*Tfb4*	1.024	1628092_at
		Rpb7	*Rpb7*	1.021	1629251_at
		RNA polymerase II 215kD subunit	*RpII215*	1.006	1640764_at
		Mat1	*Mat1*	1.004	1634055_at
		TBP-associated factor 6	*Taf6*	0.985	1626563_at
		RNA polymerase II 140kD subunit	*RpII140*	0.953	1625962_at
		haywire	*hay*	0.947	1641306_at
		RNA polymerase II 15kD subunit	*RpII15*	0.944	1633743_at
		Integrin linked kinase	*Ilk*	0.932	1625014_at
		RNA polymerase II 33kD subunit	*RpII33*	0.923	1627827_a_at
		Tfb2	*Tfb2*	0.918	1630492_at
		Transcription-factor-IIA-S	*TfIIA-S*	0.917	1632370_at
		TBP-associated factor 13	*Taf13*	0.917	1628630_at
		Cyclin-dependent kinase 7	*Cdk7*	0.914	1630144_at
		TATA binding protein	*Tbp*	0.906	1637663_at
		Transcription factor TFIIFbeta	*TfIIFbeta*	0.902	1633349_at
		Rpb11	*Rpb11*	0.898	1638576_at
		Transcription factor IIB	*TfIIB*	0.895	1634172_at
		TBP-associated factor 12	*Taf12*	0.895	1625702_s_at
		RNA polymerase II 18kD subunit	*RpII18*	0.891	1636644_at
		RNA polymerase I 135kD subunit	*RpI135*	0.891	1627924_at
		RNA polymerase I subunit	*RpI1*	0.887	1629356_at
		Rpb8	*Rpb8*	0.878	1640078_at
		Rpb5	*Rpb5*	0.871	1632142_at
		Tfb1	*Tfb1*	0.869	1638499_s_at
		Xeroderma pigmentosum D	*Xpd*	0.869	1629170_s_at
		Sex-lethal interactor	*Sin*	0.861	1635970_at
		Transcription factor IIEbeta	*TfIIEbeta*	0.851	1634616_at
		CG7339	*CG7339*	0.845	1638203_at
		TBP-associated factor 7	*Taf7*	0.814	1640551_at
		Cyclin H	*CycH*	0.784	1640346_at
		Transcription factor IIEalpha	*TfIIEalpha*	0.759	1639648_at
27	Dm Krebs -TCA Cycle	Pyruvate dehydrogenase kinase	*Pdk*	1.179	1629515_at
		CG7998	*CG7998*	1.004	1640928_at
		Neural conserved at 73EF	*Nc73EF*	0.974	1632526_s_at
		CG1516	*CG1516*	0.953	1639255_s_at
		CG12151	*CG12151*	0.946	1629629_at
		CG11963	*CG11963*	0.934	1630433_at
		CG5362	*CG5362*	0.933	1637847_at
		Succinyl coenzyme A synthetase alpha subunit	*Scsalpha*	0.927	1638529_at
		lethal (1) G0156	*l(1)G0156*	0.926	1634846_a_at
		CG5261	*CG5261*	0.925	1638067_a_at
		lethal (1) G0030	*l(1)G0030*	0.91	1623252_a_at
		Sucb	*Sucb*	0.902	1637251_a_at
		CG5028	*CG5028*	0.9	1629691_at

		CG6666	*CG6666*	0.87	1639507_at
		CG11876	*CG11876*	0.868	1639252_s_at
		Aconitase	*Acon*	0.866	1634989_at
		lethal (1) G0255	*l(1)G0255*	0.86	1635025_a_at
		Succinate dehydrogenase B	*SdhB*	0.86	1640632_at
		CG6439	*CG6439*	0.836	1629745_at
		lethal (1) G0334	*l(1)G0334*	0.829	1635253_a_at
		CG1516	*CG1516*	0.81	1640629_s_at
		CG7430	*CG7430*	0.807	1641291_at
		CG5214	*CG5214*	0.793	1639513_at
		Succinyl coenzyme A synthetase flavoprotein subunit	*Scs-fp*	0.791	1629086_s_at
		CG11876	*CG11876*	0.749	1636677_s_at
		Sucb	*Sucb*	0.745	1626745_at
		Sucb	*Sucb*	0.593	1635682_at
24	Dm Glycolysis and Gluconeogenesis	fructose-1,6-bisphosphatase	*fbp*	1.039	1641066_s_at
		CG7998	*CG7998*	1.004	1640928_at
		Aldolase	*Ald*	0.994	1633473_s_at
		Glutamate oxaloacetate transaminase 2	*Got2*	0.957	1629055_a_at
		CG1516	*CG1516*	0.953	1639255_s_at
		Glyceraldehyde 3 phosphate dehydrogenase 2	*Gapdh2*	0.951	1627915_a_at
		Enolase	*Eno*	0.941	1634065_s_at
		Hexokinase A	*Hex-A*	0.935	1625638_a_at
		CG5362	*CG5362*	0.933	1637847_at
		Phosphoglycerate kinase	*Pgk*	0.926	1639766_at
		CG5261	*CG5261*	0.925	1638067_a_at
		Pyruvate kinase	*PyK*	0.921	1628027_a_at
		CG11876	*CG11876*	0.868	1639252_s_at
		Triose phosphate isomerase	*Tpi*	0.863	1637816_s_at
		Glutamate oxaloacetate transaminase 1	*Got1*	0.861	1631817_a_at
		Glyceraldehyde 3 phosphate dehydrogenase 2	*Gapdh2*	0.854	1632667_s_at
		Aldolase	*Ald*	0.851	1631993_s_at
		lethal (1) G0334	*l(1)G0334*	0.829	1635253_a_at
		Phosphoglucose isomerase	*Pgi*	0.823	1638550_s_at
		CG1516	*CG1516*	0.81	1640629_s_at
		CG7430	*CG7430*	0.807	1641291_at
		Phosphofructokinase	*Pfk*	0.797	1634739_a_at
		CG11876	*CG11876*	0.749	1636677_s_at
		Ecdysone-inducible gene L3	*ImpL3*	0.255	1635227_at
22	Dm Fatty Acid Beta Oxidation Meta BiGCaT	CG10932	*CG10932*	1.132	1638717_at
		CG5295	*CG5295*	1.125	1640754_at
		CG9547	*CG9547*	1.089	1637142_at
		CG3961	*CG3961*	1.071	1637109_s_at
		CG6543	*CG6543*	1.022	1640466_s_at
		Acetyl Coenzyme A synthase	*AcCoAS*	0.981	1641148_a_at
		CG2107	*CG2107*	0.942	1627839_at
		lethal (2) 44DEa	*l(2)44DEa*	0.925	1629961_s_at
		CG7461	*CG7461*	0.92	1623788_at
		CG11055	*CG11055*	0.914	1639384_s_at
		Thiolase	*Thiolase*	0.904	1634869_at
		CG4389	*CG4389*	0.901	1635745_a_at
		congested-like trachea	*colt*	0.877	1628991_at
		CG12262	*CG12262*	0.867	1626566_at
		Triose phosphate isomerase	*Tpi*	0.863	1637816_s_at
		Glycerol kinase	*Gyk*	0.862	1638285_a_at
		mitochondrial carnitine palmitoyltransferase I	*CPTI*	0.862	1626147_s_at
		Arc42	*Arc42*	0.85	1640900_at
		CG1041	*CG1041*	0.839	1624185_at
		CG7430	*CG7430*	0.807	1641291_at
		CG7995	*CG7995*	0.672	1633956_s_at
		lethal (2) k05713	*l(2)k05713*	0.556	1631474_s_at
20	Dm Glycogen Metabolism	PP2A-B'	*PP2A-B'*	1.127	1628476_at
		CG4733	*CG4733*	1.092	1633088_at
		Calmodulin	*Cam*	1.005	1623682_a_at
		shaggy	*sgg*	0.94	1630774_s_at
		CG6904	*CG6904*	0.917	1630044_s_at
		microtubule star	*mts*	0.909	1640841_at
		PP2A-B'	*PP2A-B'*	0.907	1640602_s_at
		CG7766	*CG7766*	0.906	1641396_a_at
		Phosphorylase kinase gamma	*PhKgamma*	0.9	1623842_a_at
		CSN8	*CSN8*	0.894	1624894_s_at
		Phosphorylase kinase gamma	*PhKgamma*	0.888	1624139_at
		widerborst	*wdb*	0.883	1626385_s_at
		Phosphotyrosyl phosphatase activator	*Ptpa*	0.827	1629241_at
		Glycogenin	*Glycogenin*	0.77	1635000_at
		Phosphogluconate mutase	*Pgm*	0.769	1633803_at
		Glycogen phosphorylase	*GlyP*	0.75	1631620_at
		UGP	*UGP*	0.721	1633218_a_at
		widerborst	*wdb*	0.716	1629187_s_at
		CG9485	*CG9485*	0.693	1637538_s_at
		CG33138	*CG33138*	0.63	1634374_at
17	Dm Fatty Acid Beta Oxidation 1 BiGCaT	CG5295	*CG5295*	1.125	1640754_at
		CG3961	*CG3961*	1.071	1637109_s_at
		CG6543	*CG6543*	1.022	1640466_s_at
		Acetyl Coenzyme A synthase	*AcCoAS*	0.981	1641148_a_at
		CG2107	*CG2107*	0.942	1627839_at
		lethal (2) 44DEa	*l(2)44DEa*	0.925	1629961_s_at
		CG7461	*CG7461*	0.92	1623788_at
		CG11055	*CG11055*	0.914	1639384_s_at
		Thiolase	*Thiolase*	0.904	1634869_at
		CG4389	*CG4389*	0.901	1635745_a_at
		congested-like trachea	*colt*	0.877	1628991_at
		Triose phosphate isomerase	*Tpi*	0.863	1637816_s_at
		Glycerol kinase	*Gyk*	0.862	1638285_a_at
		mitochondrial carnitine palmitoyltransferase I	*CPTI*	0.862	1626147_s_at
		CG1041	*CG1041*	0.839	1624185_at
		CG7995	*CG7995*	0.672	1633956_s_at
		lethal (2) k05713	*l(2)k05713*	0.556	1631474_s_at
14	Dm Triacylglyceride Synthesis BiGCaT	Glycerol 3 phosphate dehydrogenase	*Gpdh*	1.148	1634893_at
		CG5295	*CG5295*	1.125	1640754_at
		Glycerol 3 phosphate dehydrogenase	*Gpdh*	1.098	1636311_at
		Mgat2	*Mgat2*	1.028	1633061_at

		Glycerol 3 phosphate dehydrogenase	*Gpdh*	0.982	1616608_a_at
		Glycerol 3 phosphate dehydrogenase	*Gpdh*	0.933	1625949_at
		UDP-GlcNAc:a-3-D-mannoside-beta-1,2 -N-acetylglucosaminyltransferase I	*Mgat1*	0.924	1623607_at
		CG5508	*CG5508*	0.915	1632146_a_at
		CG11055	*CG11055*	0.914	1639384_s_at
		CG4729	*CG4729*	0.906	1626646_s_at
		Glycerol kinase	*Gyk*	0.862	1638285_a_at
		wunen	*wun*	0.857	1631573_a_at
		Dihydroxyacetone phosphate acyltransferase	*Dhap-at*	0.825	1632807_at
		CG7995	*CG7995*	0.672	1633956_s_at
12	Dm Fatty Acid Synthesis BiGCaT	CG3523	*CG3523*	1.108	1624549_at
		CG11198	*CG11198*	1.079	1636923_a_at
		CG3961	*CG3961*	1.071	1637109_s_at
		CG6984	*CG6984*	1.061	1636153_at
		CG6543	*CG6543*	1.022	1640466_s_at
		Acetyl Coenzyme A synthase	*AcCoAS*	0.981	1641148_a_at
		CG1516	*CG1516*	0.953	1639255_s_at
		CG9577	*CG9577*	0.937	1634844_at
		lethal (2) 44DEa	*l(2)44DEa*	0.925	1629961_s_at
		yippee interacting protein 2	*yip2*	0.84	1636180_at
		CG1516	*CG1516*	0.81	1640629_s_at
		CG16935	*CG16935*	0.758	1632316_at
12	Dm Hedgehog Netpath 10	Rab23	*Rab23*	1.146	1635643_at
		Sin3A	*Sin3A*	1.062	1630165_s_at
		minibrain	*mnb*	1.004	1638476_s_at
		snoN	*snoN*	0.959	1641036_at
		smoothened	*smo*	0.949	1634442_at
		minibrain	*mnb*	0.944	1632380_at
		patched	*ptc*	0.92	1639749_a_at
		Sin3A	*Sin3A*	0.919	1628903_s_at
		Cyclin B	*CycB*	0.881	1639876_a_at
		cdc2	*cdc2*	0.854	1631861_at
		Suppressor of fused	*Su(fu)*	0.851	1638427_at
		Bicoid interacting protein 1	*Bin1*	0.668	1632565_at
11	Dm Mitochondrial fatty acid betaoxidation	CG3961	*CG3961*	1.071	1637109_s_at
		Sterol carrier protein X-related thiolase	*ScpX*	0.964	1630643_at
		CG4598	*CG4598*	0.958	1632952_at
		CG2107	*CG2107*	0.942	1627839_at
		lethal (2) 44DEa	*l(2)44DEa*	0.925	1629961_s_at
		CG7461	*CG7461*	0.92	1623788_at
		CG4389	*CG4389*	0.901	1635745_a_at
		congested-like trachea	*colt*	0.877	1628991_at
		CG12262	*CG12262*	0.867	1626566_at
		mitochondrial carnitine palmitoyltransferase I	*CPTI*	0.862	1626147_s_at
		Arc42	*Arc42*	0.85	1640900_at
9	Dm Heme Biosynthesis	CG1885	*CG1885*	1.024	1633740_at
		Updo	*Updo*	0.92	1627448_at
		Aminolevulinate synthase	*Alas*	0.844	1632343_at
		Porphobilinogen synthase	*Pbgs*	0.802	1633523_at
		Protoporphyrinogen oxidase	*Ppox*	0.78	1635344_at
		ferrochelatase	*ferrochelatase*	0.778	1627939_a_at
		lethal (3) 02640	*l(3)02640*	0.767	1635542_at
		ferrochelatase	*ferrochelatase*	0.751	1626653_a_at
		Coproporphyrinogen oxidase	*Coprox*	0.718	1637191_at
9	Dm TGF Beta Signaling Pathway	Daughters against dpp	*Dad*	1.791	1633556_s_at
		FK506-binding protein 2	*FK506-bp2*	1.051	1638415_at
		nejire	*nej*	1.03	1622925_at
		Smad on X	*Smox*	0.963	1629290_at
		snoN	*snoN*	0.959	1641036_at
		armadillo	*arm*	0.955	1629020_s_at
		baboon	*babo*	0.921	1623424_a_at
		Smad anchor for receptor activation	*Sara*	0.875	1639858_s_at
		Mothers against dpp	*Mad*	0.83	1634683_at
7	Dm Fatty Acid Beta Oxidation 3 BiGCaT	CG10932	*CG10932*	1.132	1638717_at
		CG9547	*CG9547*	1.089	1637142_at
		CG6543	*CG6543*	1.022	1640466_s_at
		Thiolase	*Thiolase*	0.904	1634869_at
		CG4389	*CG4389*	0.901	1635745_a_at
		Arc42	*Arc42*	0.85	1640900_at
		CG7430	*CG7430*	0.807	1641291_at
6	Dm Pentose Phosphate Pathway	CG17333	*CG17333*	0.943	1636351_at
		Phosphogluconate dehydrogenase	*Pgd*	0.908	1631588_at
		CG30410	*CG30410*	0.859	1627655_at
		Tal	*Tal*	0.806	1640549_at
		CG30499	*CG30499*	0.802	1638942_at
		Zwischenferment	*Zw*	0.785	1625995_a_at
5	Dm Fatty Acid Beta Oxidation 2 BiGCaT	CG6543	*CG6543*	1.022	1640466_s_at
		Thiolase	*Thiolase*	0.904	1634869_at
		CG4389	*CG4389*	0.901	1635745_a_at
		CG12262	*CG12262*	0.867	1626566_at
		Arc42	*Arc42*	0.85	1640900_at
4	Dm Unsaturated Fatty Acid Beta Oxidation BiGCaT	CG4598	*CG4598*	0.958	1632952_at
		Thiolase	*Thiolase*	0.904	1634869_at
		CG4389	*CG4389*	0.901	1635745_a_at
		CG12262	*CG12262*	0.867	1626566_at
3	Dm Synthesis and Degradation of Ketone Bodies KEGG	CG10932	*CG10932*	1.132	1638717_at
		CG1140	*CG1140*	1.007	1629939_a_at
		CG10399	*CG10399*	0.997	1633760_at
1	Dm Biogenic Amine Synthesis	Tyramine beta hydroxylase	*Tbh*	0.686	1627317_a_at