

Table S4. 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 T1 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 (T1/Ctr)	Gene Name
91	Dm mRNA processing Reactome	Darkener of apricot	<i>Doa</i>	1.897	1623676_at
		B52	<i>B52</i>	1.433	1632447_at
		herphaestus	<i>heph</i>	1.297	1637478_s_at
		B52	<i>B52</i>	1.197	1631082_at
		cap binding protein 80	<i>Chp80</i>	1.16	1623101_at
		B52	<i>B52</i>	1.108	1624547_s_at
		B52	<i>B52</i>	1.09	1628399_s_at
		CG5970	<i>CG5970</i>	1.073	1625549_at
		CG6695	<i>CG6695</i>	1.071	1639626_at
		bruno-2	<i>brn-2</i>	1.045	1632260_s_at
		Spliceosomal protein on the X	<i>Spc</i>	1.036	1640660_at
		CG13900	<i>CG13900</i>	1.024	1633394_a_at
		Srp54	<i>Srp54</i>	1.011	1628382_at
		RNA-binding protein 1	<i>Rbp1</i>	1.005	1627812_s_at
		baiser	<i>bai</i>	0.998	1631909_at
		CG4896	<i>CG4896</i>	0.989	1632876_a_at
		ypsilon schachtel	<i>yps</i>	0.982	1633798_at
		Darkener of apricot	<i>Doa</i>	0.974	1640892_a_at
		CG9373	<i>CG9373</i>	0.971	1633767_at
		Pabp2	<i>Pabp2</i>	0.966	1631244_a_at
		B52	<i>B52</i>	0.963	1633821_at
		CG13277	<i>CG13277</i>	0.962	1640520_at
		lethal (1) G0007	<i>l(1)G0007</i>	0.953	1623333_a_at
		CG18591	<i>CG18591</i>	0.951	1623250_at
		RNA polymerase II 215kD subunit	<i>Rpl1215</i>	0.945	1640764_at
		Developmental embryonic B	<i>DebB</i>	0.943	1628006_at
		U2 small nuclear riboprotein auxiliary factor 30	<i>U2af50</i>	0.94	1633213_at
		CG7698	<i>CG7698</i>	0.939	1637262_at
		CG10418	<i>CG10418</i>	0.937	1638070_at
		smooth	<i>sm</i>	0.934	1623699_a_at
		CG3605	<i>CG3605</i>	0.932	1638857_at
		small bristles	<i>sbr</i>	0.931	1627673_at
		CG9548	<i>CG9548</i>	0.93	1634320_at
		cabeza	<i>caz</i>	0.925	1634362_a_at
		CG10375	<i>CG10375</i>	0.925	1628615_at
		Pabp2	<i>Pabp2</i>	0.921	1639719_at
		CG1957	<i>CG1957</i>	0.914	1622930_a_at
		CG3689	<i>CG3689</i>	0.913	1627850_at
		small nuclear ribonucleoprotein at 69D	<i>snRNP69D</i>	0.913	1628088_at
		SF2	<i>SF2</i>	0.912	1634975_at
		Heterogeneous nuclear ribonucleoprotein at 87F	<i>Hrb87F</i>	0.912	1639118_a_at
		Small ribonucleoprotein particle protein B	<i>SmB</i>	0.911	1626173_at
		CG1249	<i>CG1249</i>	0.906	1635530_at
		CG17838	<i>CG17838</i>	0.905	1634792_s_at
		CG6322	<i>CG6322</i>	0.901	1639280_at
		Spt5	<i>Spt5</i>	0.901	1626448_at
		Dicer-1	<i>Der-1</i>	0.892	1627580_at
		hiiragi	<i>hrg</i>	0.89	1639818_s_at
		mRNA-capping-enzyme	<i>mRNA-capping-enzyme</i>	0.888	1627209_at
		RNA-binding protein 1	<i>Rbp1</i>	0.887	1638486_at
		CG17540	<i>CG17540</i>	0.886	1633019_a_at
		CG16941	<i>CG16941</i>	0.886	1639977_at
		Pabp2	<i>Pabp2</i>	0.886	1629694_at
		maleless	<i>mle</i>	0.886	1629507_a_at
		CG9742	<i>CG9742</i>	0.885	1627609_at
		CG3436	<i>CG3436</i>	0.88	1632171_a_at
		SC33	<i>SC33</i>	0.88	1627739_at
		Cstf-50	<i>Cstf-50</i>	0.87	1626788_a_at
		CG10754	<i>CG10754</i>	0.87	1624603_at
		x16	<i>x16</i>	0.87	1624496_at
		lethal (2) 35Bd	<i>l(2)35Bd</i>	0.868	1628957_at
		CG11107	<i>CG11107</i>	0.864	1636354_at
		CG7028	<i>CG7028</i>	0.862	1640619_at
		ppp8	<i>ppp8</i>	0.862	1640679_at
		sans fille	<i>sif</i>	0.857	1634194_at
		CG10689	<i>CG10689</i>	0.844	1635225_at
		CG9924	<i>CG9924</i>	0.844	1636254_s_at
		Small ribonucleoprotein Sm D3	<i>SmD3</i>	0.843	1635915_at
		SMC1	<i>SMC1</i>	0.835	1628112_at
		CG11266	<i>CG11266</i>	0.832	1623573_s_at
		small nuclear ribonucleoprotein 70K	<i>snRNP70K</i>	0.831	1635063_at
		noisette	<i>noi</i>	0.822	1630805_at
		CG6841	<i>CG6841</i>	0.822	1628665_at
		CG4849	<i>CG4849</i>	0.815	1624364_at
		CG3058	<i>CG3058</i>	0.814	1627900_at
		cap binding protein 80	<i>Chp80</i>	0.804	1636071_a_at
		Cleavage stimulation factor 64 kilodalton subunit	<i>Cstf-64</i>	0.795	1640568_at
		CG7757	<i>CG7757</i>	0.792	1641669_a_at
		CG6015	<i>CG6015</i>	0.789	1634334_at
		CG10354	<i>CG10354</i>	0.786	1632904_at
		Dead-box-1	<i>Ddx1</i>	0.781	1639264_at
		Clipper	<i>Clp</i>	0.781	1631116_at
		CG5198	<i>CG5198</i>	0.766	1635365_at
		cleavage and polyadenylation specificity factor	<i>cpsf</i>	0.766	1636774_at
		CG3436	<i>CG3436</i>	0.76	1633301_at
		CG11985	<i>CG11985</i>	0.755	1624847_at
		U2A	<i>U2A</i>	0.751	1631575_at
		SRm160	<i>SRm160</i>	0.744	1632470_at

		CG17838	CG17838	0.73	1640760_at
		CG2807	CG2807	0.727	1633234_at
		Arginine methyltransferase 8	<i>Arr8</i>	0.687	1627995_at
		Ribosomal protein L28	<i>Rpl28</i>	1.443	1633905_at
		Ribosomal protein L3	<i>Rpl3</i>	1.246	1625889_at
		Ribosomal protein S9	<i>Rps9</i>	1.176	1624070_at
		Ribosomal protein L24	<i>Rpl24</i>	1.121	1641600_at
		Ribosomal protein L35	<i>Rpl35</i>	1.104	1627206_at
		Ribosomal protein L35	<i>Rpl35</i>	1.098	1635917_at
		Ribosomal protein L27	<i>Rpl27</i>	1.071	1632335_at
		Ribosomal protein S17	<i>Rps17</i>	1.054	1624529_at
		Ribosomal protein S15	<i>Rps15</i>	1.051	1625425_n_at
		Ribosomal protein L3	<i>Rpl3</i>	1.051	1630270_s_at
		Ribosomal protein L37A	<i>Rpl37A</i>	1.044	1639957_s_at
		Ribosomal protein L6	<i>Rpl6</i>	1.043	1641355_n_at
		Ribosomal protein L22	<i>Rpl22</i>	1.042	1639512_at
		Ribosomal protein LP2	<i>RplP2</i>	1.041	1623150_at
		Ribosomal protein L30	<i>Rpl30</i>	1.037	1634313_s_at
		Ribosomal protein L28	<i>Rpl28</i>	1.037	1625991_s_at
		Ribosomal protein L17	<i>Rpl17</i>	1.037	1628028_s_at
		Ribosomal protein L18	<i>Rpl18</i>	1.035	1629400_at
		string of pearls	<i>sop</i>	1.032	1632483_at
		Ribosomal protein S16	<i>Rps16</i>	1.029	1639270_at
		Ribosomal protein L32	<i>Rpl32</i>	1.029	1625337_s_at
		Ribosomal protein LP0	<i>RplP0</i>	1.026	1637546_at
		Ribosomal protein S27A	<i>Rps27A</i>	1.026	1624906_at
		Ribosomal protein S24	<i>Rps24</i>	1.026	1630093_at
		Ribosomal protein L4	<i>Rpl4</i>	1.026	1627988_at
		Ribosomal protein L38	<i>Rpl38</i>	1.026	1629984_s_at
		overgrown hematopoietic organs at 23B	<i>oho23B</i>	1.024	1623644_s_at
		Ribosomal protein S11	<i>Rps11</i>	1.023	1639036_at
		Ribosomal protein S9	<i>Rps9</i>	1.022	1635388_s_at
		Ribosomal protein S3A	<i>Rps3A</i>	1.022	1638439_n_at
		Ribosomal protein S30	<i>Rps30</i>	1.022	1623997_s_at
		Ribosomal protein S13	<i>Rps13</i>	1.021	1635303_at
		Ribosomal protein S12	<i>Rps12</i>	1.021	1627364_s_at
		Ribosomal protein S3	<i>Rps3</i>	1.021	1632269_at
		Ribosomal protein L26	<i>Rpl26</i>	1.021	1628603_at
		stubarista	<i>sta</i>	1.02	1638847_s_at
		Ribosomal protein L14	<i>Rpl14</i>	1.02	1623914_at
		Ribosomal protein L10Ab	<i>Rpl10Ab</i>	1.019	1638570_n_at
		Ribosomal protein L34a	<i>Rpl34a</i>	1.018	1641721_n_at
		Ribosomal protein S8	<i>Rps8</i>	1.016	1626931_n_at
		Ribosomal protein LP1	<i>RplP1</i>	1.015	1623606_at
		Ribosomal protein L8	<i>Rpl8</i>	1.014	1628775_s_at
		Ribosomal protein S4	<i>Rps4</i>	1.012	1639949_s_at
		Ribosomal protein L9	<i>Rpl9</i>	1.011	1630634_s_at
		Ribosomal protein L35A	<i>Rpl35A</i>	1.007	1623995_at
		Ribosomal protein L37a	<i>Rpl37a</i>	1.007	1628061_at
		Ribosomal protein S5a	<i>Rps5a</i>	1.007	1630031_at
		Ribosomal protein S11	<i>Rps11</i>	1.006	1630252_at
		Ribosomal protein L40	<i>Rpl40</i>	1.005	1633277_at
		Ribosomal protein S18	<i>Rps18</i>	1.004	1624983_s_at
		RPS6-p70-protein kinase	<i>S6k</i>	1.003	1624244_at
		Ribosomal protein L23	<i>Rpl23</i>	1.002	1634764_at
		Ribosomal protein S23	<i>Rps23</i>	1.001	1638832_at
		Ribosomal protein S29	<i>Rps29</i>	0.999	1629867_n_at
		Ribosomal protein L35	<i>Rpl35</i>	0.998	1626209_n_at
		Ribosomal protein L11	<i>Rpl11</i>	0.998	1630813_at
		Ribosomal protein S29	<i>Rps29</i>	0.996	1626693_at
		Ribosomal protein S11	<i>Rps11</i>	0.992	1638068_n_at
		Ribosomal protein S6	<i>Rps6</i>	0.992	1626924_n_at
		Ribosomal protein L13	<i>Rpl13</i>	0.985	1623836_at
		Ribosomal protein L31	<i>Rpl31</i>	0.985	1628928_s_at
		Ribosomal protein L5	<i>Rpl5</i>	0.981	1631015_s_at
		Ribosomal protein S10b	<i>Rps10b</i>	0.978	1635528_s_at
		Ribosomal protein L13A	<i>Rpl13A</i>	0.96	1631739_at
		Ribosomal protein L3	<i>Rpl3</i>	0.933	1634685_at
		Ribosomal protein S30	<i>Rps30</i>	0.888	1625943_at
		mitochondrial ribosomal protein L19	<i>mRpl19</i>	0.875	1623366_at
		RPS6-protein kinase-II	<i>S6kII</i>	0.798	1640019_at
		Ribosomal protein S19b	<i>Rps19b</i>	0.784	1634464_at
		Adenine nucleotide translocase 2	<i>Ant2</i>	1.215	1625005_s_at
		CG1746	CG1746	1.022	1629342_s_at
		lethal (2) 06225	<i>l(2)06225</i>	1.016	1629647_at
		NADH:ubiquinone reductase 42kD subunit precursor	<i>ND42</i>	1.013	1639585_n_at
		ATP synthase-beta	<i>ATPsyn-beta</i>	0.996	1630984_at
		ATP synthase-beta	<i>ATPsyn-beta</i>	0.985	1633673_n_at
		bellwether	<i>bbw</i>	0.982	1636548_at
		Cytochrome c proximal	<i>Cyt-c-p</i>	0.979	1641049_at
		ATP synthase-gamma chain	<i>ATPsyn-gamma</i>	0.975	1627018_s_at
		CG3560	CG3560	0.971	1635023_at
		lethal (3) neo18	<i>l(3)neo18</i>	0.971	1633698_at
		mitochondrial acyl carrier protein 1	<i>mtacp1</i>	0.97	1624776_n_at
		mitochondrial acyl carrier protein 1	<i>mtacp1</i>	0.969	1624715_at
		stress-sensitive B	<i>sexB</i>	0.968	1630941_s_at
		lethal (1) G0230	<i>l(1)G0230</i>	0.96	1637737_at
		ATP synthase-gamma chain	<i>ATPsyn-gamma</i>	0.954	1632838_at
		CG12079	CG12079	0.949	1629581_at
		Cytochrome c oxidase subunit Va	<i>Co1a</i>	0.944	1639962_n_at
		Rieske iron-sulfur protein	<i>RFeSP</i>	0.943	1631856_n_at
		ATP synthase, subunit b	<i>ATPsyn-b</i>	0.941	1628573_n_at
		CG8680	CG8680	0.934	1632455_at
		Ucp4A	<i>Ucp4A</i>	0.929	1622912_at
		Succinate dehydrogenase B	<i>SdhB</i>	0.925	1640632_at
		mitochondrial acyl carrier protein 1	<i>mtacp1</i>	0.921	1634955_at
		CG3683	CG3683	0.916	1634417_s_at
		Oligomycin sensitivity -conferring protein	<i>Oscp</i>	0.915	1631750_n_at
		CG9140	CG9140	0.909	1633269_at
		CG17280	CG17280	0.901	1633044_at
		CG3192	CG3192	0.897	1630698_at
		CG4169	CG4169	0.895	1624439_at
		CG9306	CG9306	0.891	1641171_at
		NADH:ubiquinone reductase 75kD subunit precursor	<i>ND75</i>	0.889	1638593_n_at

		Pds	<i>Pds</i>	0.886	1634249 s at
		CG6020	<i>CG6020</i>	0.883	1633965 at
		CG7712	<i>CG7712</i>	0.882	1626331 at
		CG6666	<i>CG6666</i>	0.881	1639507 at
		Succinyl coenzyme A synthetase flavoprotein subunit	<i>Scs-fp</i>	0.879	1629086 s at
		CG5703	<i>CG5703</i>	0.878	1628014 at
		NADH:ubiquinone reductase 23kD subunit precursor	<i>ND23</i>	0.858	1627220 at
		CG5548	<i>CG5548</i>	0.84	1637018 at
		CG31648	<i>CG31648</i>	0.823	1638621 at
		CG3214	<i>CG3214</i>	0.812	1625655 at
		CG12203	<i>CG12203</i>	0.806	1632221 at
		CG8885	<i>CG8885</i>	0.801	1636845 at
		Surfeit 1	<i>Surf1</i>	0.787	1625163 at
		CG3803	<i>CG3803</i>	0.748	1626729 at
		lethal (1) G0148	<i>l(1)G0148</i>	1.086	1639411 at
		telomere fusion	<i>tefi</i>	1.079	1630729 at
		nejire	<i>nej</i>	1.043	1622925 at
		HDAC4	<i>HDAC4</i>	1.009	1635284 a at
		shaggy	<i>sgg</i>	0.952	1630774 s at
		Origin recognition complex subunit 6	<i>Orc6</i>	0.946	1627090 at
		Retinoblastoma-family protein	<i>Rbf</i>	0.946	1623479 at
		Hdac3	<i>Hdac3</i>	0.919	1637369 at
		Bub3	<i>Bub3</i>	0.905	1637317 at
		CG9772	<i>CG9772</i>	0.89	1637091 a at
		Rpd3	<i>Rpd3</i>	0.89	1633700 at
		polo	<i>polo</i>	0.851	1636189 at
		E2F transcription factor 2	<i>E2f2</i>	0.851	1627605 at
		Cyclin H	<i>CycH</i>	0.846	1640346 at
		TXBP181-like	<i>TXBP181-like</i>	0.841	1641699 at
		Minichromosome maintenance 3	<i>Mcm3</i>	0.839	1635234 at
		Origin recognition complex subunit 4	<i>Orc4</i>	0.837	1639877 at
		CG5971	<i>CG5971</i>	0.835	1631019 at
		SMC1	<i>SMC1</i>	0.835	1628112 at
		lok1	<i>lok</i>	0.826	1625038 s at
		mad2	<i>mad2</i>	0.82	1640938 at
		Cyclin A	<i>CycA</i>	0.82	1639195 a at
		Cyclin D	<i>CycD</i>	0.815	1627295 s at
		Cyclin E	<i>CycE</i>	0.814	1626249 s at
		grapes	<i>grp</i>	0.811	1634230 s at
		Cyclin-dependent kinase 4	<i>Cdk4</i>	0.811	1639347 s at
		wes	<i>wes</i>	0.795	1633731 at
		Minichromosome maintenance 7	<i>Mcm7</i>	0.79	1631517 at
		mutagen-sensitive 209	<i>msu209</i>	0.789	1625345 at
		lathos	<i>lat</i>	0.787	1627828 s at
		CycB3	<i>CycB3</i>	0.783	1626454 at
		Minichromosome maintenance 5	<i>Mcm5</i>	0.782	1626647 at
		HDAC6	<i>HDAC6</i>	0.769	1632277 a at
		fizy	<i>fzy</i>	0.763	1636341 at
		Cyclin B	<i>CycB</i>	0.756	1639876 a at
		Minichromosome maintenance 2	<i>Mcm2</i>	0.752	1632669 at
		Origin recognition complex subunit 1	<i>Orc1</i>	0.726	1626652 at
		disc proliferation abnormal	<i>dpa</i>	0.726	1629737 at
		CDC45L	<i>CDC45L</i>	0.722	1632288 at
		cdc2	<i>cdc2</i>	0.721	1631861 at
		Minichromosome maintenance 6	<i>Mcm6</i>	0.71	1638575 at
		Origin recognition complex subunit 2	<i>Orc2</i>	0.702	1635760 at
		Origin recognition complex subunit 5	<i>Orc5</i>	0.67	1633660 at
		string	<i>stg</i>	0.668	1633174 at
		twine	<i>tw</i>	0.607	1622992 at
		Eflgamma	<i>Eflgamma</i>	1.08	1638607 s at
		polyA-binding protein	<i>pAbp</i>	1.07	1629659 s at
		eIF3-S9	<i>eIF3-S9</i>	1.049	1633209 s at
		Eukaryotic initiation factor 1A	<i>eIF-1A</i>	1.049	1640435 at
		Elongation factor 2b	<i>Ef2b</i>	1.045	1625150 s at
		Eukaryotic initiation factor 4a	<i>eIF-4a</i>	1.037	1638664 s at
		Elongation factor 1alpha48D	<i>Ef1alpha48D</i>	1.034	1638351 s at
		Eukaryotic-initiation-factor-4G	<i>eIF-4G</i>	1.032	1637560 at
		PEK	<i>PEK</i>	1.026	1641072 at
		eIF-5A	<i>eIF-5A</i>	1.025	1638349 s at
		eIF2B-beta	<i>eIF2B-beta</i>	1.025	1630395 at
		Elongation factor 1 beta	<i>Ef1beta</i>	1.02	1634095 at
		Eukaryotic initiation factor 4E	<i>eIF-4E</i>	1.011	1629970 s at
		Int6 homologue	<i>Int6</i>	1.009	1640174 at
		CG8963	<i>CG8963</i>	1.005	1630703 at
		Eukaryotic initiation factor 2beta	<i>eIF-2beta</i>	1.004	1636176 at
		CG17737	<i>CG17737</i>	1.003	1636206 at
		Eukaryotic initiation factor 3 p40 subunit	<i>eIF-3p40</i>	1	1625078 at
		Trip1	<i>Trip1</i>	0.993	1630519 at
		eukaryotic release factor 1	<i>eRF1</i>	0.989	1640288 s at
		eIF5	<i>eIF5</i>	0.988	1630911 s at
		Suppressor of variegation 3-9	<i>Su(var)3-9</i>	0.984	1632577 a at
		eIF3-S10	<i>eIF3-S10</i>	0.973	1631404 at
		Adam	<i>Adam</i>	0.96	1633287 at
		eIF-2alpha	<i>eIF-2alpha</i>	0.958	1632197 at
		Eukaryotic initiation factor 3 p66 subunit	<i>eIF-3p66</i>	0.946	1630063 a at
		RNA-binding protein 2	<i>Rbp2</i>	0.941	1624595 a at
		eIF2B-epsilon	<i>eIF2B-epsilon</i>	0.927	1624008 at
		CG9769	<i>CG9769</i>	0.897	1632103 at
		eIF2B-gamma	<i>eIF2B-gamma</i>	0.886	1638841 at
		eIF2B-alpha	<i>eIF2B-alpha</i>	0.874	1639421 at
		eIF1delta	<i>eIF1delta</i>	0.871	1632267 a at
		eIF5B	<i>eIF5B</i>	0.863	1639716 at
		eIF2B-delta	<i>eIF2B-delta</i>	0.852	1637700 s at
		Suppressor of variegation 3-9	<i>Su(var)3-9</i>	0.808	1626153 at
		eIF6	<i>eIF6</i>	0.748	1633284 at
		Ubiquitin-63E	<i>Ubi-p63E</i>	1.157	1624230 s at
		lethal (1) G0148	<i>l(1)G0148</i>	1.086	1639411 at
		Ribosomal protein L40	<i>Rpl40</i>	1.005	1633277 at
		Origin recognition complex subunit 6	<i>Orc6</i>	0.946	1627090 at
		Germ line transcription factor 1	<i>Gtf1</i>	0.923	1623086 at
		CG9273	<i>CG9273</i>	0.854	1639224 at
		DNA-polymerase-delta	<i>DNApol-delta</i>	0.845	1641438 at
		Minichromosome maintenance 3	<i>Mcm3</i>	0.839	1635234 at
		Replication Protein A 70	<i>Rpa-70</i>	0.839	1627380 at
		Origin recognition complex subunit 4	<i>Orc4</i>	0.837	1639877 at

		CG5971	CG5971	0.835	1631019_at
		DNA polymerase alpha 30kD	DNAPol-alpha30	0.83	1633854_at
		Replication-factor-C 40kD subunit	RF_C40	0.811	1634943_at
		DNA polymerase epsilon	DNAPol-epsilon	0.801	1626355_at
		Minichromosome maintenance 7	Mem7	0.79	1631517_at
		mutagen-sensitive 209	ms209	0.789	1623545_at
		lathco	lat	0.787	1627828_s_at
		Minichromosome maintenance 5	Mcm5	0.782	1626647_at
		Pole2	Pole2	0.779	1630620_at
		CG8142	CG8142	0.771	1632576_at
		DNA polymerase alpha 180kD	DNAPol-alpha180	0.768	1633249_at
		double parked	dnp	0.767	1624994_at
		CG12018	CG12018	0.765	1635335_at
		Minichromosome maintenance 2	Mcm2	0.732	1632669_at
		Origin recognition complex subunit 1	Orc1	0.726	1626652_at
		disc proliferation abnormal	dpa	0.726	1629737_at
		CDC45L	CDC45L	0.722	1632288_at
		Minichromosome maintenance 6	Mcm6	0.71	1638575_at
		RFC3	RF_C3	0.707	1637166_at
		Origin recognition complex subunit 2	Orc2	0.702	1635760_at
		Replication factor C 38kD subunit	RF_C38	0.68	1634081_at
		Origin recognition complex subunit 5	Orc5	0.67	1633660_at
		DNA polymerase alpha 73kD	DNAPol-alpha73	0.661	1628372_a_at
		DNAPrim	DNAPrim	0.649	1624473_at
		Sensitized chromosome inheritance modifier 19	Mcm10	0.62	1638868_at
		Ubiquitin-63E	Ubi-p63E	1.157	1624230_s_at
		Proteasome alpha subunit	ProxM45	1.056	1641432_a_at
		Proteasome 35kD subunit	Prox35	1.033	1631376_at
		Ubiquitin activating enzyme 1	Uba1	1.013	1640089_at
		CG12000	CG12000	0.988	1630851_s_at
		Proteasome 26kD subunit	Prox26	0.986	1623288_at
		Proteasome 25kD subunit	Prox25	0.983	1635872_at
		REG	REG	0.98	1625849_at
		effete	eff	0.976	1636436_at
		Rpn5	Rpn5	0.967	1639091_at
		Proxbeta5	Proxbeta5	0.966	1636559_s_at
		Proteasome p44.5 subunit	Rpn6	0.962	1628466_s_at
		Proteasome beta2 subunit	Proxbeta2	0.951	1640608_at
		CG9588	CG9588	0.951	1629777_at
		Diphenol oxidase A2	Doc-A2	0.942	1628269_at
		Proteasome alpha7 subunit	Proxalpha7	0.933	1634795_a_at
		Proteasome 26S subunit subunit 4 ATPase	Prox26.4	0.933	1630788_at
		CG6370	CG6370	0.932	1630630_at
		Rpn3	Rpn3	0.929	1637341_at
		Tat-binding protein-1	Tbp-1	0.929	1629676_at
		Proxbeta3	Proxbeta3	0.919	1623021_at
		Rpn1	Rpn1	0.916	1630925_at
		Prox45	Prox45	0.911	1639784_at
		Rpn1	Rpn1	0.907	1637349_at
		Proteasome 29kD subunit	Prox29	0.901	1634820_at
		lethal (2) 05070	l(2)05070	0.893	1641616_at
		Proteasome 54kD subunit	Prox54	0.891	1635974_at
		Rpn9	Rpn9	0.891	1626488_s_at
		Mov34	Mov34	0.888	1635259_at
		Rpn12	Rpn12	0.877	1640372_at
		CG17331	CG17331	0.873	1626782_at
		Rpn2	Rpn2	0.846	1638876_at
		Rpn4	Rpn4	0.832	1640710_at
		Rpn7	Rpn7	0.814	1633594_at
		CG12096	CG12096	0.787	1632182_at
		TBP-associated factor 7	Taf7	1.206	1640551_at
		TBP-associated factor 6	Taf6	1.122	1626563_at
		Tfb4	Tfb4	1.032	1628092_at
		Integrin linked kinase	ilk	0.983	1625014_at
		Transcription factor IIFalpha	TfIIEalpha	0.963	1639648_at
		Mat1	Mat1	0.961	1634055_at
		RNA polymerase II 15kD subunit	Rpl15	0.958	1633743_at
		RNA polymerase II 215kD subunit	Rpl1215	0.945	1640764_at
		TBP-associated factor 13	Taf13	0.945	1628630_at
		Rpb11	Rpb11	0.928	1638576_at
		Rpb7	Rpb7	0.926	1629251_at
		Xeroderma pigmentosum D	Xpd	0.911	1629170_s_at
		Tfb1	Tfb1	0.907	1638499_s_at
		TBP-associated factor 5	Taf5	0.906	1627331_at
		Transcription factor IIB	TfIIB	0.895	1634172_at
		RNA polymerase I subunit	Rpl1	0.895	1629356_at
		Tfb2	Tfb2	0.887	1630492_at
		Transcription factor IIEbeta	TfIIEbeta	0.885	1634616_at
		TBP-associated factor 12	Taf12	0.881	1625702_s_at
		Cyclin-dependent kinase 7	Cdk7	0.881	1630144_at
		haywire	hay	0.874	1641306_at
		Transcription-factor-IIA-S	TfIIA-S	0.857	1632370_at
		Rpb5	Rpb5	0.856	1632142_at
		RNA polymerase III 128kD subunit	Rpl1128	0.854	1628131_at
		RNA polymerase II 33kD subunit	Rpl133	0.85	1627827_s_at
		RNA polymerase II 18kD subunit	Rpl118	0.847	1636644_at
		Cyclin H	CycH	0.846	1640346_at
		Rpb8	Rpb8	0.846	1640078_at
		RNA polymerase II 140kD subunit	Rpl140	0.839	1625962_at
		TATA binding protein	Tbp	0.838	1637663_at
		Transcription factor TFIIFbeta	TfIIFbeta	0.833	1633349_at
		CG7339	CG7339	0.826	1638203_at
		Sex-lethal interactor	Sin	0.812	1635970_at
		RNA polymerase I 135kD subunit	Rpl135	0.782	1627924_at
		Pyruvate dehydrogenase kinase	Pdk	1.671	1629515_at
		Neural conserved at 73EF	Nc73EF	1.124	1632526_s_at
		CG1516	CG1516	0.991	1640629_s_at
		CG7998	CG7998	0.982	1640928_at
		CG1516	CG1516	0.977	1639255_s_at
		lethal (1) G0156	l(1)G0156	0.974	1634846_a_at
		CG5214	CG5214	0.973	1639513_at
		Sueb	Sueb	0.972	1637251_a_at
		CG11876	CG11876	0.958	1639252_s_at
		CG5028	CG5028	0.94	1629691_at
		CG7430	CG7430	0.937	1641291_at
35	Dm Proteasome Degradation				
34	Dm RNA transcription Reactome				
27	Dm Krebs -TCA Cycle				

		Succinate dehydrogenase B	<i>SdhB</i>	0.925	1640632_at
		Succinyl coenzyme A synthetase alpha subunit	<i>Scsalpha</i>	0.919	1638529_at
		CG5362	<i>CG5362</i>	0.918	1637847_at
		CG11963	<i>CG11963</i>	0.916	1630433_at
		CG5261	<i>CG5261</i>	0.909	1638067_at
		CG12151	<i>CG12151</i>	0.908	1629629_at
		CG6439	<i>CG6439</i>	0.901	1629745_at
		Aconitase	<i>Acon</i>	0.896	1634989_at
		lethal (1) G0030	<i>l(1)G0030</i>	0.891	1623252_at
		CG6666	<i>CG6666</i>	0.881	1639507_at
		Succinyl coenzyme A synthetase flavoprotein subunit	<i>Scs-fp</i>	0.879	1629086_s_at
		lethal (1) G0334	<i>l(1)G0334</i>	0.875	1635253_at
		lethal (1) G0255	<i>l(1)G0255</i>	0.851	1635025_at
		CG11876	<i>CG11876</i>	0.795	1636677_s_at
		Suchb	<i>Suchb</i>	0.65	1626745_at
		Suchb	<i>Suchb</i>	0.579	1635682_at
		Aldolase	<i>Ald</i>	1.316	1633473_s_at
		Hexokinase A	<i>Hex-A</i>	1.24	1625638_at
		Phosphoglycerate kinase	<i>Pgk</i>	1.084	1639766_at
		CG1516	<i>CG1516</i>	0.991	1640629_s_at
		Glyceraldehyde 3 phosphate dehydrogenase 2	<i>Gapdh2</i>	0.987	1627915_s_at
		Aldolase	<i>Ald</i>	0.983	1631993_s_at
		CG7998	<i>CG7998</i>	0.982	1640928_at
		Phosphoglucose isomerase	<i>Pgi</i>	0.981	1638550_s_at
		CG1516	<i>CG1516</i>	0.977	1639255_s_at
		CG11876	<i>CG11876</i>	0.958	1639252_s_at
		Enolase	<i>Eno</i>	0.954	1634065_s_at
		CG7430	<i>CG7430</i>	0.937	1641291_at
		Phosphofructokinase	<i>Pfk</i>	0.925	1634739_at
		CG5362	<i>CG5362</i>	0.918	1637847_at
		Triose phosphate isomerase	<i>Tpi</i>	0.915	1637816_s_at
		Glutamate oxaloacetate transaminase 1	<i>Got1</i>	0.914	1631817_s_at
		CG5261	<i>CG5261</i>	0.909	1638067_at
		Pyruvate kinase	<i>Pyk</i>	0.908	1628027_at
		lethal (1) G0334	<i>l(1)G0334</i>	0.875	1635253_at
		Glyceraldehyde 3 phosphate dehydrogenase 2	<i>Gapdh2</i>	0.872	1632667_s_at
		fructose-1,6-bisphosphatase	<i>Fbp</i>	0.869	1641066_s_at
		Glutamate oxaloacetate transaminase 2	<i>Got2</i>	0.859	1629055_at
		Ecdysone-inducible gene L3	<i>Impl.3</i>	0.819	1635227_at
		CG11876	<i>CG11876</i>	0.795	1636677_s_at
		CG5295	<i>CG5295</i>	1.375	1640754_at
		lethal (2) 44DEa	<i>l(2)44DEa</i>	0.995	1629961_at
		CG7430	<i>CG7430</i>	0.937	1641291_at
		CG11055	<i>CG11055</i>	0.924	1639384_s_at
		CG10932	<i>CG10932</i>	0.92	1638717_at
		CG3961	<i>CG3961</i>	0.917	1637109_s_at
		Triose phosphate isomerase	<i>Tpi</i>	0.915	1637816_s_at
		CG9547	<i>CG9547</i>	0.911	1637142_at
		congested-like trachea	<i>colt</i>	0.905	1628991_at
		CG12262	<i>CG12262</i>	0.901	1626566_at
		Acetyl Coenzyme A synthase	<i>AcCoAS</i>	0.899	1641148_at
		Thiolase	<i>Thiolase</i>	0.886	1634869_at
		CG7461	<i>CG7461</i>	0.881	1623788_at
		Arc42	<i>Arc42</i>	0.876	1640900_at
		CG6543	<i>CG6543</i>	0.87	1640466_s_at
		CG4389	<i>CG4389</i>	0.863	1635745_s_at
		CG2107	<i>CG2107</i>	0.858	1627839_at
		CG1041	<i>CG1041</i>	0.846	1624185_at
		mitochondrial carnitine palmitoyltransferase I	<i>CPTI</i>	0.809	1626147_s_at
		Glycerol kinase	<i>Gyk</i>	0.79	1638285_at
		lethal (2) k05713	<i>l(2)k05713</i>	0.783	1631474_s_at
		CG7995	<i>CG7995</i>	0.69	1633956_s_at
		Calmodulin	<i>Cam</i>	1.073	1623682_at
		PP2A-B'	<i>PP2A-B'</i>	1.056	1628476_at
		UGP	<i>UGP</i>	1.021	1633218_at
		widerborst	<i>wdb</i>	0.998	1626385_s_at
		microtubule star	<i>mts</i>	0.992	1640841_at
		shaggy	<i>sgg</i>	0.952	1630774_s_at
		CG7766	<i>CG7766</i>	0.935	1641396_at
		PP2A-B'	<i>PP2A-B'</i>	0.918	1640602_s_at
		Phosphogluconate mutase	<i>Pgm</i>	0.917	1633803_at
		Phosphorylase kinase gamma	<i>PhKgamma</i>	0.909	1623842_at
		CG4733	<i>CG4733</i>	0.887	1633088_at
		CG9485	<i>CG9485</i>	0.86	1637538_s_at
		Glycogen phosphorylase	<i>GlyP</i>	0.859	1631620_at
		CG6904	<i>CG6904</i>	0.859	1630044_s_at
		Glycogenin	<i>Glycogenin</i>	0.828	1635000_at
		CNS8	<i>CNS8</i>	0.827	1624894_s_at
		Phosphorylase kinase gamma	<i>PhKgamma</i>	0.815	1624139_at
		CG33138	<i>CG33138</i>	0.741	1634374_at
		widerborst	<i>wdb</i>	0.726	1629187_s_at
		Phosphotyrosyl phosphatase activator	<i>Pipa</i>	0.697	1629241_at
		CG5295	<i>CG5295</i>	1.375	1640754_at
		lethal (2) 44DEa	<i>l(2)44DEa</i>	0.995	1629961_at
		CG11055	<i>CG11055</i>	0.924	1639384_s_at
		CG3961	<i>CG3961</i>	0.917	1637109_s_at
		Triose phosphate isomerase	<i>Tpi</i>	0.915	1637816_s_at
		congested-like trachea	<i>colt</i>	0.905	1628991_at
		Acetyl Coenzyme A synthase	<i>AcCoAS</i>	0.899	1641148_at
		Thiolase	<i>Thiolase</i>	0.886	1634869_at
		CG7461	<i>CG7461</i>	0.881	1623788_at
		CG6543	<i>CG6543</i>	0.87	1640466_s_at
		CG4389	<i>CG4389</i>	0.863	1635745_s_at
		CG2107	<i>CG2107</i>	0.858	1627839_at
		CG1041	<i>CG1041</i>	0.846	1624185_at
		mitochondrial carnitine palmitoyltransferase I	<i>CPTI</i>	0.809	1626147_s_at
		Glycerol kinase	<i>Gyk</i>	0.79	1638285_at
		lethal (2) k05713	<i>l(2)k05713</i>	0.783	1631474_s_at
		CG7995	<i>CG7995</i>	0.69	1633956_s_at
		wunen	<i>wun</i>	1.478	1631573_at
		CG5295	<i>CG5295</i>	1.375	1640754_at
14	Dm Triacylglyceride Synthesis BiGCaT				
17	Dm Fatty Acid Beta Oxidation 1 BiGCaT				
20	Dm Glycogen Metabolism				
22	Dm Fatty Acid Beta Oxidation Meta BiGCaT				
24	Dm Glycolysis and Gluconeogenesis				

		Dihydroxyacetone phosphate acyltransferase	<i>Dhap-at</i>	1.335	1632807_at
		Glycerol 3 phosphate dehydrogenase	<i>Gpdh</i>	0.989	1636311_at
		CG4729	<i>CG4729</i>	0.927	1626646_s_at
		CG11055	<i>CG11055</i>	0.924	1639384_s_at
		UDP-GlcNAc:α-3-D-mannoside-β-1,2-N-acetylglucosaminyltransferase 1	<i>Mgat1</i>	0.874	1623607_at
		Glycerol 3 phosphate dehydrogenase	<i>Gpdh</i>	0.856	1616608_a_at
		Mgat2	<i>Mgat2</i>	0.843	1633061_at
		Glycerol 3 phosphate dehydrogenase	<i>Gpdh</i>	0.807	1625949_at
		Glycerol kinase	<i>Gyk</i>	0.79	1638285_a_at
		Glycerol 3 phosphate dehydrogenase	<i>Gpdh</i>	0.757	1634893_at
		CG5508	<i>CG5508</i>	0.724	1632146_a_at
		CG7995	<i>CG7995</i>	0.69	1633956_s_at
		CG6984	<i>CG6984</i>	0.997	1636153_at
		lethal (2) 44DEa	<i>l(2)44DEa</i>	0.995	1629961_s_at
		CG1516	<i>CG1516</i>	0.991	1640629_s_at
		CG1516	<i>CG1516</i>	0.977	1639253_s_at
		CG3323	<i>CG3323</i>	0.949	1624549_at
		CG3961	<i>CG3961</i>	0.917	1637109_s_at
		Acetyl Coenzyme A synthase	<i>AcCoA5</i>	0.899	1641148_a_at
		CG3977	<i>CG3977</i>	0.873	1634844_at
		CG6543	<i>CG6543</i>	0.87	1640466_s_at
		yippee interacting protein 2	<i>yip2</i>	0.856	1636180_at
		CG11198	<i>CG11198</i>	0.829	1636923_a_at
		CG16935	<i>CG16935</i>	0.718	1632316_at
12	Dm Fatty Acid Synthesis BiGCaT	minibrain	<i>minb</i>	1.308	1638476_s_at
		patched	<i>ptc</i>	1.179	1639749_a_at
		Rab23	<i>Rab23</i>	0.991	1635643_at
		snoN	<i>snoN</i>	0.985	1641036_at
		minibrain	<i>minb</i>	0.912	1632380_at
		Sin3A	<i>Sin3A</i>	0.879	1630165_s_at
		Bicoid interacting protein 1	<i>Bin1</i>	0.838	1632565_at
		Suppressor of fused	<i>Su(fu)</i>	0.838	1638427_at
		smoothed	<i>sno</i>	0.798	1634442_at
		Sin3A	<i>Sin3A</i>	0.785	1628903_s_at
		Cyclin B	<i>CycB</i>	0.756	1639876_a_at
		ede2	<i>ede2</i>	0.721	1631861_at
		lethal (2) 44DEa	<i>l(2)44DEa</i>	0.995	1629961_s_at
		CG3961	<i>CG3961</i>	0.917	1637109_s_at
		congested-like trachea	<i>colt</i>	0.905	1628991_at
		CG12262	<i>CG12262</i>	0.901	1626566_at
		Sterol carrier protein X-related thiolase	<i>ScpX</i>	0.901	1630643_at
		CG7461	<i>CG7461</i>	0.881	1623788_at
		Arc42	<i>Arc42</i>	0.876	1640900_at
		CG4389	<i>CG4389</i>	0.863	1635745_a_at
		CG2107	<i>CG2107</i>	0.858	1627839_at
		CG4598	<i>CG4598</i>	0.811	1632952_at
		mitochondrial carnitine palmitoyltransferase 1	<i>CPT1</i>	0.809	1626147_s_at
		Daughters against dpp	<i>Dad</i>	3.115	1633556_s_at
		nejire	<i>nej</i>	1.043	1622925_at
		Smad on X	<i>Smox</i>	1.01	1629290_at
		FK506-binding protein 2	<i>FK506-bp2</i>	0.99	1638415_at
		snoN	<i>snoN</i>	0.985	1641036_at
		baboon	<i>babo</i>	0.966	1623424_a_at
		armadillo	<i>arm</i>	0.878	1629020_s_at
		Smad anchor for receptor activation	<i>Sara</i>	0.822	1639858_s_at
		Mothers against dpp	<i>Mad</i>	0.797	1634683_at
		Fs	<i>Fs</i>	0.727	1637541_at
		CG1885	<i>CG1885</i>	1.249	1633740_at
		lethal (3) 02640	<i>l(3)02640</i>	1.007	1635542_at
		Aminolevulinic acid synthase	<i>Alas</i>	0.992	1632343_at
		ferrochelatase	<i>ferrochelatase</i>	0.929	1627939_a_at
		Porphobilinogen synthase	<i>Pbgs</i>	0.909	1633523_at
		Updo	<i>Updo</i>	0.862	1627448_at
		ferrochelatase	<i>ferrochelatase</i>	0.842	1626653_a_at
		Coproporphyrinogen oxidase	<i>Coprox</i>	0.751	1637191_at
		Protoporphyrinogen oxidase	<i>Ppox</i>	0.682	1635344_at
		CG7430	<i>CG7430</i>	0.937	1641291_at
		CG10932	<i>CG10932</i>	0.92	1638717_at
		CG9547	<i>CG9547</i>	0.911	1637142_at
		Thiolase	<i>Thiolase</i>	0.886	1634869_at
		Arc42	<i>Arc42</i>	0.876	1640900_at
		CG6543	<i>CG6543</i>	0.87	1640466_s_at
		CG4389	<i>CG4389</i>	0.863	1635745_a_at
		Zwischenferment	<i>Zw</i>	0.966	1625995_a_at
		CG30410	<i>CG30410</i>	0.889	1627655_at
		CG30499	<i>CG30499</i>	0.867	1638942_at
		Tal	<i>Tal</i>	0.847	1640549_at
		CG17333	<i>CG17333</i>	0.834	1636351_at
		Phosphogluconate dehydrogenase	<i>Pgd</i>	0.813	1631588_at
		CG12262	<i>CG12262</i>	0.901	1626566_at
		Thiolase	<i>Thiolase</i>	0.886	1634869_at
		Arc42	<i>Arc42</i>	0.876	1640900_at
		CG6543	<i>CG6543</i>	0.87	1640466_s_at
		CG4389	<i>CG4389</i>	0.863	1635745_a_at
		CG12262	<i>CG12262</i>	0.901	1626566_at
		Thiolase	<i>Thiolase</i>	0.886	1634869_at
		CG4389	<i>CG4389</i>	0.863	1635745_a_at
		CG4598	<i>CG4598</i>	0.811	1632952_at
		CG10399	<i>CG10399</i>	1.014	1633760_at
		CG1140	<i>CG1140</i>	0.934	1629939_a_at
		CG10932	<i>CG10932</i>	0.92	1638717_at
3	Dm Synthesis and Degradation of Ketone Bodies KEGG				