

				Cyclin D Suppressor of Cytokine Signaling at 16D	<i>CycD</i> <i>Socs16D</i>	dme:Dmel CG9096 dme:Dmel CG8146	0.882 0.746	1627295 s at 1636122 at				
Folding, Sorting and Degradation	SNARE interactions in vesicular transport	dme04130	16	Synapse protein 24	<i>Snap24</i>	dme:Dmel CG9474	1.141	1635597 at				
				Syntaxin 13	<i>Syntax13</i>	dme:Dmel CG11278	1.081	1635186 at				
				Syntaxin 6	<i>Syntax6</i>	dme:Dmel CG7736	1.057	1639075 s at				
				Syntaxin 7	<i>Syntax7</i>	dme:Dmel CG5081	0.969	1636575 s at				
				Syntaxin 8	<i>Syntax8</i>	dme:Dmel CG4109	0.93	1623564 at				
				Syntaxin 5	<i>Syntax5</i>	dme:Dmel CG4214	0.923	1625607 s at				
				Syntaxin 4	<i>Syntax4</i>	dme:Dmel CG12210	0.901	1637089 at				
				ubisnap	<i>usnp</i>	dme:Dmel CG2715	0.894	1638808 at				
				Syntaxin 18	<i>Syntax18</i>	dme:Dmel CG13626	0.864	1626506 at				
				Syntaxin 16	<i>Syntax16</i>	dme:Dmel CG1467	0.855	1635421 at				
				Syntaxin 17	<i>Syntax17</i>	dme:Dmel CG1136	0.827	1624043 at				
				Syntaxin 1A	<i>Syntax1A</i>	dme:Dmel CG1136	0.827	1624043 at				
				lethal (1) G0155	<i>l(1)G0155</i>	dme:Dmel CG1515	0.845	1640976 at				
				Ugt86Di	<i>Ugt86Di</i>	dme:Dmel CG6658	2.435	1641242 at				
				Carbohydrate Metabolism	Starch and sucrose metabolism	dme00500	16	Phosphoglucosyl mutase	<i>Pgm</i>	dme:Dmel CG5165	1.205	163803 at
								Trehalase	<i>Treh</i>	dme:Dmel CG9364	1.188	1635692 s at
								Hexokinase A	<i>Hex-A</i>	dme:Dmel CG3001	1.118	1625638 s at
Glycogen phosphorylase	<i>GlyP</i>	dme:Dmel CG7254	1.062					1631620 at				
GleAT-P	<i>GleAT-P</i>	dme:Dmel CG6207	0.977					1624164 s at				
Phosphoglucose isomerase	<i>Pgi</i>	dme:Dmel CG8251	0.973					1638550 s at				
abstrakt	<i>abst</i>	dme:Dmel CG14637	0.893					1623353 at				
UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel CG6644	0.877					1627662 at				
sugarless	<i>sgl</i>	dme:Dmel CG10072	0.855					1629352 at				
UGP	<i>UGP</i>	dme:Dmel CG4347	0.852					1633218 s at				
pitchoune	<i>pit</i>	dme:Dmel CG6375	0.842					1625758 s at				
GleAT-S	<i>GleAT-S</i>	dme:Dmel CG3881	0.822					1628402 s at				
Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel CG4414	0.809					1623070 at				
reptin	<i>rept</i>	dme:Dmel CG9750	0.798					1630792 at				
prune	<i>pn</i>	dme:Dmel CG3461	0.737					1637479 at				
short gastrulation	<i>sog</i>	dme:Dmel CG9224	1.325					1630142 at				
lin-19-like	<i>lin19</i>	dme:Dmel CG1877	1.112					1624407 s at				
lethal with a checkpoint kinase	<i>lack</i>	dme:Dmel CG4943	1.079					1632355 at				
nejire	<i>nej</i>	dme:Dmel CG15319	1.076					1622925 at				
punt	<i>put</i>	dme:Dmel CG7904	1.004					1631769 at				
Rho-kinase	<i>rok</i>	dme:Dmel CG9774	1	1626306 at								
extra macrohaetae	<i>emc</i>	dme:Dmel CG1007	0.998	1638748 at								
Mothers against dpp	<i>Mad</i>	dme:Dmel CG12399	0.994	1634683 at								
Smad anchor for receptor activation	<i>Sara</i>	dme:Dmel CG15667	0.964	1639858 s at								
RPS6-p70-protein kinase	<i>S6k</i>	dme:Dmel CG10539	0.949	1624244 at								
microtubule star	<i>mts</i>	dme:Dmel CG7109	0.919	1640841 at								
Smad on X	<i>Smox</i>	dme:Dmel CG2262	0.911	1629290 at								
Retinoblastoma-family protein	<i>Rbf</i>	dme:Dmel CG7413	0.905	1623479 at								
glass bottom boat	<i>gbb</i>	dme:Dmel CG5562	0.9	1628658 at								
Protein phosphatase 2A at 29B	<i>Pp2A-29B</i>	dme:Dmel CG17291	0.895	1625851 s at								
Daughters against dpp	<i>Dad</i>	dme:Dmel CG5201	0.846	1623556 s at								
Neural conserved at 73EF	<i>Nc73EF</i>	dme:Dmel CG11661	0.923	1632526 s at								
Iron regulatory protein 1A	<i>Irp-1A</i>	dme:Dmel CG4900	0.908	1627562 at								
Iron regulatory protein 1B	<i>Irp-1B</i>	dme:Dmel CG6342	0.887	1640650 at								
Succinyl coenzyme A synthetase alpha subunit	<i>Scsalpha</i>	dme:Dmel CG1065	0.873	1638529 at								
Aconitase	<i>Acon</i>	dme:Dmel CG9244	0.869	1634989 at								
Iso citrate dehydrogenase	<i>Icdh</i>	dme:Dmel CG7176	0.864	1634314 s at								
Sucb	<i>Sucb</i>	dme:Dmel CG10622	0.844	1635682 at								
lethal (1) G0156	<i>l(1)G0156</i>	dme:Dmel CG12233	0.843	1634846 s at								
Succinate dehydrogenase B	<i>SdhB</i>	dme:Dmel CG3283	0.837	1640632 at								
Succinyl coenzyme A synthetase flavoprotein subunit	<i>Scs-fp</i>	dme:Dmel CG17246	0.833	1629086 s at								
Sucb	<i>Sucb</i>	dme:Dmel CG3861	0.804	1623252 s at								
lethal (1) G0030	<i>l(1)G0030</i>	dme:Dmel CG10622	0.773	1626745 at								
Sucb	<i>Sucb</i>	dme:Dmel CG10622	0.747	1637251 s at								
lethal (1) G0255	<i>l(1)G0255</i>	dme:Dmel CG4094	0.744	1635025 s at								
Phosphoenolpyruvate carboxykinase	<i>Pepck</i>	dme:Dmel CG17725	0.723	1633599 s at								
yellow-f	<i>yellow-f</i>	dme:Dmel CG81850	1.095	1637370 at								
Tyramine beta hydroxylase	<i>Tbh</i>	dme:Dmel CG1543	1.084	1627317 s at								
Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel CG8430	1.053	1631817 s at								
tafazzin	<i>tafazzin</i>	dme:Dmel CG8766	1.05	1626481 s at								
Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel CG3425	0.894	1628907 at								
nahoda	<i>nahoda</i>	dme:Dmel CG12781	0.868	1630476 s at								
Diphenyl oxidase A3	<i>Dox-A3</i>	dme:Dmel CG2952	0.865	1628298 at								
Rab escort protein	<i>Rep</i>	dme:Dmel CG8432	0.862	1631388 at								
rasp	<i>rasp</i>	dme:Dmel CG11495	0.85	1630808 at								
Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel CG4233	0.846	1629055 s at								
GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel CG4422	0.84	1641129 at								
Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel CG6554	0.84	1632383 at								
Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel CG6598	0.814	1636740 at								
Aldehyde dehydrogenase type III	<i>AldH-III</i>	dme:Dmel CG11140	0.796	1627861 s at								
Tyrosine decarboxylase 1	<i>Tdc1</i>	dme:Dmel CG30445	0.709	1635665 s at								
Signal Transduction	Hedgehog signaling pathway	dme04340	14	coxa	<i>coxa</i>	dme:Dmel CG1708	1.121	1635554 at				
				dises overgrown	<i>dco</i>	dme:Dmel CG2048	1.044	1624447 s at				
				supernumerary limbs	<i>slmb</i>	dme:Dmel CG3412	1.041	1635960 at				
				cAMP-dependent protein kinase	<i>Pka-C3</i>	dme:Dmel CG6117	0.998	1635928 s at				
				fused	<i>fu</i>	dme:Dmel CG6551	0.96	1635117 at				
				Suppressor of fused	<i>Sufu</i>	dme:Dmel CG6054	0.95	1638427 at				
				shaggy	<i>sgg</i>	dme:Dmel CG2621	0.931	1630774 s at				
				patched	<i>ptc</i>	dme:Dmel CG2411	0.93	1639749 s at				
				glass bottom boat	<i>gbb</i>	dme:Dmel CG5562	0.9	1628658 at				
				cAMP-dependent protein kinase 1	<i>Pka-C1</i>	dme:Dmel CG4379	0.895	1631055 at				
				cAMP-dependent protein kinase 1	<i>Pka-C1</i>	dme:Dmel CG4379	0.867	1632409 s at				
				smoothened	<i>smo</i>	dme:Dmel CG11561	0.866	1634442 at				
				gilgamesh	<i>gish</i>	dme:Dmel CG6963	0.865	1626805 s at				
				Casein kinase Ialpha	<i>Cklalpha</i>	dme:Dmel CG2028	0.842	1623403 s at				
				Amino Acid Metabolism	Phenylalanine metabolism	dme00360	14	Immune-regulated catalase	<i>Irc</i>	dme:Dmel CG8913	1.078	1633391 at
Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel CG8430	1.053					1631817 s at				
tafazzin	<i>tafazzin</i>	dme:Dmel CG8766	1.05					1626481 s at				
dispatched	<i>disp</i>	dme:Dmel CG2019	1.048					1635021 at				
Peroxisomal 2540	<i>Prc2540-2</i>	dme:Dmel CG11765	0.951					1633471 at				
Rab escort protein	<i>Rep</i>	dme:Dmel CG8432	0.862					1631388 at				
rasp	<i>rasp</i>	dme:Dmel CG11495	0.85					1630808 at				
Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel CG4233	0.846					1629055 s at				
GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel CG4422	0.84					1641129 at				
Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel CG14704	0.826					1630741 s at				
Aldehyde dehydrogenase type III	<i>AldH-III</i>	dme:Dmel CG11140	0.796					1627861 s at				
Peroxisomal 6005	<i>Prc6005</i>	dme:Dmel CG3083	0.76	1634107 at								

Carbohydrate Metabolism	Fructose and mannose metabolism	dme00051	13	Peroxisin	<i>Pxn</i>	dme:Dmel	CG12002	0.752	1640097_at				
				thioredoxin peroxidase 2	<i>Jafrac2</i>	dme:Dmel	CG1274	0.724	1637814_s_at				
				Phosphofructokinase	<i>Pfk</i>	dme:Dmel	CG4001	1.129	1634739_a_at				
				Hexokinase A	<i>Hex-A</i>	dme:Dmel	CG3001	1.118	1625638_a_at				
				Triose phosphate isomerase	<i>Tpi</i>	dme:Dmel	CG2171	1.103	1637816_s_at				
				Aldolase	<i>Ald</i>	dme:Dmel	CG6058	1.081	1631993_s_at				
				Aldolase	<i>Ald</i>	dme:Dmel	CG6058	1.04	1634373_s_at				
				beta4GalNAcTA	<i>beta4GalNAcTA</i>	dme:Dmel	CG8536	1.007	1638113_at				
				6-phosphofructo-2-kinase	<i>Pfkc</i>	dme:Dmel	CG3400	0.904	1633454_s_at				
				Phosphomannomutase 45A	<i>Pmm45A</i>	dme:Dmel	CG8073	0.899	1628550_a_at				
				Fructose-1,6-bisphosphatase	<i>fbp</i>	dme:Dmel	CG31692	0.885	1641066_s_at				
				UDP-glucose-glycoprotein glucosyltransferase	<i>Ugt</i>	dme:Dmel	CG6850	0.882	1624465_at				
				GDP-4-keto-6-deoxy-D-mannose 3,5-epimerase/4-reductase	<i>Cmer</i>	dme:Dmel	CG3495	0.851	1626180_at				
				Phosphomannomutase 45A	<i>Pmm45A</i>	dme:Dmel	CG8073	0.846	1626864_at				
				GDP-mannose 4,6-dehydratase	<i>Gmd</i>	dme:Dmel	CG8890	0.844	1628321_at				
				Signal Transduction	Notch signaling pathway	dme04330	13	deletex	<i>de</i>	dme:Dmel	CG3929	1.114	1626617_at
								nejire	<i>nej</i>	dme:Dmel	CG15319	1.076	1622925_at
Hairless	<i>H</i>	dme:Dmel	CG5460					1.047	1639839_s_at				
mastermind	<i>mm</i>	dme:Dmel	CG8118					1.046	1632457_s_at				
niastrin	<i>nei</i>	dme:Dmel	CG7012					0.96	1640412_at				
dishevelled	<i>dsh</i>	dme:Dmel	CG18361					0.936	1628788_a_at				
Serrate	<i>Ser</i>	dme:Dmel	CG6127					0.935	1634766_at				
groucho	<i>gro</i>	dme:Dmel	CG8384					0.92	1636141_s_at				
Hairless	<i>H</i>	dme:Dmel	CG5460					0.905	1638568_s_at				
Presenilin	<i>Psn</i>	dme:Dmel	CG18803					0.871	1624165_a_at				
Suppressor of Hairless	<i>Su(H)</i>	dme:Dmel	CG3497					0.859	1629921_at				
anterior pharynx defective 1	<i>aph-1</i>	dme:Dmel	CG2855					0.793	1633763_at				
Suppressor of Hairless	<i>Su(H)</i>	dme:Dmel	CG3497					0.757	1637850_at				
Glycan Biosynthesis and Metabolism	Peptidoglycan biosynthesis	dme00550	12					PGRP-SD	<i>PGRP-SD</i>	dme:Dmel	CG7496	1.191	1633545_at
								PGRP-SC2	<i>PGRP-SC2</i>	dme:Dmel	CG14745	1.171	1629118_at
								GS1-like	<i>Gs1l</i>	dme:Dmel	CG15441	1.096	1633149_at
								Glutamine synthetase 2	<i>Gs2</i>	dme:Dmel	CG1743	0.998	1630653_g_at
				Peptidoglycan recognition protein SA	<i>PGRP-SA</i>	dme:Dmel	CG11709	0.992	1628884_at				
				Peptidoglycan recognition protein LE	<i>PGRP-LE</i>	dme:Dmel	CG8995	0.967	1638119_at				
				Glutamine synthetase 1	<i>Gs1</i>	dme:Dmel	CG2718	0.965	1632852_s_at				
				PGRP-SB1	<i>PGRP-SB1</i>	dme:Dmel	CG9681	0.945	1636490_at				
				Peptidoglycan recognition protein LA	<i>PGRP-LA</i>	dme:Dmel	CG32042	0.918	1625486_a_at				
				Peptidoglycan recognition protein LF	<i>PGRP-LF</i>	dme:Dmel	CG4437	0.856	1633145_at				
				GS1-like	<i>Gs1l</i>	dme:Dmel	CG15441	0.824	1632028_a_at				
				GS1-like	<i>Gs1l</i>	dme:Dmel	CG15441	0.823	1624340_at				
				Ugt86Di	<i>Ugt86Di</i>	dme:Dmel	CG6658	0.815	1641242_at				
				Metabolism of Cofactors and Vitamins	Porphyrin and chlorophyll metabolism	dme00860	12	Protoporphyrin oxidase	<i>Ppox</i>	dme:Dmel	CG5796	1.116	1635344_at
								GleAT-P	<i>GleAT-P</i>	dme:Dmel	CG6207	0.977	1624164_s_at
								Porphobilinogen synthase	<i>Pbes</i>	dme:Dmel	CG10335	0.962	1633523_at
								ferrochelatase	<i>ferrochelatase</i>	dme:Dmel	CG2098	0.921	1627939_a_at
Coproporphyrinogen oxidase	<i>Coprox</i>	dme:Dmel	CG3433					0.916	1637191_at				
lethal (3) 02640	<i>l302640</i>	dme:Dmel	CG9165					0.892	1635542_at				
UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel	CG6644					0.877	1627662_at				
Heme oxygenase	<i>Ho</i>	dme:Dmel	CG14716					0.864	1640462_at				
ferrochelatase	<i>ferrochelatase</i>	dme:Dmel	CG2098					0.861	1626653_a_at				
GleAT-S	<i>GleAT-S</i>	dme:Dmel	CG3881					0.822	1628402_a_at				
Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel	CG4414					0.809	1622070_at				
Biosynthesis of Secondary Metabolites	Stilbene, coumarin and lignin biosynthesis	dme00940	12					Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel	CG3972	1.199	1641552_at
								Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel	CG2060	1.145	1627844_at
								Immune-regulated catalase	<i>Irc</i>	dme:Dmel	CG8913	1.078	1633391_at
								dispatched	<i>disp</i>	dme:Dmel	CG2019	1.048	1635021_at
								Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel	CG10246	1.041	1628345_at
								Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel	CG10248	1.028	1640755_at
				Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel	CG3616	0.958	1641428_at				
				Peroxisome 2540	<i>Prc2540-2</i>	dme:Dmel	CG11765	0.951	1633471_at				
				Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel	CG3466	0.772	1636793_at				
				Peroxisome 6005	<i>Prc6005</i>	dme:Dmel	CG3083	0.76	1634107_at				
	Alkaloid biosynthesis II	dme00960	11	Peroxisin	<i>Pxn</i>	dme:Dmel	CG12002	0.752	1640097_at				
				thioredoxin peroxidase 2	<i>Jafrac2</i>	dme:Dmel	CG1274	0.724	1637814_s_at				
				Gliotactin	<i>Gli</i>	dme:Dmel	CG3903	1.487	1624203_s_at				
				tafazzin	<i>tafazzin</i>	dme:Dmel	CG8766	1.05	1626481_a_at				
				cricket	<i>cli</i>	dme:Dmel	CG9858	0.939	1640257_at				
				Rab escort protein	<i>Rep</i>	dme:Dmel	CG8432	0.862	1631388_at				
				rasp	<i>rasp</i>	dme:Dmel	CG11495	0.85	1630808_at				
Carbohydrate Metabolism	Aminosugars metabolism	dme00530	11	GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel	CG4422	0.84	1641129_at				
				alpha-Esterase-7	<i>alpha-Est7</i>	dme:Dmel	CG1112	0.828	1637255_a_at				
				alpha-Esterase-1	<i>alpha-Est1</i>	dme:Dmel	CG1031	0.815	1623885_at				
				alpha-Esterase-8	<i>alpha-Est8</i>	dme:Dmel	CG1121	0.798	1635893_at				
				alpha-Esterase-3	<i>alpha-Est3</i>	dme:Dmel	CG1257	0.785	1623354_at				
				Peroxisome 6005	<i>Prc6005</i>	dme:Dmel	CG3083	0.76	1634107_at				
				Hexokinase A	<i>Hex-A</i>	dme:Dmel	CG3001	1.118	1625638_a_at				
				fused lobes	<i>fdl</i>	dme:Dmel	CG8824	1.045	1635714_s_at				
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	0.971	1640957_at				
				Chitinase-like	<i>Chit</i>	dme:Dmel	CG5210	0.969	1641259_at				
				Imaginal disc growth factor 3	<i>I dgf3</i>	dme:Dmel	CG4559	0.964	1623643_s_at				
				Glutamine:fructose-6-phosphate aminotransferase 2	<i>Gfat2</i>	dme:Dmel	CG1345	0.951	1635153_at				
				Imaginal disc growth factor 2	<i>I dgf2</i>	dme:Dmel	CG4475	0.927	1640202_at				
				Imaginal disc growth factor 1	<i>I dgf1</i>	dme:Dmel	CG4472	0.926	1633237_at				
				Imaginal disc growth factor 3	<i>I dgf3</i>	dme:Dmel	CG4559	0.795	1626301_at				
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.787	1632188_at				
				Biosynthesis of Secondary Metabolites	Limonene and pinene degradation	dme00903	11	Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.77	1637510_s_at
Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel	CG3972					1.199	1641552_at				
Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel	CG2060					1.145	1627844_at				
tafazzin	<i>tafazzin</i>	dme:Dmel	CG8766					1.05	1626481_a_at				
Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel	CG10246					1.041	1628345_at				
Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel	CG10248					1.028	1640755_at				
Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel	CG3752					1.02	1634096_at				
Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel	CG3616					0.958	1641428_at				
Rab escort protein	<i>Rep</i>	dme:Dmel	CG8432					0.862	1631388_at				
rasp	<i>rasp</i>	dme:Dmel	CG11495					0.85	1630808_at				
GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel	CG4422					0.84	1641129_at				
Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel	CG3466					0.772	1636793_at				
GTPase-activating protein 1	<i>Gap1</i>	dme:Dmel	CG6721					1.335	1629842_at				
anterior open	<i>aop</i>	dme:Dmel	CG3166					1.193	1627394_s_at				
gurken	<i>grk</i>	dme:Dmel	CG17610					1.136	1627656_at				
Son of sevenless	<i>Sos</i>	dme:Dmel	CG7793					1.062	1633335_at				
pole hole	<i>phl</i>	dme:Dmel	CG2845					1.057	1627470_at				
pointed	<i>pnt</i>	dme:Dmel	CG17077	1.003	1630010_a_at								
Signal Transduction	MAPK signaling pathway	dme04010	11	GTPase-activating protein 1	<i>Gap1</i>	dme:Dmel	CG6721	0.985	1635325_a_at				
				downstream of receptor kinase	<i>drk</i>	dme:Dmel	CG6033	0.944	1625475_s_at				
				Ras oncogene at 85D	<i>Ras85D</i>	dme:Dmel	CG9375	0.943	1624899_at				



					Pyruvate kinase	<i>Pvk</i>	dme:Dmel	CG7070	1.037	1628027_a_at
					Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel	CG3752	1.02	1634096_at
					Malic enzyme	<i>Men</i>	dme:Dmel	CG10120	1.018	1629095_a_at
					lethal (1) G0334	<i>l1G0334</i>	dme:Dmel	CG7010	0.848	1635253_a_at
					Acylphosphatase 2	<i>Acyp2</i>	dme:Dmel	CG18505	0.742	1629363_at
					Phosphoenolpyruvate carboxylase	<i>Pepck</i>	dme:Dmel	CG17725	0.23	1633599_a_at
					Phosphatidylinositol 3 kinase 59F	<i>Pi3K59F</i>	dme:Dmel	CG5373	1.098	1625678_at
					Autophagy-specific gene 8a	<i>Atg8a</i>	dme:Dmel	CG32672	1.045	1639467_at
					Autophagy-specific gene 5	<i>Atg5</i>	dme:Dmel	CG1643	1.035	1641621_at
					Autophagy-specific gene 1	<i>Atg1</i>	dme:Dmel	CG10967	1.028	1627886_at
					Neurexin IV	<i>Nrx-IV</i>	dme:Dmel	CG6827	0.931	1639459_a_at
					SNF1A/AMP-activated protein kinase	<i>SNF1A</i>	dme:Dmel	CG3051	0.931	1629357_s_at
					Autophagy-specific gene 7	<i>Atg7</i>	dme:Dmel	CG5489	0.911	1637240_a_at
					Autophagy-specific gene 6	<i>Atg6</i>	dme:Dmel	CG5429	0.79	1636499_at
					Autophagy-specific gene 12	<i>Atg12</i>	dme:Dmel	CG10861	0.774	1633586_at
					mutagen-sensitive 308	<i>mus308</i>	dme:Dmel	CG6019	1.222	1635214_at
					mutagen-sensitive 205	<i>mus205</i>	dme:Dmel	CG1925	1.121	1631822_at
					tamais	<i>tam</i>	dme:Dmel	CG8987	0.885	1637860_at
					DNA polymerase epsilon	<i>DNApol-epsilon</i>	dme:Dmel	CG6768	0.858	1626355_at
					DNA polymerase alpha 180kD	<i>DNApol-alpha180</i>	dme:Dmel	CG6349	0.854	1633249_at
					DNA-polymerase-delta	<i>DNAPol-delta</i>	dme:Dmel	CG5949	0.853	1641438_at
					DNA polymerase alpha 50kD	<i>DNApol-alpha50</i>	dme:Dmel	CG7108	0.745	1633854_at
					DNA polymerase alpha 73kD	<i>DNApol-alpha73</i>	dme:Dmel	CG5923	0.691	1628372_a_at
					Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel	CG3752	1.02	1634096_at
					tippee interacting protein 2	<i>tip2</i>	dme:Dmel	CG4600	0.924	1636180_at
					Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel	CG3425	0.894	1628907_at
					acyl-Coenzyme A oxidase at 57D proximal	<i>AcCo57D-p</i>	dme:Dmel	CG9707	0.877	1639943_at
					Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel	CG6598	0.814	1636740_at
					mitochondrial carnitine palmitoyltransferase 1	<i>CPT1</i>	dme:Dmel	CG12891	0.789	1626147_s_at
					bubbegum	<i>bgm</i>	dme:Dmel	CG4501	0.785	1634048_a_at
					scully	<i>scu</i>	dme:Dmel	CG7113	0.781	1634433_at
					Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel	CG3752	1.02	1634096_at
					grappa	<i>gpp</i>	dme:Dmel	CG10272	0.98	1638708_s_at
					Neural conserved at 73EF	<i>Nc73EF</i>	dme:Dmel	CG11661	0.923	1635226_s_at
					grappa	<i>gpp</i>	dme:Dmel	CG10272	0.902	1627796_s_at
					Spase 12-subunit	<i>Spase12</i>	dme:Dmel	CG11500	0.843	1632479_at
					Spase 25-subunit	<i>Spase25</i>	dme:Dmel	CG1751	0.808	1637839_at
					scully	<i>scu</i>	dme:Dmel	CG7113	0.781	1634433_at
					Spase 22/23-subunit	<i>Spase22-23</i>	dme:Dmel	CG5677	0.781	1641646_at
					Immune-regulated catallase	<i>Irc</i>	dme:Dmel	CG8913	1.078	1633391_at
					dispatched	<i>disp</i>	dme:Dmel	CG2019	1.048	1635021_at
					Peroxisome 2540	<i>Prx2540-2</i>	dme:Dmel	CG11765	0.951	1633471_at
					Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel	CG6598	0.814	1636740_at
					Catalase	<i>Cat</i>	dme:Dmel	CG6871	0.784	1639480_at
					Peroxisome 6005	<i>Prx6005</i>	dme:Dmel	CG3083	0.76	1634107_at
					Peroxisome	<i>Pxn</i>	dme:Dmel	CG12002	0.752	1640097_at
					thioredoxin peroxidase 2	<i>Jafra2</i>	dme:Dmel	CG1274	0.724	1637814_s_at
					Ugt86Di	<i>Ugt86Di</i>	dme:Dmel	CG6658	2.438	1641242_at
					beta4GalNAcTA	<i>beta4GalNAcTA</i>	dme:Dmel	CG8536	1.007	1638113_at
					GleAT-P	<i>GleAT-P</i>	dme:Dmel	CG6207	0.977	1624164_s_at
					UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel	CG6644	0.877	1627662_at
					sugarless	<i>sgl</i>	dme:Dmel	CG10072	0.853	1629352_at
					UGP	<i>UGP</i>	dme:Dmel	CG4347	0.852	1633218_a_at
					GleAT-S	<i>GleAT-S</i>	dme:Dmel	CG3881	0.822	1628402_a_at
					Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel	CG4414	0.809	1632070_at
					Ecdysone-inducible gene L3	<i>ImpL3</i>	dme:Dmel	CG10160	3.522	1635227_at
					lethal (2) 44DEa	<i>l(2)44DEa</i>	dme:Dmel	CG8732	1.22	1629961_s_at
					Acetyl Coenzyme A synthase	<i>AcCoAS</i>	dme:Dmel	CG9390	1.042	1641148_a_at
					Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel	CG3752	1.02	1634096_at
					Succinyl coenzyme A synthetase alpha subunit	<i>Scsalpa</i>	dme:Dmel	CG1065	0.873	1638529_at
					Such	<i>Such</i>	dme:Dmel	CG10622	0.844	1635682_at
					Such	<i>Such</i>	dme:Dmel	CG10622	0.773	1626745_at
					Such	<i>Such</i>	dme:Dmel	CG10622	0.747	1637251_a_at
					belpregor	<i>bor</i>	dme:Dmel	CG6815	1.146	1628099_at
					NTase	<i>NTase</i>	dme:Dmel	CG3059	1.005	1630857_s_at
					NEM-sensitive fusion protein 2	<i>Nsf2</i>	dme:Dmel	CG33101	0.908	1639023_at
					c12.2	<i>c12.2</i>	dme:Dmel	CG12149	0.827	1639233_at
					Germ line transcription factor 1	<i>Gnfl</i>	dme:Dmel	CG1119	0.774	1623086_at
					Origin recognition complex subunit 5	<i>Orc5</i>	dme:Dmel	CG7833	0.735	1633660_at
					RIC3	<i>Rf3</i>	dme:Dmel	CG5313	0.708	1637166_at
					cutlet	<i>cutlet</i>	dme:Dmel	CG33122	0.68	1627253_at
					Hemolectin	<i>Hml</i>	dme:Dmel	CG7002	1.308	1628018_at
					Actin 5C	<i>Act5C</i>	dme:Dmel	CG4027	1.084	1626163_s_at
					Actin 42A	<i>Act42A</i>	dme:Dmel	CG12051	0.973	1624471_s_at
					Lamin	<i>Lam</i>	dme:Dmel	CG6944	0.943	1636809_at
					Laminin B2	<i>LanB2</i>	dme:Dmel	CG3322	0.878	1632666_at
					Collagen type IV	<i>Cg23C</i>	dme:Dmel	CG4145	0.871	1630150_s_at
					Lamin C	<i>LamC</i>	dme:Dmel	CG10119	0.514	1629981_at
					vriile	<i>vri</i>	dme:Dmel	CG14029	1.193	1629273_s_at
					PAR-domain protein 1	<i>Pdp1</i>	dme:Dmel	CG17888	1.137	1627436_s_at
					discs overgrown	<i>dco</i>	dme:Dmel	CG2048	1.044	1624447_s_at
					shaggy	<i>sgg</i>	dme:Dmel	CG2621	0.931	1630774_s_at
					eycile	<i>cyc</i>	dme:Dmel	CG8727	0.88	1640765_at
					gilgamesh	<i>gish</i>	dme:Dmel	CG6963	0.865	1626805_s_at
					Casein kinase Ialpha	<i>Cklalpha</i>	dme:Dmel	CG2028	0.842	1623403_s_at
					Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel	CG3972	1.199	1641552_at
					Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel	CG2060	1.145	1627844_at
					Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel	CG10246	1.041	1628345_at
					Acid phosphatase 1	<i>Acph-1</i>	dme:Dmel	CG7899	1.033	1640265_a_at
					Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel	CG10248	1.028	1640755_at
					Cytochrome P450-9e1	<i>Cyp9e1</i>	dme:Dmel	CG3616	0.958	1641428_at
					Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel	CG3466	0.772	1636793_at
					Minute (2) 21AB	<i>Minute(2)21AB</i>	dme:Dmel	CG2674	1.042	1624083_s_at
					Methionyl-tRNA synthetase	<i>Amts-met</i>	dme:Dmel	CG1322	0.897	1632235_at
					S-adenosylmethionine decarboxylase	<i>SamdC</i>	dme:Dmel	CG5029	0.84	1639598_at
					S-adenosylmethionine decarboxylase	<i>SamdC</i>	dme:Dmel	CG5029	0.821	1635130_a_at
					Adenosylhomocysteinease at 13	<i>Ahcy13</i>	dme:Dmel	CG11654	0.792	1629222_at
					Spermidine Synthase	<i>SpdS</i>	dme:Dmel	CG8327	0.758	1630830_a_at
					DNA methyltransferase 2	<i>Dnmt2</i>	dme:Dmel	CG10692	0.682	1636427_a_at
					HDAC4	<i>HDAC4</i>	dme:Dmel	CG1770	1.049	1635284_a_at
					Sir2	<i>Sir2</i>	dme:Dmel	CG5216	1.036	1628368_at
					lok	<i>lok</i>	dme:Dmel	CG10895	0.92	1625038_s_at
					immune response deficient 5	<i>irid5</i>	dme:Dmel	CG4201	0.906	1625974_at
					Hdaac3	<i>Hdaac3</i>	dme:Dmel	CG2128	0.853	1637369_at



				Rhythmically expressed gene 3	<i>Reg-3</i>	dme:Dmel_CG2194	0.821	1625686_s_at
				Collapsin Response Mediator Protein	<i>CRAIP</i>	dme:Dmel_CG1411	0.735	1639109_a_at
Biosynthesis of Secondary Metabolites	Alkaloid biosynthesis I	dme00950	4	Glutamate oxaloacetate transaminase 1	<i>Gat1</i>	dme:Dmel_CG8430	1.053	1631817_a_at
				Diphenol oxidase A3	<i>Dox-A3</i>	dme:Dmel_CG2952	0.865	1628298_at
				Glutamate oxaloacetate transaminase 2	<i>Gat2</i>	dme:Dmel_CG4233	0.846	1629055_a_at
Metabolism of Other Amino Acids	Aminophosphonate metabolism	dme00440	4	Tyrosine decarboxylase 1	<i>Tdc1</i>	dme:Dmel_CG30445	0.709	1635665_at
				CTP:phosphocholine cytidyltransferase 2	<i>Cct2</i>	dme:Dmel_CG18330	1.143	1625859_at
				Phosphoethanolamine cytidyltransferase	<i>Pect</i>	dme:Dmel_CG5547	1.07	1641183_a_at
				CTP:phosphocholine cytidyltransferase 1	<i>Cct1</i>	dme:Dmel_CG1049	1.002	1629930_s_at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel_CG6554	0.84	1632383_at
Amino Acid Metabolism	Cysteine metabolism	dme00272	4	Ecdysone-inducible gene L3	<i>ImpL3</i>	dme:Dmel_CG10160	0.372	1635227_at
				Glutamate oxaloacetate transaminase 1	<i>Gat1</i>	dme:Dmel_CG8430	1.053	1631817_a_at
				Cysteinyln-RNA synthetase	<i>Aats-cys</i>	dme:Dmel_CG8431	1.041	1625878_at
				Glutamate oxaloacetate transaminase 2	<i>Gat2</i>	dme:Dmel_CG4233	0.846	1629055_a_at
Xenobiotics Biodegradation and Metabolism	Ethylbenzene degradation	dme00642	4	tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766	1.05	1626481_a_at
				Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432	0.862	1631388_at
				rasp	<i>rasp</i>	dme:Dmel_CG11495	0.85	1630808_at
				GDP dissociation inhibitor fused lobes	<i>Gdi</i>	dme:Dmel_CG4422	0.84	1641129_at
					<i>fil</i>	dme:Dmel_CG8824	1.045	1635714_s_at
Glycan Biosynthesis and Metabolism	Globoside metabolism	dme00603	4	Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel_CG1787	0.971	1640957_at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.787	1632188_at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.77	1637510_s_at
Amino Acid Metabolism	Histidine metabolism	dme00340	4	Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	1.02	1634096_at
				Histidyl-RNA synthetase	<i>Aats-his</i>	dme:Dmel_CG6335	0.876	1631877_a_at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel_CG6554	0.84	1632383_at
	Phenylalanine, tyrosine and tryptophan biosynthesis	dme00400	4	Aldehyde dehydrogenase type III	<i>Aldh-III</i>	dme:Dmel_CG11140	0.796	1627861_s_at
				Glutamate oxaloacetate transaminase 1	<i>Gat1</i>	dme:Dmel_CG8430	1.053	1631817_a_at
				Tyrosyl-RNA synthetase	<i>Aats-tyr</i>	dme:Dmel_CG4561	1.03	1632234_a_at
				Phenylalanyl-RNA synthetase	<i>Aats-phe</i>	dme:Dmel_CG13348	0.931	1636872_at
	Valine, leucine and isoleucine biosynthesis	dme00290	4	Glutamate oxaloacetate transaminase 2	<i>Gat2</i>	dme:Dmel_CG4233	0.846	1629055_a_at
				Valyl-RNA synthetase	<i>Aats-val</i>	dme:Dmel_CG4062	1.012	1638259_s_at
				Isoleucyl-RNA synthetase	<i>Aats-ile</i>	dme:Dmel_CG11471	0.919	1631106_s_at
	Valine, leucine and isoleucine degradation	dme00280	4	Leucyl-RNA synthetase	<i>Aats-leu</i>	dme:Dmel_CG7479	0.851	1623460_at
				lethal (1) G0334	<i>l(1)G0334</i>	dme:Dmel_CG7010	0.848	1635253_a_at
				HMG Coenzyme A synthase	<i>HmgS</i>	dme:Dmel_CG4311	1.136	1634072_s_at
Aldehyde dehydrogenase				<i>Aldh</i>	dme:Dmel_CG3752	1.02	1634096_at	
Lipid Metabolism	Biosynthesis of steroids	dme00100	3	yippee interacting protein 2 scully	<i>yip2</i>	dme:Dmel_CG4600	0.924	1636180_at
				Farnesyl pyrophosphate synthase	<i>Fpps</i>	dme:Dmel_CG12389	1.082	1628428_at
				HMG Coenzyme A reductase	<i>Hmgcr</i>	dme:Dmel_CG10367	1.011	1628990_at
				queamo	<i>qm</i>	dme:Dmel_CG8593	0.884	1635967_at
				Spase 12-subunit	<i>Spase12</i>	dme:Dmel_CG11500	0.843	1632479_at
				Spase 25-subunit	<i>Spase25</i>	dme:Dmel_CG1751	0.808	1637839_at
				Spase 22/23-subunit	<i>Spase22-23</i>	dme:Dmel_CG5677	0.781	1641646_at
				Peptidoglycan recognition protein LB	<i>PCRP-LB</i>	dme:Dmel_CG14704	0.826	1630741_s_at
				Nitrilase and histidine triad fusion protein	<i>NitFht</i>	dme:Dmel_CG7067	0.813	1626557_at
				SP2637	<i>SP2637</i>	dme:Dmel_CG5473	0.742	1638485_s_at
Lipid Metabolism	Fatty acid elongation in mitochondria	dme00062	3	Palmitoyl-protein thioesterase 1	<i>Ppt1</i>	dme:Dmel_CG12108	1.136	1637608_at
				yippee interacting protein 2 scully	<i>yip2</i>	dme:Dmel_CG4600	0.924	1636180_at
					<i>scu</i>	dme:Dmel_CG7113	0.781	1634433_at
Metabolism of Cofactors and Vitamins	One carbon pool by folate	dme00670	3	adenosine 3	<i>ade3</i>	dme:Dmel_CG31628	0.912	1637037_at
				NAD-dependent methylenetetrahydrofolate dehydrogenase	<i>Nmdmc</i>	dme:Dmel_CG18466	0.801	1640775_a_at
				Dihydrofolate reductase	<i>Dhfr</i>	dme:Dmel_CG14887	0.789	1639972_at
				Signal recognition particle protein 54k	<i>Srp54k</i>	dme:Dmel_CG4659	0.903	1633320_at
Folding, Sorting and Degradation	Protein export	dme03060	3	GTP-binding protein	<i>Gtp-bp</i>	dme:Dmel_CG2522	0.805	1639135_at
				Signal recognition particle protein 19	<i>Srp19</i>	dme:Dmel_CG4457	0.775	1638272_at
				Farnesyl pyrophosphate synthase	<i>Fpps</i>	dme:Dmel_CG12389	1.082	1628428_at
Biosynthesis of Secondary Metabolites	Terpenoid biosynthesis	dme00900	3	Hemomucin	<i>Hmu</i>	dme:Dmel_CG3373	0.971	1635740_at
				queamo	<i>qm</i>	dme:Dmel_CG8593	0.884	1635967_at
				sniffer	<i>snf</i>	dme:Dmel_CG10964	0.834	1627015_at
Lipid Metabolism	Arachidonic acid metabolism	dme00590	2	GXIVsPLA2	<i>GXIVsPLA2</i>	dme:Dmel_CG17035	0.834	1625027_a_at
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	1.02	1634096_at
Carbohydrate Metabolism	Ascorbate and aldarate metabolism	dme00053	2	sugarless	<i>sgl</i>	dme:Dmel_CG10072	0.853	1629352_at
				peptide O-xylosyltransferase	<i>ost</i>	dme:Dmel_CG32300	0.931	1637482_at
Glycan Biosynthesis and Metabolism	Chondroitin sulfate biosynthesis	dme00532	2	beta-4-galactosyltransferase 7	<i>beta4GalT7</i>	dme:Dmel_CG11780	0.696	1632917_at
				Glutamate dehydrogenase	<i>Gdh</i>	dme:Dmel_CG5320	0.967	1640835_a_at
Metabolism of Other Amino Acids	D-Glutamine and D-glutamate metabolism	dme00471	2	no extended memory	<i>nemy</i>	dme:Dmel_CG8772	0.964	1634658_a_at
				UDP-glucose-glycoprotein glucosyltransferase	<i>Ugt</i>	dme:Dmel_CG6850	0.882	1624465_at
Glycan Biosynthesis and Metabolism	Glycan structures - biosynthesis 2	dme01031	2	vegetable	<i>veg</i>	dme:Dmel_CG6657	0.822	1628922_s_at
				tout-velu	<i>ttv</i>	dme:Dmel_CG10117	1.012	1637442_at
Glycan Biosynthesis and Metabolism	Heparan sulfate biosynthesis	dme00534	2	brother of tout-velu	<i>btv</i>	dme:Dmel_CG15110	0.907	1636990_at
				Glutamate oxaloacetate transaminase 1	<i>Gat1</i>	dme:Dmel_CG8430	1.053	1631817_a_at
Biosynthesis of Secondary Metabolites	Novobiocin biosynthesis	dme00401	2	Glutamate oxaloacetate transaminase 2	<i>Gat2</i>	dme:Dmel_CG4233	0.846	1629055_a_at
				sugarless	<i>sgl</i>	dme:Dmel_CG10072	0.853	1629352_at
Carbohydrate Metabolism	Nucleotide sugars metabolism	dme00520	2	UGP	<i>UGP</i>	dme:Dmel_CG4347	0.852	1633218_a_at
				Acid phosphatase 1	<i>AcpH-1</i>	dme:Dmel_CG7899	1.033	1640265_a_at
Metabolism of Cofactors and Vitamins	Riboflavin metabolism	dme00740	2	Diphenol oxidase A3	<i>Dox-A3</i>	dme:Dmel_CG2952	0.865	1628298_at
				Phosphogluconate mutase	<i>Pgm</i>	dme:Dmel_CG5165	1.205	1633803_at
Biosynthesis of Secondary Metabolites	Streptomycin biosynthesis	dme00521	2	Hexokinase A	<i>Hex-A</i>	dme:Dmel_CG3001	1.118	1625638_a_at
				Lipoic acid synthase	<i>Las</i>	dme:Dmel_CG5231	1.151	1623470_at
				Lipoic acid synthase	<i>Las</i>	dme:Dmel_CG5231	0.969	1632225_a_at
Xenobiotics Biodegradation and Metabolism	Benzate degradation via hydroxylation	dme00362	1	yippee interacting protein 2	<i>yip2</i>	dme:Dmel_CG4600	0.924	1636180_at
				vegetable	<i>veg</i>	dme:Dmel_CG6657	0.822	1628922_s_at
Glycan Biosynthesis and Metabolism	Glycosyl - phosphatidylinositol(GPI)-anchor biosynthesis	dme00563	1					
Biosynthesis of Secondary Metabolites	Indole and ipecac alkaloid biosynthesis	dme00901	1	Hemomucin	<i>Hmu</i>	dme:Dmel_CG3373	0.971	1635740_at
				Triose phosphate isomerase	<i>Tpi</i>	dme:Dmel_CG2171	1.103	1637816_s_at
Carbohydrate Metabolism	Inositol metabolism	dme00031	1					
Lipid Metabolism	Linoleic acid metabolism	dme00591	1	GXIVsPLA2	<i>GXIVsPLA2</i>	dme:Dmel_CG17035	0.834	1625027_a_at
Xenobiotics Biodegradation and Metabolism	Styrene degradation	dme00643	1	Peptidoglycan recognition protein LB	<i>PCRP-LB</i>	dme:Dmel_CG14704	0.826	1630741_s_at
Energy Metabolism	Sulfur metabolism	dme00920	1	PAPS synthetase	<i>Paps</i>	dme:Dmel_CG8363	1.233	1634522_s_at

Lipid Metabolism	Synthesis and degradation of ketone bodies	dme00072	1	HMG Coenzyme A synthase	<i>Hmgs</i>	dme:Dmel_CG4311	1:156	1634072_s_at
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