

				Phosphogluconate mutase	<i>Pgm</i>	dme:Dmel_CG5165	0.769	1633803_at
				Trehalase	<i>Treh</i>	dme:Dmel_CG9364	0.759	1635692_s_at
				Glycogen phosphorylase	<i>GlyP</i>	dme:Dmel_CG7254	0.75	1631620_at
				UGP	<i>UGP</i>	dme:Dmel_CG4347	0.721	1633218_a_at
				Ugt86Di	<i>Ugt86Di</i>	dme:Dmel_CG6658	0.642	1641242_at
				Daughters against dpp	<i>Dad</i>	dme:Dmel_CG5201	1.791	1633556_s_at
				short gastrulation	<i>sog</i>	dme:Dmel_CG9224	1.266	1630142_at
				nejire	<i>nej</i>	dme:Dmel_CG15319	1.03	1622925_at
				Retinoblastoma-family protein	<i>Rbf</i>	dme:Dmel_CG7413	0.967	1623479_at
				Smad on X	<i>Smox</i>	dme:Dmel_CG2262	0.963	1622920_at
				Protein phosphatase 2A at 29B	<i>Pp2A-29B</i>	dme:Dmel_CG17291	0.942	1625851_s_at
				lin-19-like	<i>lin19</i>	dme:Dmel_CG1877	0.935	1624407_s_at
				microtubule star	<i>mts</i>	dme:Dmel_CG7109	0.909	1640841_at
				extra macrochaetae	<i>emc</i>	dme:Dmel_CG1007	0.891	1638748_at
				Rho-kinase	<i>rok</i>	dme:Dmel_CG9774	0.891	1626306_at
				glass bottom boat	<i>gbb</i>	dme:Dmel_CG5562	0.889	1628658_at
				Smad anchor for receptor activation	<i>Sara</i>	dme:Dmel_CG15667	0.875	1639858_s_at
				put	<i>put</i>	dme:Dmel_CG7904	0.831	1631769_at
				Mothers against dpp	<i>Mad</i>	dme:Dmel_CG12399	0.83	1634683_at
				lethal with a checkpoint kinase	<i>lack</i>	dme:Dmel_CG4943	0.824	1632355_at
				RPS6-p70-protein kinase	<i>S6k</i>	dme:Dmel_CG10539	0.811	1624244_at
				Neural conserved at 73EF	<i>Nc73EF</i>	dme:Dmel_CG11661	0.974	1632526_s_at
				Isocitrate dehydrogenase	<i>Idh</i>	dme:Dmel_CG7176	0.934	1634314_s_at
				Succinyl coenzyme A synthetase alpha subunit	<i>Scsalpha</i>	dme:Dmel_CG1065	0.927	1638529_at
				lethal (1) G0156	<i>l(1)G0156</i>	dme:Dmel_CG12233	0.926	1634846_a_at
				lethal (1) G0030	<i>l(1)G0030</i>	dme:Dmel_CG3861	0.91	1623252_a_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.902	1637251_a_at
				Aconinase	<i>Acon</i>	dme:Dmel_CG9244	0.866	1634989_at
				Iron regulatory protein 1A	<i>Irp-1A</i>	dme:Dmel_CG4900	0.864	1627562_at
				lethal (1) G0255	<i>l(1)G0255</i>	dme:Dmel_CG4094	0.86	1635025_s_at
				Succinate dehydrogenase B	<i>SdhB</i>	dme:Dmel_CG3283	0.86	1640632_at
				Iron regulatory protein 1B	<i>Irp-1B</i>	dme:Dmel_CG6342	0.806	1640650_at
				Succinyl coenzyme A synthetase flavoprotein subunit	<i>Scs-fp</i>	dme:Dmel_CG17246	0.791	1629086_s_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.745	1626745_at
				Phosphoenolpyruvate carboxykinase	<i>Pepck</i>	dme:Dmel_CG17725	0.675	1635399_a_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.593	1635682_at
				Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel_CG3425	1.19	1628907_at
				Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel_CG6598	0.996	1636740_at
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957	1629055_a_at
				GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel_CG4422	0.899	1641129_at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel_CG6554	0.895	1632383_at
				Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817_a_at
				yellow-f	<i>yellow-f</i>	dme:Dmel_CG18550	0.859	1637370_at
				Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432	0.847	1631388_at
				Diphenol oxidase A3	<i>Dox-A3</i>	dme:Dmel_CG2952	0.836	1628298_at
				tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766	0.812	1626481_a_at
				rasp	<i>rasp</i>	dme:Dmel_CG11495	0.81	1630808_at
				Tyrosine decarboxylase 1	<i>Tdc1</i>	dme:Dmel_CG30445	0.804	1635665_at
				Aldehyde dehydrogenase type III	<i>Aldh-III</i>	dme:Dmel_CG11140	0.756	1627861_s_at
				Tyramine beta hydroxylase	<i>Tbh</i>	dme:Dmel_CG1543	0.686	1627317_a_at
				nahoda	<i>nahoda</i>	dme:Dmel_CG12781	0.666	1630476_s_at
				costa	<i>costa</i>	dme:Dmel_CG1708	1.006	1633554_at
				fused	<i>fu</i>	dme:Dmel_CG6551	0.972	1635117_at
				dises overgrown	<i>dco</i>	dme:Dmel_CG2048	0.959	1624447_s_at
				smoothened	<i>sno</i>	dme:Dmel_CG11561	0.949	1634442_at
				eAMP-dependent protein kinase 1	<i>Pka-C1</i>	dme:Dmel_CG4379	0.943	1631055_at
				shaggy	<i>sgg</i>	dme:Dmel_CG2621	0.94	1630774_s_at
				patched	<i>ptc</i>	dme:Dmel_CG2411	0.92	1639749_a_at
				glass bottom boat	<i>gbb</i>	dme:Dmel_CG5562	0.889	1628658_at
				eAMP-dependent protein kinase 1	<i>Pka-C1</i>	dme:Dmel_CG4379	0.857	1632409_s_at
				Suppressor of fused	<i>Sufu</i>	dme:Dmel_CG6054	0.851	1638427_at
				gilgamesh	<i>gish</i>	dme:Dmel_CG6963	0.846	1626805_s_at
				supernumary limbs	<i>slmb</i>	dme:Dmel_CG3412	0.774	1635960_at
				Casein kinase Ialpha	<i>Cklalpha</i>	dme:Dmel_CG2028	0.745	1623403_s_at
				eAMP-dependent protein kinase	<i>Pka-C3</i>	dme:Dmel_CG6117	0.587	1635928_at
				Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel_CG14704	1.185	1630741_s_at
				Peroxidase	<i>Pxn</i>	dme:Dmel_CG12002	1.061	1640097_at
				Immune-regulated catalase	<i>Irc</i>	dme:Dmel_CG8913	1.003	1633391_at
				Peroxiredoxin 6005	<i>Prc6005</i>	dme:Dmel_CG3083	0.957	1634107_at
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957	1629055_a_at
				GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel_CG4422	0.899	1641129_at
				dispatched	<i>disp</i>	dme:Dmel_CG2019	0.883	1635021_at
				Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817_a_at
				thioredoxin peroxidase 2	<i>Jafroc2</i>	dme:Dmel_CG1274	0.858	1637814_a_at
				Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432	0.847	1631388_at
				tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766	0.812	1626481_a_at
				rasp	<i>rasp</i>	dme:Dmel_CG11495	0.81	1630808_at
				Aldehyde dehydrogenase type III	<i>Aldh-III</i>	dme:Dmel_CG11140	0.756	1627861_s_at
				Peroxiredoxin 2540	<i>Prc2540-2</i>	dme:Dmel_CG11765	0.597	1633471_at
				fructose-1,6-bisphosphatase	<i>fbp</i>	dme:Dmel_CG31692	1.039	1641066_s_at
				Aldolase	<i>Ald</i>	dme:Dmel_CG6058	0.994	1633473_s_at
				GDP-4-keto-6-deoxy-D-mannose 3,5-epimerase/4-reductase	<i>Gmer</i>	dme:Dmel_CG3495	0.95	1626180_at
				Hexokinase A	<i>Hex-A</i>	dme:Dmel_CG3001	0.935	1625638_a_at
				GDP-mannose 4,6-dehydratase	<i>Gmd</i>	dme:Dmel_CG8890	0.916	1628521_at
				UDP-glucose-glycoprotein glucosyltransferase	<i>Ugt</i>	dme:Dmel_CG6850	0.887	1624465_at
				beta4GalNAcTA	<i>beta4GalNAcTA</i>	dme:Dmel_CG8536	0.866	1638113_at
				Triose phosphate isomerase	<i>Tpi</i>	dme:Dmel_CG2171	0.863	1637816_s_at
				6-phosphofructo-2-kinase	<i>Pf2k</i>	dme:Dmel_CG3400	0.851	1633454_s_at
				Aldolase	<i>Ald</i>	dme:Dmel_CG6058	0.851	1631993_s_at
				Phosphomannomutase 45A	<i>Pmm45A</i>	dme:Dmel_CG8073	0.811	1628550_a_at
				Phosphofructokinase	<i>Pfk</i>	dme:Dmel_CG4001	0.797	1634739_a_at
				Phosphomannomutase 45A	<i>Pmm45A</i>	dme:Dmel_CG8073	0.78	1626864_at
				mastermind	<i>man</i>	dme:Dmel_CG8118	1.244	1632457_s_at
				nejire	<i>nej</i>	dme:Dmel_CG15319	1.03	1622925_at
				Suppressor of Hairless	<i>Su(H)</i>	dme:Dmel_CG3497	0.972	1637850_at
				Suppressor of Hairless	<i>Su(H)</i>	dme:Dmel_CG3497	0.948	1629921_a_at
				Serrate	<i>Ser</i>	dme:Dmel_CG3612	0.929	1634766_at
				Hairless	<i>H</i>	dme:Dmel_CG5460	0.905	1638568_s_at
				groucho	<i>gro</i>	dme:Dmel_CG3844	0.897	1636141_s_at
				anterior pharynx defective 1	<i>aph-1</i>	dme:Dmel_CG2855	0.891	1637363_at
				deltaex	<i>dx</i>	dme:Dmel_CG3929	0.888	1626617_at
				Presenilin	<i>Psn</i>	dme:Dmel_CG18803	0.886	1624165_a_at
				Hairless	<i>H</i>	dme:Dmel_CG5460	0.775	1639839_s_at
				dishevelled	<i>dsh</i>	dme:Dmel_CG18361	0.661	1628788_a_at

Glycan Biosynthesis and Metabolism	Peptidoglycan biosynthesis	dme00550	12	nicastriin	<i>net</i>	dme:Dmel_CG7012	0.653	1640412 at				
				PGRP-SB1	<i>PGRP-SB1</i>	dme:Dmel_CG9681	1.781	1636490 at				
				Peptidoglycan recognition protein LF	<i>PGRP-LF</i>	dme:Dmel_CG4347	1.184	1631445 at				
				PGRP-SC2	<i>PGRP-SC2</i>	dme:Dmel_CG14745	1.173	1629118 at				
				Peptidoglycan recognition protein SA	<i>PGRP-SA</i>	dme:Dmel_CG11709	1.111	1628884 at				
				PGRP-SD	<i>PGRP-SD</i>	dme:Dmel_CG7496	0.955	1633545 at				
				Peptidoglycan recognition protein LA	<i>PGRP-LA</i>	dme:Dmel_CG32042	0.945	1625486 a at				
				Glutamine synthetase 1	<i>Gs1</i>	dme:Dmel_CG2718	0.908	1632852 s at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.895	1631449 at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.757	1632028 a at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.732	1624340 at				
				Metabolism of Cofactors and Vitamins	Porphyrin and chlorophyll metabolism	dme00860	12	Glutamine synthetase 2	<i>Gs2</i>	dme:Dmel_CG1743	0.662	1630653 a at
Peptidoglycan recognition protein LE	<i>PGRP-LE</i>	dme:Dmel_CG8995	0.593					1638119 at				
UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel_CG6644	1.025					1627662 at				
Heme oxygenase	<i>Ho</i>	dme:Dmel_CG14716	0.859					1640462 at				
GleAT-P	<i>GleAT-P</i>	dme:Dmel_CG6207	0.834					1624164 s at				
Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel_CG4414	0.824					1632070 at				
Porphobilinogen synthase	<i>Pbgs</i>	dme:Dmel_CG10355	0.802					1635523 at				
GleAT-S	<i>GleAT-S</i>	dme:Dmel_CG3881	0.797					1628402 a at				
Protoporphyrinogen oxidase	<i>Ppox</i>	dme:Dmel_CG5796	0.78					1635344 at				
ferrochelatase	<i>ferrochelatase</i>	dme:Dmel_CG2098	0.778					1627939 a at				
lethal (3) 02640	<i>l302640</i>	dme:Dmel_CG9165	0.767					1635542 at				
ferrochelatase	<i>ferrochelatase</i>	dme:Dmel_CG2098	0.751					1626653 a at				
Biosynthesis of Secondary Metabolites	Stilbene, coumarin and lignin biosynthesis	dme00940	12	Coproporphyrinogen oxidase	<i>Coprox</i>	dme:Dmel_CG3433	0.718	1637191 at				
				Ugt86D	<i>Ugt86D</i>	dme:Dmel_CG6658	0.642	1641242 at				
				Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel_CG10246	1.326	1628345 at				
				Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel_CG10248	1.221	1640755 at				
				Peroxidase	<i>Pxn</i>	dme:Dmel_CG12002	1.061	1640097 at				
				Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel_CG3616	1.032	1641428 at				
				Immune-regulated catalase	<i>irc</i>	dme:Dmel_CG8913	1.003	1633391 at				
				Peroxisomal oxidase	<i>Pxo</i>	dme:Dmel_CG3083	0.957	1634107 at				
				Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel_CG2060	0.918	1627844 at				
				dispatched	<i>dispatched</i>	dme:Dmel_CG2019	0.883	1635021 at				
				thioredoxin peroxidase 2	<i>Tjpx2</i>	dme:Dmel_CG1274	0.858	1637814 s at				
				Alkaloid biosynthesis II		dme00960	11	Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel_CG3972	0.79	1641552 at
Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel_CG3466	0.782					1636793 at				
Peroxisomal oxidase 2540	<i>Pxo2540</i>	dme:Dmel_CG11765	0.597					1633471 at				
alpha-Esterase-7	<i>alpha-Est7</i>	dme:Dmel_CG1112	0.959					1637255 a at				
Peroxisomal oxidase 6005	<i>Pxo6005</i>	dme:Dmel_CG3083	0.957					1634107 at				
GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel_CG4422	0.899					1641129 at				
Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432	0.847					1631388 at				
cricket	<i>chl</i>	dme:Dmel_CG9858	0.843					1640257 at				
Gliotoxin	<i>Gli</i>	dme:Dmel_CG3903	0.833					1624203 s at				
alpha-Esterase-3	<i>alpha-Est3</i>	dme:Dmel_CG1257	0.827					1625354 at				
alpha-Esterase-8	<i>alpha-Est8</i>	dme:Dmel_CG1121	0.82					1635893 at				
Carbohydrate Metabolism	Aminosugars metabolism	dme00530	11					tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766	0.812	1626481 a at
				rasp	<i>rasp</i>	dme:Dmel_CG11495	0.81	1630808 at				
				alpha-Esterase-1	<i>alpha-Est1</i>	dme:Dmel_CG1031	0.744	1623885 at				
				Imaginal disc growth factor 1	<i>ldgf1</i>	dme:Dmel_CG4472	1.236	1633237 at				
				Chitinase-like	<i>Chit</i>	dme:Dmel_CG5210	1.184	1641259 at				
				Imaginal disc growth factor 2	<i>ldgf2</i>	dme:Dmel_CG4475	1.167	1640202 at				
				Imaginal disc growth factor 3	<i>ldgf3</i>	dme:Dmel_CG4559	1.16	1623643 s at				
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel_CG1787	1.132	1640957 at				
				Hexokinase A	<i>HexA</i>	dme:Dmel_CG3001	0.935	1625638 a at				
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.932	1637510 s at				
				Amino Acid Metabolism	Arginine and proline metabolism	dme00330	11	Glutamine:fructose-6-phosphate aminotransferase 2	<i>Gfat2</i>	dme:Dmel_CG1345	0.916	1635153 at
								fused lobes	<i>fill</i>	dme:Dmel_CG8824	0.905	1635714 s at
Imaginal disc growth factor 3	<i>ldgf3</i>	dme:Dmel_CG4559	0.88					1626301 at				
Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.85					1632188 at				
Ornithine aminotransferase precursor	<i>Oat</i>	dme:Dmel_CG8782	1.006					1627352 at				
Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957					1629055 a at				
Prolyl-tRNA synthetase	<i>Aats-pro</i>	dme:Dmel_CG12186	0.953					1629758 at				
Glutamyl-prolyl-tRNA synthetase	<i>Aats-glupro</i>	dme:Dmel_CG5394	0.928					1626523 a at				
Pyroline 5-carboxylate reductase	<i>P5cr</i>	dme:Dmel_CG6009	0.888					1638624 at				
Glutamate dehydrogenase	<i>Gdh</i>	dme:Dmel_CG5320	0.883					1640835 a at				
Arginyl-tRNA synthetase	<i>Aats-arg</i>	dme:Dmel_CG9020	0.875					1627148 at				
Biosynthesis of Secondary Metabolites	Limonene and pinene degradation	dme00903	11					Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817 a at
				sluggish A	<i>slgA</i>	dme:Dmel_CG1417	0.83	1640090 a at				
				prolyl-4-hydroxylase-alpha EFB	<i>PH4alphaEFB</i>	dme:Dmel_CG31022	0.813	1628705 at				
				arginase	<i>arg</i>	dme:Dmel_CG18104	0.778	1637548 at				
				Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel_CG10246	1.326	1628345 at				
				Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel_CG10248	1.221	1640755 at				
				Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel_CG3616	1.032	1641428 at				
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096 at				
				Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel_CG2060	0.918	1627844 at				
				GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel_CG4422	0.899	1641129 at				
				Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432	0.847	1631388 at				
				tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766	0.812	1626481 a at				
Signal Transduction	MAPK signaling pathway	dme04010	11	rasp	<i>rasp</i>	dme:Dmel_CG11495	0.81	1630808 at				
				Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel_CG3972	0.79	1641552 at				
				Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel_CG3466	0.782	1636793 at				
				GTPase-activating protein 1	<i>Gap1</i>	dme:Dmel_CG6721	1.056	1635325 a at				
				GTPase-activating protein 1	<i>Gap1</i>	dme:Dmel_CG6721	1.028	1629842 at				
				pole hole	<i>phl</i>	dme:Dmel_CG2845	1.01	1627470 at				
				downstream of receptor kinase	<i>drk</i>	dme:Dmel_CG6033	0.989	1625475 s at				
				Ras oncogene at 85D	<i>Ras85D</i>	dme:Dmel_CG9375	0.955	1624899 at				
				pointed	<i>pnt</i>	dme:Dmel_CG17077	0.927	1630010 a at				
				Son of sevenless	<i>Sos</i>	dme:Dmel_CG7793	0.912	1633335 at				
				corkscrew	<i>csw</i>	dme:Dmel_CG3954	0.836	1625775 a at				
				anterior open	<i>aop</i>	dme:Dmel_CG3166	0.835	1627394 s at				
Downstream of raf1	<i>Dsor1</i>	dme:Dmel_CG15793	0.816	1626006 at								
Energy Metabolism	Nitrogen metabolism	dme00910	11	gurkan	<i>grk</i>	dme:Dmel_CG17610	0.761	1627656 at				
				Nitrilase and fragile histidine triad fusion protein	<i>NitFnt</i>	dme:Dmel_CG7067	1.018	1626557 at				
				Carbonic anhydrase 1	<i>CAH1</i>	dme:Dmel_CG7820	0.977	1636374 at				
				Glutamine synthetase 1	<i>Gs1</i>	dme:Dmel_CG2718	0.908	1632852 s at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.895	1631449 at				
				Glutamate dehydrogenase	<i>Gdh</i>	dme:Dmel_CG5320	0.883	1640835 a at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.757	1632028 a at				
				SP2637	<i>SP2637</i>	dme:Dmel_CG5473	0.75	1638485 s at				
				GSI-like	<i>Gs1l</i>	dme:Dmel_CG15441	0.732	1624340 at				
				no extended memory	<i>nemy</i>	dme:Dmel_CG8772	0.705	1634658 a at				
				Glutamine synthetase 2	<i>Gs2</i>	dme:Dmel_CG1743	0.662	1630653 a at				
				asparagine synthetase	<i>asparagine synthetase</i>	dme:Dmel_CG33486	0.478	1633765 at				
Folding, Sorting	Proteasome	dme03050	11	Proteasome alpha subunit	<i>ProMA5</i>	dme:Dmel_CG10938	1.024	1641432 a at				
				Proteasome 26kD subunit	<i>Pros26</i>	dme:Dmel_CG4097	0.993	1623288 at				

and Degradation				Proteasome 25kD subunit	<i>Pros25</i>	dme:Dmel_CG5266	0.961	1635872_at
				Proteasome beta2 subunit	<i>Prosbeta2</i>	dme:Dmel_CG3329	0.95	1640608_at
				lethal (2) 05070	<i>l(2)05070</i>	dme:Dmel_CG8392	0.939	1641616_at
				Diphenol oxidase A2	<i>Dox-A2</i>	dme:Dmel_CG10484	0.934	1628269_at
				Proteasome 54kD subunit	<i>Pros54</i>	dme:Dmel_CG7619	0.928	1635974_at
				Proteasome 29kD subunit	<i>Pros29</i>	dme:Dmel_CG9327	0.924	1634820_at
				Proteasome 35kD subunit	<i>Pros35</i>	dme:Dmel_CG4904	0.921	1631376_at
				Tat-binding protein-1	<i>Tbp-1</i>	dme:Dmel_CG10370	0.916	1629676_at
				Proteasome 28kD subunit 1	<i>Pros28.1</i>	dme:Dmel_CG3422	0.856	1641485_at
				Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel_CG14704	1.185	1630741_s_at
				Amino Acid Metabolism	Tryptophan metabolism	dme00380	11	Catalase
Nitrilase and fragile histidine triad fusion protein	<i>NitFhit</i>	dme:Dmel_CG7067	1.018					1626557_at
Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995					1634096_at
Neural conserved at 73EF	<i>Nc73EF</i>	dme:Dmel_CG11661	0.974					1632526_s_at
scully	<i>scu</i>	dme:Dmel_CG7113	0.949					1634433_at
Tryptophanyl-tRNA synthetase	<i>Aats-trp</i>	dme:Dmel_CG9735	0.948					1629619_at
Angelman syndrome	<i>As</i>	dme:Dmel_CG6190	0.931					1632309_at
Arginine methyltransferase 1	<i>Arl1</i>	dme:Dmel_CG6554	0.895					1632383_at
Tryptophanyl-tRNA synthetase	<i>Aats-trp</i>	dme:Dmel_CG9735	0.88					1638511_at
Tryptophanyl-tRNA synthetase	<i>Aats-trp</i>	dme:Dmel_CG9735	0.772					1635547_a_at
Alanine and aspartate metabolism	dme00252	10	mitochondrial alanyl-tRNA synthetase					<i>Aats-ala-m</i>
			Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957	1629055_a_at	
			Asparaginyl-tRNA synthetase	<i>Aats-asn</i>	dme:Dmel_CG10687	0.956	1624475_at	
			Asparyl-tRNA synthetase	<i>Aats-asp</i>	dme:Dmel_CG3821	0.94	1629026_at	
			Alanyl-tRNA synthetase	<i>Aats-ala</i>	dme:Dmel_CG13391	0.874	1639644_at	
			Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817_a_at	
			lethal (1) G0334	<i>l(1)G0334</i>	dme:Dmel_CG7010	0.829	1632553_a_at	
			SP2637	<i>SP2637</i>	dme:Dmel_CG5473	0.75	1638485_s_at	
			rudimentary	<i>r</i>	dme:Dmel_CG18572	0.749	1641267_at	
			asparagine synthetase	<i>asparagine-synthetase</i>		0.478	1633765_at	
			Xenobiotics Biodegradation and Metabolism	Benzotoe degradation via CoA ligation	dme00632	10	Peptidoglycan recognition protein LB	<i>PGRP-LB</i>
Nitrilase and fragile histidine triad fusion protein	<i>NitFhit</i>	dme:Dmel_CG7067					1.018	1626557_at
immune response deficient 5	<i>ird5</i>	dme:Dmel_CG4201					0.957	1625974_at
lok1	<i>lok</i>	dme:Dmel_CG10895					0.946	1625038_s_at
Cyclin-dependent kinase 4	<i>Cdk4</i>	dme:Dmel_CG5072					0.925	1639347_s_at
GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel_CG4422					0.899	1641129_at
Acylophosphatase 2	<i>Acp2</i>	dme:Dmel_CG18505					0.85	1629363_at
Rab escort protein	<i>Rep</i>	dme:Dmel_CG8432					0.847	1631388_a_at
tafazzin	<i>tafazzin</i>	dme:Dmel_CG8766					0.812	1626481_a_at
rnsip	<i>rnsip</i>	dme:Dmel_CG11495					0.81	1630808_a_at
Energy Metabolism	Carbon fixation	dme00710					9	fructose-1,6-bisphosphatase
			Aldolase	<i>Ald</i>	dme:Dmel_CG6058	0.994		1633473_s_at
			Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957		1629055_a_at
			Phosphoglycerate kinase	<i>Pgk</i>	dme:Dmel_CG3127	0.926		1639766_at
			Pyruvate kinase	<i>Pyk</i>	dme:Dmel_CG7070	0.921		1628027_a_at
			Malic enzyme	<i>Men</i>	dme:Dmel_CG10120	0.903		1629095_a_at
			Triose phosphate isomerase	<i>Tpi</i>	dme:Dmel_CG2171	0.863		1637816_s_at
			Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861		1631817_a_at
			Aldolase	<i>Ald</i>	dme:Dmel_CG6058	0.851		1631993_s_at
			abstrakt	<i>abstrakt</i>	dme:Dmel_CG14637	0.982		1623353_at
			Metabolism of Cofactors and Vitamins	Folate biosynthesis	dme00790	9		purple
Es2	<i>Es2</i>	dme:Dmel_CG1474					0.901	1632816_at
Dihydrofolate reductase	<i>Dhfr</i>	dme:Dmel_CG14887					0.887	1639972_at
reptin	<i>rept</i>	dme:Dmel_CG9750					0.858	1630792_at
pitchoune	<i>pit</i>	dme:Dmel_CG6375					0.843	1625758_s_at
prune	<i>prn</i>	dme:Dmel_CG3461					0.796	1637479_at
Sepiapterin reductase	<i>Sptr</i>	dme:Dmel_CG12117					0.788	1632179_at
Dihydropteridine reductase	<i>Dhpr</i>	dme:Dmel_CG4665					0.749	1641451_at
Mgat2	<i>Mgat2</i>	dme:Dmel_CG7921					1.028	1633061_at
Alpha 3 glucosyltransferase	<i>Alg10</i>	dme:Dmel_CG32076					0.996	1636806_at
Glycan Biosynthesis and Metabolism	N-Glycan biosynthesis	dme00510					9	UDP-GlcNAc:alpha-3-D-mannoside-beta-1,2-N-acetylglucosaminyltransferase I
			Oligosaccharyltransferase 48kD subunit	<i>Ost48</i>	dme:Dmel_CG9022	0.902		1625055_at
			Cog7	<i>Cog7</i>	dme:Dmel_CG31040	0.879		1631831_at
			alpha Mannosidase II	<i>alpha-Man-II</i>	dme:Dmel_CG18802	0.864		1626112_at
			beta subunit of type II geranylgeranyl transferase	<i>betaggt-II</i>	dme:Dmel_CG18627	0.864		1629084_at
			alpha Mannosidase I	<i>alpha-Man-I</i>	dme:Dmel_CG32684	0.854		1629744_a_at
			lethal (2) neighbor of tid	<i>l(2)not</i>	dme:Dmel_CG4084	0.816		1641244_at
			fructose-1,6-bisphosphatase	<i>fbp</i>	dme:Dmel_CG31692	1.039		1641066_s_at
			Aldolase	<i>Ald</i>	dme:Dmel_CG6058	0.994		1633473_s_at
			Phosphogluconate dehydrogenase	<i>Pgd</i>	dme:Dmel_CG3724	0.908		1631588_at
			Carbohydrate Metabolism	Pentose phosphate pathway	dme00030	9		Aldolase
Phosphogluconate dehydrogenase	<i>Pgd</i>	dme:Dmel_CG3724					0.908	1631588_at
Aldolase	<i>Ald</i>	dme:Dmel_CG6058					0.851	1631993_s_at
Phosphoglucose isomerase	<i>Pgi</i>	dme:Dmel_CG8251					0.823	1638550_s_at
Tal	<i>Tal</i>	dme:Dmel_CG2827					0.806	1640549_at
Phosphofruktokinase	<i>Pfk</i>	dme:Dmel_CG4001					0.797	1634739_a_at
Zwischenferment	<i>Zw</i>	dme:Dmel_CG12529					0.785	1625995_a_at
Phosphogluconate mutase	<i>Pgm</i>	dme:Dmel_CG5165					0.769	1633803_at
Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752					0.995	1634096_at
Acetyl Coenzyme A synthase	<i>AcCoAS</i>	dme:Dmel_CG9390					0.981	1641148_a_at
Folding, Sorting and Degradation	Regulation of autophagy	dme04140					9	lethal (2) 44DEa
			Pyruvate kinase	<i>Pyk</i>	dme:Dmel_CG7070	0.921		1628027_a_at
			Malic enzyme	<i>Men</i>	dme:Dmel_CG10120	0.903		1629095_a_at
			Acylophosphatase 2	<i>Acp2</i>	dme:Dmel_CG18505	0.85		1629363_at
			lethal (1) G0334	<i>l(1)G0334</i>	dme:Dmel_CG7010	0.829		1632553_a_at
			Phosphoenolpyruvate carboxykinase	<i>Pepck</i>	dme:Dmel_CG17725	0.675		1633599_a_at
			Eedysone-inducible gene L3	<i>ImpL3</i>	dme:Dmel_CG10160	0.235		1635227_at
			Phosphatidylinositol 3 kinase 59F	<i>Pi3K59F</i>	dme:Dmel_CG5373	1.166		1625678_at
			Autophagy-specific gene 8a	<i>Atg8a</i>	dme:Dmel_CG32672	1.003		1639467_at
			Autophagy-specific gene 7	<i>Atg7</i>	dme:Dmel_CG5489	0.976		1637240_a_at
			SNF1A/AMP-activated protein kinase	<i>SNF1A</i>	dme:Dmel_CG3051	0.957		1629357_s_at
Replication and Repair	DNA polymerase	dme03030	8	Autophagy-specific gene 6	<i>Atg6</i>	dme:Dmel_CG5429	0.94	1636499_at
				Autophagy-specific gene 5	<i>Atg5</i>	dme:Dmel_CG1643	0.889	1641621_at
				Autophagy-specific gene 1	<i>Atg1</i>	dme:Dmel_CG10967	0.849	1627886_at
				Neurexin IV	<i>Nrx-IV</i>	dme:Dmel_CG6827	0.771	1639459_a_at
				Autophagy-specific gene 12	<i>Atg12</i>	dme:Dmel_CG10861	0.729	1633856_at
				DNA polymerase alpha 50kD	<i>DNApol-alpha50</i>	dme:Dmel_CG7108	1.061	1633854_at
				DNA polymerase epsilon	<i>DNApol-epsilon</i>	dme:Dmel_CG6768	1.03	1626355_at
				mutagen-sensitive 308	<i>mus308</i>	dme:Dmel_CG6019	0.979	1635214_at
				DNA polymerase alpha 180kD	<i>DNApol-alpha180</i>	dme:Dmel_CG6349	0.975	1633249_at
				mutagen-sensitive 205	<i>mus205</i>	dme:Dmel_CG1925	0.948	1631822_at
				DNA polymerase alpha 73kD	<i>DNApol-alpha73</i>	dme:Dmel_CG5923	0.924	1628372_a_at

				DNA-polymerase-delta	<i>DNApol-delta</i>	dme:Dmel_CG5949	0.872	1641438_at
				tamas	<i>tam</i>	dme:Dmel_CG8987	0.863	1637860_at
				Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel_CG3425	1.19	1628907_at
				Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel_CG6598	0.996	1636740_at
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at
				bubblegum	<i>bgm</i>	dme:Dmel_CG4501	0.975	1634048_a_at
				scully	<i>scu</i>	dme:Dmel_CG7113	0.949	1634433_at
				mitochondrial carnitine palmitoyltransferase 1	<i>CPT1</i>	dme:Dmel_CG12891	0.862	1626147_s_at
				Yippee interacting protein 2	<i>yip2</i>	dme:Dmel_CG4600	0.84	1636180_at
				acyl-Coenzyme A oxidase at 57D proximal	<i>Acox57D-p</i>	dme:Dmel_CG9707	0.794	1639943_at
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at
				Neural conserved at 73EF	<i>Ne73EF</i>	dme:Dmel_CG11661	0.974	1632526_s_at
				scully	<i>scu</i>	dme:Dmel_CG7113	0.949	1634433_at
				Spase 25-subunit	<i>Spase25</i>	dme:Dmel_CG11500	0.94	1637839_at
				Spase 12-subunit	<i>Spase12</i>	dme:Dmel_CG11500	0.926	1632479_at
				grappa	<i>gpp</i>	dme:Dmel_CG10272	0.813	1627796_s_at
				grappa	<i>gpp</i>	dme:Dmel_CG10272	0.808	1638708_s_at
				Spase 22/23-subunit	<i>Spase22-23</i>	dme:Dmel_CG6877	0.723	1641646_at
				Catalase	<i>Cat</i>	dme:Dmel_CG6871	1.099	1639480_at
				Peroxidase	<i>Pxn</i>	dme:Dmel_CG12002	1.061	1640097_at
				Immune-regulated catalase	<i>Irc</i>	dme:Dmel_CG8913	1.003	1633391_at
				Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel_CG6598	0.996	1636740_at
				Peroxisome protein 6005	<i>Prc6005</i>	dme:Dmel_CG3083	0.957	1634107_at
				dispatched	<i>dlsp</i>	dme:Dmel_CG2019	0.883	1635021_at
				thioredoxin peroxidase 2	<i>Jafpac2</i>	dme:Dmel_CG1274	0.858	1637814_s_at
				Peroxisome protein 2540	<i>Prc2540-2</i>	dme:Dmel_CG11765	0.597	1633471_at
				UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel_CG6644	1.025	1627662_at
				sugarless	<i>sgl</i>	dme:Dmel_CG10072	0.989	1629352_at
				beta4GalNAcTA	<i>beta4GalNAcTA</i>	dme:Dmel_CG8536	0.866	1638113_at
				GleAT-P	<i>GleAT-P</i>	dme:Dmel_CG6207	0.834	1624164_s_at
				Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel_CG4144	0.824	1632070_at
				GleAT-S	<i>GleAT-S</i>	dme:Dmel_CG3881	0.797	1628402_a_at
				UGP	<i>UGP</i>	dme:Dmel_CG4347	0.721	1633218_a_at
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at
				Acetyl Coenzyme A synthase	<i>AcCoAS</i>	dme:Dmel_CG9390	0.981	1641148_a_at
				Succinyl coenzyme A synthase alpha subunit	<i>Scsalpha</i>	dme:Dmel_CG1065	0.927	1638529_at
				lethal (2) 44DEa	<i>l(2)44DEa</i>	dme:Dmel_CG8732	0.925	1629961_s_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.902	1639215_a_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.745	1626745_at
				Subc	<i>Subc</i>	dme:Dmel_CG10622	0.593	1635682_at
				Ecdysone-inducible gene L3	<i>ImpL3</i>	dme:Dmel_CG10160	0.255	1635227_at
				outlet	<i>outlet</i>	dme:Dmel_CG33122	0.961	1627253_at
				RfC3	<i>RfC3</i>	dme:Dmel_CG5313	0.941	1637166_at
				Origin recognition complex subunit 5	<i>Orc5</i>	dme:Dmel_CG7833	0.938	1633660_at
				Germ line transcription factor 1	<i>Gnfl</i>	dme:Dmel_CG1119	0.886	1623086_at
				c12.2	<i>c12.2</i>	dme:Dmel_CG12149	0.876	1639233_at
				belphégor	<i>bor</i>	dme:Dmel_CG6815	0.837	1628099_at
				NEM-sensitive fusion protein 2	<i>Nsf2</i>	dme:Dmel_CG33101	0.8	1639023_at
				NTPase	<i>NTPase</i>	dme:Dmel_CG3059	0.798	1630857_s_at
				Hemoleitin	<i>Hml</i>	dme:Dmel_CG7002	1.225	1628018_at
				Actin 3C	<i>Act3C</i>	dme:Dmel_CG4027	1.158	1626163_s_at
				Collagen type IV	<i>Cg25C</i>	dme:Dmel_CG4145	1.093	1630150_s_at
				Lamin C	<i>LamC</i>	dme:Dmel_CG10119	1.084	1629981_at
				Actin 42A	<i>Act42A</i>	dme:Dmel_CG12051	1.05	1624471_s_at
				Laminin B2	<i>LamB2</i>	dme:Dmel_CG3322	1.034	1632666_at
				Lamin	<i>Lam</i>	dme:Dmel_CG6944	0.939	1636809_at
				vri	<i>vri</i>	dme:Dmel_CG14029	1.143	1639273_s_at
				discs overgrown	<i>dco</i>	dme:Dmel_CG2048	0.959	1624447_s_at
				shaggy	<i>sgg</i>	dme:Dmel_CG2621	0.94	1630774_s_at
				gilgamesh	<i>gish</i>	dme:Dmel_CG6963	0.846	1628055_s_at
				cycle	<i>cyc</i>	dme:Dmel_CG8727	0.772	1640765_at
				Casein kinase alpha	<i>Ck1alpha</i>	dme:Dmel_CG2028	0.745	1623403_s_at
				PAR-domain protein 1	<i>Pdp1</i>	dme:Dmel_CG17888	0.682	1627436_s_at
				Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel_CG10246	1.326	1628345_at
				Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel_CG10248	1.221	1640755_at
				Acid phosphatase 1	<i>Acp1</i>	dme:Dmel_CG7899	1.143	1640265_a_at
				Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel_CG3616	1.032	1641428_at
				Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel_CG2060	0.918	1627844_at
				Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel_CG3972	0.79	1641552_at
				Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel_CG3466	0.782	1636793_at
				Minute (2) 21AB	<i>M(2)21AB</i>	dme:Dmel_CG2674	0.921	1624083_s_at
				S-adenosylmethionine decarboxylase	<i>SamDC</i>	dme:Dmel_CG5029	0.92	1633958_at
				Adenosylhomocysteine at 13	<i>Ahcy13</i>	dme:Dmel_CG11654	0.885	1629222_at
				S-adenosylmethionine decarboxylase	<i>SamDC</i>	dme:Dmel_CG5029	0.86	1635130_a_at
				DNA methyltransferase 2	<i>Dnmt2</i>	dme:Dmel_CG10692	0.826	1636427_a_at
				Methionyl-tRNA synthetase	<i>MetS</i>	dme:Dmel_CG31322	0.795	1632235_at
				Spermidine Synthase	<i>SpdS</i>	dme:Dmel_CG8327	0.72	1630830_a_at
				Hdac3	<i>Hdac3</i>	dme:Dmel_CG2128	0.993	1637369_at
				immune response deficient 5	<i>ird5</i>	dme:Dmel_CG4201	0.957	1625974_at
				lok	<i>lok</i>	dme:Dmel_CG10895	0.946	1625038_s_at
				Cyclin-dependent kinase 4	<i>Cdk4</i>	dme:Dmel_CG5072	0.925	1639347_s_at
				Sir2	<i>Sir2</i>	dme:Dmel_CG5216	0.906	1628368_at
				HDAC4	<i>HDAC4</i>	dme:Dmel_CG1770	0.792	1635284_a_at
				HDAC6	<i>HDAC6</i>	dme:Dmel_CG6170	0.757	1632277_a_at
				Cytochrome P450-6a9	<i>Cyp6a9</i>	dme:Dmel_CG10246	1.326	1628345_at
				Cytochrome P450-6a8	<i>Cyp6a8</i>	dme:Dmel_CG10248	1.221	1640755_at
				Cytochrome P450-9c1	<i>Cyp9c1</i>	dme:Dmel_CG3616	1.032	1641428_at
				Cytochrome P450-4e2	<i>Cyp4e2</i>	dme:Dmel_CG2060	0.918	1627844_at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel_CG6554	0.895	1632383_at
				Cytochrome P450-4g1	<i>Cyp4g1</i>	dme:Dmel_CG3972	0.79	1641552_at
				Cytochrome P450-4d2	<i>Cyp4d2</i>	dme:Dmel_CG3466	0.782	1636793_at
				Acetyl Coenzyme A synthase	<i>AcCoAS</i>	dme:Dmel_CG9390	0.981	1641148_a_at
				Isocitrate dehydrogenase	<i>Ish</i>	dme:Dmel_CG7176	0.934	1634314_s_at
				lethal (2) 44DEa	<i>l(2)44DEa</i>	dme:Dmel_CG8752	0.925	1629961_s_at
				Aconitase	<i>Acon</i>	dme:Dmel_CG9244	0.866	1634989_at
				Iron regulatory protein 1A	<i>Irp-1A</i>	dme:Dmel_CG4900	0.864	1627562_at
				lethal (1) G0255	<i>l(1)G0255</i>	dme:Dmel_CG4094	0.86	1635025_a_at
				Iron regulatory protein 1B	<i>Irp-1B</i>	dme:Dmel_CG6342	0.806	1640650_at
				PAPS synthetase	<i>Paps</i>	dme:Dmel_CG8363	1.18	1634522_s_at
				selenide water dikinase	<i>SeID</i>	dme:Dmel_CG8553	0.973	1628834_a_at
				Minute (2) 21AB	<i>M(2)21AB</i>	dme:Dmel_CG2674	0.921	1624083_s_at
				Selenophosphate synthetase 2	<i>SpS2</i>	dme:Dmel_CG5025	0.914	1630013_s_at

				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel	CG6554	0.895	1632383	at
				Adenosylhomocysteinase at 13	<i>Ahcy13</i>	dme:Dmel	CG11654	0.885	1629222	at
				Methionyl-RNA synthetase	<i>Ats-met</i>	dme:Dmel	CG1322	0.795	1632335	at
Xenobiotics Biodegradation and Metabolism	1- and 2-Methylnaphthalene degradation	dme00624	6	Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel	CG3425	1.19	1628907	at
				Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel	CG6598	0.996	1636740	at
				GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel	CG4422	0.899	1641129	at
				Rab escort protein	<i>Rep</i>	dme:Dmel	CG8432	0.847	1631388	at
				tafazzin	<i>tafazzin</i>	dme:Dmel	CG8766	0.812	1626481	a_at
				rasp	<i>rasp</i>	dme:Dmel	CG11495	0.81	1630808	at
Lipid Metabolism	Androgen and estrogen metabolism	dme00150	6	UDP-glycosyltransferase 35a	<i>Ugt35a</i>	dme:Dmel	CG6644	1.025	1627662	at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel	CG6554	0.895	1632383	at
				GlcAT-P	<i>GlcAT-P</i>	dme:Dmel	CG6207	0.834	1624164	s_at
				Ugt58Fa	<i>Ugt58Fa</i>	dme:Dmel	CG4414	0.824	1632070	at
				GlcAT-S	<i>GlcAT-S</i>	dme:Dmel	CG3881	0.797	1628402	a_at
				Ugt86Di	<i>Ugt86Di</i>	dme:Dmel	CG6658	0.642	1641242	at
Metabolism of Other Amino Acids	beta-Alanine metabolism	dme00410	6	Aldehyde dehydrogenase	<i>Alkh</i>	dme:Dmel	CG3752	0.995	1634096	at
				<i>pyd3</i>	<i>pyd3</i>	dme:Dmel	CG3027	0.945	1630038	at
				Rhythmically expressed gene 3	<i>Reg-3</i>	dme:Dmel	CG2194	0.937	1625686	s_at
				Collapsin Response Mediator Protein	<i>CRMP</i>	dme:Dmel	CG1411	0.737	1639109	a_at
				Spermidine Synthase	<i>SpdS</i>	dme:Dmel	CG8327	0.72	1630830	a_at
				Collapsin Response Mediator Protein	<i>CRMP</i>	dme:Dmel	CG1411	0.67	1635381	a_at
Carbohydrate Metabolism	Butanoate metabolism	dme00650	6	Aldehyde dehydrogenase	<i>Alkh</i>	dme:Dmel	CG3752	0.995	1634096	at
				Peroxisome oxidase 6005	<i>Pxo6005</i>	dme:Dmel	CG3083	0.957	1634107	at
				<i>scully</i>	<i>scully</i>	dme:Dmel	CG7113	0.949	1634433	at
				lethal (1) G0334	<i>l(1)G0334</i>	dme:Dmel	CG7010	0.829	1635253	s_at
				HMG Coenzyme A synthase	<i>Hmgs</i>	dme:Dmel	CG4311	0.829	1634072	a_at
				alpha-Esterase-8	<i>alpha-Est8</i>	dme:Dmel	CG1121	0.82	1635893	at
Metabolism of Cofactors and Vitamins	Pantothenate and CoA biosynthesis	dme00770	6	ebony activating protein	<i>eap</i>	dme:Dmel	CG32099	0.992	1633677	at
				<i>pyd3</i>	<i>pyd3</i>	dme:Dmel	CG3027	0.945	1630038	at
				Rhythmically expressed gene 3	<i>Reg-3</i>	dme:Dmel	CG2194	0.937	1625686	s_at
				fumble	<i>fbf</i>	dme:Dmel	CG5725	0.898	1637990	s_at
				Collapsin Response Mediator Protein	<i>CRMP</i>	dme:Dmel	CG1411	0.737	1639109	a_at
				Collapsin Response Mediator Protein	<i>CRMP</i>	dme:Dmel	CG1411	0.67	1635381	a_at
Transcription	RNA polymerase	dme03020	6	RNA polymerase III 128kD subunit	<i>Rpl1128</i>	dme:Dmel	CG8344	1.035	1628131	at
				RNA polymerase II 215kD subunit	<i>Rpl1215</i>	dme:Dmel	CG1554	1.006	1640764	at
				RNA polymerase II 140kD subunit	<i>Rpl1140</i>	dme:Dmel	CG3180	0.953	1625962	at
				RNA polymerase II 18kD subunit	<i>Rpl118</i>	dme:Dmel	CG1163	0.891	1636644	at
				RNA polymerase I 135kD subunit	<i>Rpl135</i>	dme:Dmel	CG4033	0.891	1627924	at
				RNA polymerase I subunit	<i>Rpl1</i>	dme:Dmel	CG10122	0.887	1629356	at
Amino Acid Metabolism	Urea cycle and metabolism of amino groups	dme00220	6	Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel	CG14704	1.185	1630741	s_at
				Aldehyde dehydrogenase	<i>Alkh</i>	dme:Dmel	CG3752	0.995	1634096	at
				S-adenosylmethionine decarboxylase	<i>SamDC</i>	dme:Dmel	CG5029	0.92	1633958	at
				S-adenosylmethionine decarboxylase	<i>SamDC</i>	dme:Dmel	CG5029	0.86	1635130	a_at
				arginase	<i>arg</i>	dme:Dmel	CG18104	0.778	1637548	at
				Spermidine Synthase	<i>SpdS</i>	dme:Dmel	CG8327	0.72	1630830	a_at
Lipid Metabolism	Bile acid biosynthesis	dme00120	5	Type III alcohol dehydrogenase	<i>T3dh</i>	dme:Dmel	CG3425	1.19	1628907	at
				Formaldehyde dehydrogenase	<i>Fdh</i>	dme:Dmel	CG6598	0.996	1636740	at
				Aldehyde dehydrogenase	<i>Alkh</i>	dme:Dmel	CG3752	0.995	1634096	at
				<i>midway</i>	<i>midway</i>	dme:Dmel	CG31991	0.943	1636579	s_at
				vippee interacting protein 2	<i>vip2</i>	dme:Dmel	CG4600	0.84	1636180	at
				<i>Hdac3</i>	<i>Hdac3</i>	dme:Dmel	CG2128	0.993	1637369	at
Xenobiotics Biodegradation and Metabolism	Caprolactam degradation	dme00930	5	<i>scully</i>	<i>scully</i>	dme:Dmel	CG7113	0.949	1634433	at
				<i>Sir2</i>	<i>Sir2</i>	dme:Dmel	CG5216	0.906	1628368	at
				HDAC4	<i>HDAC4</i>	dme:Dmel	CG1770	0.792	1635284	a_at
				HDAC6	<i>HDAC6</i>	dme:Dmel	CG6170	0.757	1632277	a_at
				Hexokinase A	<i>Hex-A</i>	dme:Dmel	CG3001	0.935	1625638	a_at
				<i>Ect3</i>	<i>Ect3</i>	dme:Dmel	CG3132	0.909	1624517	at
Carbohydrate Metabolism	Galactose metabolism	dme00052	5	Phosphofruktokinase	<i>Pfk</i>	dme:Dmel	CG4001	0.797	1634759	a_at
				Phosphogluconate mutase	<i>Pgm</i>	dme:Dmel	CG5165	0.769	1633803	at
				UGP	<i>UGP</i>	dme:Dmel	CG4347	0.721	1633218	a_at
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	1.132	1640957	at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.932	1637510	s_at
				<i>Ect3</i>	<i>Ect3</i>	dme:Dmel	CG3132	0.909	1624517	at
Glycan Biosynthesis and Metabolism	Ganglioside biosynthesis	dme00604	5	<i>folded lobes</i>	<i>fold</i>	dme:Dmel	CG8824	0.905	1635714	s_at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.85	1632188	at
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	1.132	1640957	at
	Glycan structures - degradation	dme01032	5	Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.932	1637510	s_at
				<i>Ect3</i>	<i>Ect3</i>	dme:Dmel	CG3132	-0.909	1624517	at
				<i>folded lobes</i>	<i>fold</i>	dme:Dmel	CG8824	0.905	1635714	s_at
Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.85	1632188	at				
Amino Acid Metabolism	Glycine, serine and threonine metabolism	dme00260	5	mitochondrial ribosomal protein L39	<i>mRpl39</i>	dme:Dmel	CG17166	0.976	1625665	at
				Seryl-RNA synthetase	<i>Ats-ser</i>	dme:Dmel	CG4938	0.934	1636797	at
				Threonyl-RNA synthetase	<i>Ats-thr</i>	dme:Dmel	CG5353	0.889	1640984	s_at
				Glycyl-RNA synthetase	<i>Ats-gly</i>	dme:Dmel	CG6778	0.857	1636948	a_at
				<i>astray</i>	<i>astray</i>	dme:Dmel	CG3705	0.755	1633488	at
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	1.132	1640957	at
Glycan Biosynthesis and Metabolism	Glycosaminoglycan degradation	dme00531	5	Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.932	1637510	s_at
				<i>Ect3</i>	<i>Ect3</i>	dme:Dmel	CG3132	0.909	1624517	at
				<i>folded lobes</i>	<i>fold</i>	dme:Dmel	CG8824	0.905	1635714	s_at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.85	1632188	at
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	1.132	1640957	at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.932	1637510	s_at
Carbohydrate Metabolism	Glyoxylate and dicarboxylate metabolism	dme00630	5	<i>lethal (1) G03030</i>	<i>l(1)G03030</i>	dme:Dmel	CG3861	0.91	1623252	a_at
				Aconitase	<i>Acon</i>	dme:Dmel	CG9244	0.866	1634989	at
				Iron regulatory protein 1A	<i>Irp-1A</i>	dme:Dmel	CG4900	0.864	1627562	at
				Iron regulatory protein 1B	<i>Irp-1B</i>	dme:Dmel	CG6342	0.806	1640650	at
				Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel	CG1787	1.132	1640957	at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.932	1637510	s_at
Glycan Biosynthesis and Metabolism	N-Glycan degradation	dme00511	5	<i>Ect3</i>	<i>Ect3</i>	dme:Dmel	CG3132	0.909	1624517	at
				<i>folded lobes</i>	<i>fold</i>	dme:Dmel	CG8824	0.905	1635714	s_at
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel	CG1318	0.85	1632188	at
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel	CG4233	0.957	1629055	a_at
				Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel	CG8430	0.861	1631817	a_at
				Diphenol oxidase A3	<i>Dox-A3</i>	dme:Dmel	CG2952	0.836	1628298	at
Biosynthesis of Secondary Metabolites	Alkaloid biosynthesis I	dme00950	4	Tyrosine decarboxylase 1	<i>Tdc1</i>	dme:Dmel	CG30445	0.804	1635665	at
				CTP:phosphocholine cytidylyltransferase 1	<i>Cct1</i>	dme:Dmel	CG1049	1.026	1629930	s_at
				Phosphoethanolamine cytidylyltransferase	<i>Pect</i>	dme:Dmel	CG5547	0.979	1641183	a_at
				CTP:phosphocholine cytidylyltransferase 2	<i>Cct2</i>	dme:Dmel	CG18330	0.958	1625859	at
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel	CG6554	0.895	1632383	at
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel	CG4233	0.957	1629055	a_at
Metabolism of Other Amino Acids	Aminophosphonate metabolism	dme00440	4	Cysteine-RNA synthetase	<i>Ats-cys</i>	dme:Dmel	CG8431	0.939	1625878	at
				Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel	CG8430	0.861	1631817	a_at
				Ecdysone-inducible gene L3	<i>ImpL3</i>	dme:Dmel	CG10160	0.235	1635227	at
				GDP dissociation inhibitor	<i>Gdi</i>	dme:Dmel	CG4422	0.899	1641129	at
				Rab escort protein	<i>Rep</i>	dme:Dmel	CG8432	0.847	1631388	at
				tafazzin	<i>tafazzin</i>	dme:Dmel	CG8766	0.812	1626481	a_at
Xenobiotics Biodegradation and Metabolism	Ethylbenzene degradation	dme00642	4	<i>rasp</i>	<i>rasp</i>	dme:Dmel	CG11495	0.81	1630808	at

Glycan Biosynthesis and Metabolism	Globoside metabolism	dme00603	4	Hexosaminidase 2	<i>Hexo2</i>	dme:Dmel_CG1787	1.132	1640957_at	
				Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.932	1637510_s_at	
				fused lobes	<i>flf</i>	dme:Dmel_CG8824	0.905	1635714_s_at	
Amino Acid Metabolism	Histidine metabolism	dme00340	4	Hexosaminidase 1	<i>Hexo1</i>	dme:Dmel_CG1318	0.85	1632188_at	
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at	
				Arginine methyltransferase 1	<i>Art1</i>	dme:Dmel_CG6554	0.895	1632383_at	
	Phenylalanine, tyrosine and tryptophan biosynthesis	dme00400	4	Histidyl-tRNA synthetase	<i>Ats-his</i>	dme:Dmel_CG6335	0.815	1631877_a_at	
				Aldehyde dehydrogenase type III	<i>Aldh-III</i>	dme:Dmel_CG11140	0.756	1627861_s_at	
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957	1629055_a_at	
	Valine, leucine and isoleucine biosynthesis	dme00290	4	Tyrosyl-tRNA synthetase	<i>Ats-tyr</i>	dme:Dmel_CG4561	0.956	1632234_at	
				Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817_a_at	
				Phenylalanyl-tRNA synthetase	<i>Ats-phe</i>	dme:Dmel_CG13348	0.843	1636872_at	
	Valine, leucine and isoleucine degradation	dme00280	4	Leucyl-tRNA synthetase	<i>Ats-leu</i>	dme:Dmel_CG7479	1.01	1623460_at	
				Isoleucyl-tRNA synthetase	<i>Ats-ile</i>	dme:Dmel_CG11471	0.942	1631106_s_at	
				lethal (1) G0334	<i>l(1)G0334</i>	dme:Dmel_CG7010	0.829	1635253_a_at	
Lipid Metabolism	Biosynthesis of steroids	dme00100	3	Valyl-tRNA synthetase	<i>Ats-val</i>	dme:Dmel_CG4062	0.798	1638259_s_at	
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at	
				scully	<i>scu</i>	dme:Dmel_CG7113	0.949	1634433_at	
	Metabolism of Cofactors and Vitamins	Biotin metabolism	dme00780	3	yippee interacting protein 2	<i>yip2</i>	dme:Dmel_CG4600	0.84	1636180_at
					HMG Coenzyme A synthase	<i>Hmgs</i>	dme:Dmel_CG4311	0.829	1637072_s_at
					HMG Coenzyme A reductase	<i>Hmger</i>	dme:Dmel_CG10367	0.97	1628990_at
	Metabolism of Other Amino Acids	Cyanamino acid metabolism	dme00460	3	quema	<i>qm</i>	dme:Dmel_CG8593	0.823	1635967_at
					Farnesyl pyrophosphate synthase	<i>Fpps</i>	dme:Dmel_CG12389	0.741	1628428_at
					Spase 25-subunit	<i>Spase25</i>	dme:Dmel_CG1751	0.94	1637839_at
	Lipid Metabolism	Fatty acid elongation in mitochondria	dme00062	3	Spase 12-subunit	<i>Spase12</i>	dme:Dmel_CG11500	0.926	1632479_at
					Spase 22/23-subunit	<i>Spase22-23</i>	dme:Dmel_CG5677	0.723	1641646_at
					Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel_CG14704	1.185	1630741_s_at
Metabolism of Cofactors and Vitamins	One carbon pool by folate	dme00670	3	Nitrilase and fragile histidine triad fusion protein	<i>NitFhit</i>	dme:Dmel_CG7067	1.018	1626557_at	
				SP2637	<i>SP2637</i>	dme:Dmel_CG5473	0.75	1638485_s_at	
				scully	<i>scu</i>	dme:Dmel_CG7113	0.949	1634433_at	
Folding, Sorting and Degradation	Protein export	dme03060	3	yippee interacting protein 2	<i>yip2</i>	dme:Dmel_CG4600	0.84	1636180_at	
				Palmityl-protein thioesterase 1	<i>Ppt1</i>	dme:Dmel_CG12108	0.828	1637608_at	
				NAD-dependent methyltetrahydrofolate dehydrogenase	<i>Nmdmc</i>	dme:Dmel_CG18466	0.977	1640775_a_at	
Biosynthesis of Secondary Metabolites	Terpenoid biosynthesis	dme00900	3	Dihydrofolate reductase	<i>Dhfr</i>	dme:Dmel_CG14887	0.887	1639972_at	
				adenosine 3	<i>ade3</i>	dme:Dmel_CG31628	0.816	1637037_at	
				Signal recognition particle protein 54k	<i>Srp54k</i>	dme:Dmel_CG4659	0.975	1633320_at	
Lipid Metabolism	Arachidonic acid metabolism	dme00590	2	GTP-binding protein	<i>Gtp-bp</i>	dme:Dmel_CG2522	0.934	1639135_at	
				Signal recognition particle protein 19	<i>Srp19</i>	dme:Dmel_CG4457	0.849	1638272_at	
				Hemomucin	<i>Hmu</i>	dme:Dmel_CG3373	0.985	1635740_at	
Carbohydrate Metabolism	Ascorbate and aldarate metabolism	dme00053	2	quema	<i>qm</i>	dme:Dmel_CG8593	0.823	1635967_at	
				Farnesyl pyrophosphate synthase	<i>Fpps</i>	dme:Dmel_CG12389	0.741	1628428_at	
				GXIVsPLA2	<i>GXIVsPLA2</i>	dme:Dmel_CG17035	0.917	1625027_a_at	
Glycan Biosynthesis and Metabolism	Chondroitin sulfate biosynthesis	dme00532	2	sniffer	<i>sni</i>	dme:Dmel_CG10964	0.826	1627015_at	
				Aldehyde dehydrogenase	<i>Aldh</i>	dme:Dmel_CG3752	0.995	1634096_at	
				sugarless	<i>sgl</i>	dme:Dmel_CG10072	0.989	1629352_at	
Metabolism of Other Amino Acids	D-Glutamine and D-glutamate metabolism	dme00471	2	peptide O-sylosyltransferase	<i>ovt</i>	dme:Dmel_CG32300	0.986	1637482_at	
				beta-4-galactosyltransferase 7	<i>beta4GalT7</i>	dme:Dmel_CG11780	0.799	1632917_at	
				Glutamate dehydrogenase	<i>Gdh</i>	dme:Dmel_CG5320	0.883	1640835_a_at	
Glycan Biosynthesis and Metabolism	Glycan structures - biosynthesis 2	dme01031	2	no extended memory	<i>nemy</i>	dme:Dmel_CG8772	0.705	1634658_a_at	
				UDP-glucose-glycoprotein glucosyltransferase	<i>Ugt</i>	dme:Dmel_CG6850	0.887	1624465_at	
				vegetable	<i>veg</i>	dme:Dmel_CG6657	0.783	1628922_s_at	
Biosynthesis of Secondary Metabolites	Heparan sulfate biosynthesis	dme00534	2	brother of tout-velu	<i>botv</i>	dme:Dmel_CG15110	0.863	1636990_at	
				tout-velu	<i>tv</i>	dme:Dmel_CG10117	0.819	1637442_at	
				Glutamate oxaloacetate transaminase 2	<i>Got2</i>	dme:Dmel_CG4233	0.957	1629055_a_at	
Carbohydrate Metabolism	Nucleotide sugars metabolism	dme00520	2	Glutamate oxaloacetate transaminase 1	<i>Got1</i>	dme:Dmel_CG8430	0.861	1631817_a_at	
				sugarless	<i>sgl</i>	dme:Dmel_CG10072	0.989	1629352_at	
				UGP	<i>UGP</i>	dme:Dmel_CG4347	0.721	1633218_a_at	
Biosynthesis of Secondary Metabolites	Streptomycin biosynthesis	dme00521	2	Acid phosphatase 1	<i>Acp1</i>	dme:Dmel_CG7899	1.143	1640265_a_at	
				Diphenol oxidase A3	<i>Dox-A3</i>	dme:Dmel_CG2952	0.836	1628298_at	
				Hexokinase A	<i>Hex-A</i>	dme:Dmel_CG3001	0.935	1625638_a_at	
Xenobiotics Biodegradation and Metabolism	Benzate degradation via hydroxylation	dme00362	1	Phosphogluconate mutase	<i>Pgm</i>	dme:Dmel_CG5165	0.769	1633803_at	
				Lipoic acid synthase	<i>Las</i>	dme:Dmel_CG5231	0.947	1632225_a_at	
				Lipoic acid synthase	<i>Las</i>	dme:Dmel_CG5231	0.908	1623470_at	
Glycan Biosynthesis and Metabolism	Glycosyl - phosphatidylinositol(GPI) -anchor biosynthesis	dme00563	1	yippee interacting protein 2	<i>yip2</i>	dme:Dmel_CG4600	0.84	1636180_at	
				vegetable	<i>veg</i>	dme:Dmel_CG6657	0.783	1628922_s_at	
				Indole and ipecac alkaloid biosynthesis	<i>Hmu</i>	dme:Dmel_CG3373	0.985	1635740_at	
Lipid Metabolism	Linoleic acid metabolism	dme00591	1	Triose phosphate isomerase	<i>Tpi</i>	dme:Dmel_CG2171	0.863	1637816_s_at	
				Hexokinase A	<i>Hex-A</i>	dme:Dmel_CG3001	0.935	1625638_a_at	
				GXIVsPLA2	<i>GXIVsPLA2</i>	dme:Dmel_CG17035	0.917	1625027_a_at	
Energy Metabolism	Sulfur metabolism	dme00920	1	Peptidoglycan recognition protein LB	<i>PGRP-LB</i>	dme:Dmel_CG14704	1.185	1630741_s_at	
				PAPS synthetase	<i>Paps</i>	dme:Dmel_CG8363	1.18	1634522_s_at	
				HMG Coenzyme A synthase	<i>Hmgs</i>	dme:Dmel_CG4311	0.829	1634072_s_at	