D. buzzatii DEGs table. Differentially expressed genes considering all pairwaise comparsons for D. buzzatii (q<0.01) and the respective D. mojavensis and D. melanogaster homologs

| D. buzzatii gene | D. mojavensis homolog Gene Symbol | Gene Symbol | D. melanogaster homolog Description |
|------------------|--------------------------------------|--------------------|--|
| evm.scaf1.34 | Dmoj\Gl24305 | Dmel\CG14259 | IP09473p |
| evm.scaf1.35 | Dmoj\Gl23277 | Dmel\Cpr97Eb | Cuticular protein 97Eb |
| evm.scaf1.147 | Dmoj\GI23350 | Dmel\Cyp304a1 | Probable cytochrome P450 304a1 |
| evm.scaf1.158 | Dmoj\Xdh | Dmel\ry | Xanthine dehydrogenase |
| evm.scaf1.178 | Dmoj\Gl24222 | Dmel\Uro | Uricase |
| evm.scaf1.183 | Dmoj\GI23376 | Dmel\CG1983 | Pyridoxal phosphate homeostasis protein |
| evm.scaf1.233 | Dmoj\GI24450 | Dmel\awd | Nucleoside diphosphate kinase |
| evm.scaf1.256 | Dmoj\Gl23147 | Dmel\cher | Filamin-A |
| evm.scaf1.285 | Dmoj\Gl23166 | Dmel\CG9297 | RE20510p |
| evm.scaf1.292 | Dmoj\Gl24412 | Dmel\CG10298 | GH28351p |
| evm.scaf1.294 | Dmoj\GI24409 | Dmel\Osi19 | Osiris 19, isoform A |
| evm.scaf1.337 | Dmoj\GI23192 | Dmel\Pglym78 | Phosphoglycerate mutase |
| evm.scaf1.363 | Dmoj\GI10411 | Dmel\RpS8 | 40S ribosomal protein S8 |
| evm.scaf1.370 | Dmoj\Obp99b | Dmel\Obp99b | General odorant-binding protein 99b |
| evm.scaf1.393 | Dmoj\GI10432 | Dmel\ATPsynC | ATP synthase, subunit C, isoform A |
| evm.scaf1.464 | Dmoj\GI22283 | Dmel\CG5391 | LP04851p |
| evm.scaf1.488 | Dmoj\GI22270 | Dmel\ppk31 | Pickpocket 31 |
| evm.scaf1.493 | Dmoj\GI10501 | Dmel\Gnmt | Glycine N-methyltransferase |
| evm.scaf1.685 | Dmoj\GI10632 | Dmel\Npc2g | Niemann-Pick type C-2g, isoform A |
| evm.scaf1.721 | Dmoj\GI10660 | Dmel\CG15369 | GEO12084p1 |
| evm.scaf1.722 | Dmoj\GI10660 | Dmel\CG15369 | GEO12084p1 |
| evm.scaf1.728 | Dmoj\Gl22099 | NA | NA |
| evm.scaf1.729 | Dmoj\Gl22099 | NA | NA |
| evm.scaf1.804 | Dmoj\Gl24370 | Dmel\CG40160 | IP12536p |
| evm.scaf1.809 | Dmoj\Gl24373 | Dmel\Gfat1 | Glutamine:fructose-6-phosphate aminotransferase 1, isoform A |
| evm.scaf1.819 | Dmoj\GI10386 | Dmel\Scp2 | Calcium-binding protein |
| evm.scaf1.840 | Dmoj\GI17532 | Dmel\Gpdh | Glycerol-3-phosphate dehydrogenase |
| evm.scaf1.967 | Dmoj\Obp99c | Dmel\Obp99c | GEO07291p1 |
| evm.scaf1.1027 | Dmoj\Gl24624 | Dmel\CG14292 | Uncharacterized protein |
| evm.scaf1.1162 | Dmoj\Gl23074 | Dmel\Lsp1beta | Larval serum protein 1 beta chain |
| evm.scaf1.1251 | NA | NA | NA |
| evm.scaf1.1292 | Dmoj\Gl23558 | Dmel\CG14688 | Uncharacterized protein |
| evm.scaf1.1302 | • | Dmel\lrp-1B | • |
| evm.scaf1.1319 | Dmoj\GI10118 Dmoj\GI23575 | Dmel\CG3999 | Iron regulatory protein 1B Glycine cleavage system P protein |
| evm.scaf1.1370 | • | Dmel\CG11407 | GH20840p |
| | Dmoj\Gl22426 | | • |
| evm.scaf1.1422 | Dmoj\Gl22452 | Dmel\fabp Dmel\Ass | Fatty acid binding protein, isoform C |
| evm.scaf1.1469 | Dmoj\GI10264 | | Argininosuccinate synthase |
| evm.scaf10.122 | Dmoj\Gl24379 | Dmel\GstE4 | Glutathione S transferase E4 |
| evm.scaf10.123 | Dmoj\Gl24379 | Dmel\GstE6 | Glutathione S transferase E6 |
| evm.scaf10.125 | Dmoj\Gl24379 | Dmel\GstE9 | Glutathione S transferase E9 |
| evm.scaf100.9 | Dmoj\GI14045 | Dmel\ATPsynbeta | ATP synthase subunit beta, mitochondrial |
| evm.scaf100.12 | Dmoj\GI14098 | Dmel\apolpp | Apolipophorins |
| evm.scaf101.9 | Dmoj\GI14056 | Dmel\PMCA | Calcium-transporting ATPase |
| evm.scaf102.43 | Dmoj\GI11700 | Dmel\CG34244 | GEO11026p1 |
| evm.scaf11.11 | Dmoj\GI13295 | Dmel\Acbp2 | Acyl-CoA-binding protein homolog |
| evm.scaf111.20 | Dmoj\GI18700 | Dmel\Cyp6a14 | Probable cytochrome P450 6a14 |
| evm.scaf114.10 | Dmoj\Gl20899 | Dmel\Lcp1 | Larval cuticle protein 1 |
| evm.scaf114.12 | Dmoj\GI18694 | Dmel\Cyp4e2 | Cytochrome P450 4e2 |
| evm.scaf114.14 | Dmoj\Gl18693 | Dmel\Cyp4e1 | Probable cytochrome P450 4e1 |
| evm.scaf114.15 | Dmoj\Gl20903 | Dmel\Lcp1 | Larval cuticle protein 1 |
| evm.scaf114.17 | Dmoj\Gl20905 | Dmel\Lcp2 | Larval cuticle protein 2 |
| evm.scaf114.18 | Dmoj\Gl20906 | Dmel\Lcp2 | Larval cuticle protein 2 |
| evm.scaf114.19 | Dmoj\Gl25804 | Dmel\Lcp2 | Larval cuticle protein 2 |
| evm.scaf12.9 | Dmoj\GI19278 | Dmel\Dmel\CG10911 | RE12410p |
| evm.scaf12.112 | Dmoj\Gl20326 | Dmel\blw | ATP synthase subunit alpha, mitochondrial |
| evm.scaf12.126 | Dmoj\Gl20341 | Dmel\CG15093 | Probable 3-hydroxyisobutyrate dehydrogenase, mitochondrial |

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|-----------------|--------------|--------------------|---|
| evm.scaf120.21 | Dmoj\GI19567 | Dmel\CG13323 | IP04046p |
| evm.scaf13.53 | Dmoj\Gl22035 | Dmel\Echs1 | LD24265p |
| evm.scaf13.133 | Dmoj\GI18587 | Dmel\CG4847 | RH39096p |
| evm.scaf131.10 | Dmoj\GI11215 | Dmel\obst-E | Protein obstructor-E |
| evm.scaf139.11 | Dmoj\Gl21540 | Dmel\EF2 | Elongation factor 2 |
| evm.scaf139.21 | Dmoj\GI15636 | Dmel\C1GalTA | Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1 |
| evm.scaf14.44 | Dmoj\GI19144 | Dmel\CG14196 | IP13170p |
| evm.scaf149.6 | Dmoj\Dscam | Dmel\bt | Bent, isoform F |
| evm.scaf16.135 | Dmoj\GI13071 | Dmel\CG13075 | IP10546p |
| evm.scaf16.176 | Dmoj\GI13037 | Dmel\BcDNA:RH19933 | Uncharacterized protein, isoform M |
| evm.scaf16.191 | Dmoj\GI12288 | Dmel\Fdx2 | Ferredoxin 2 |
| evm.scaf165.5 | Dmoj\GI18700 | Dmel\Cyp6a16 | Cyp6a16, isoform B |
| evm.scaf168.2 | Dmoj\GI12253 | Dmel\Aldh | Aldehyde dehydrogenase |
| evm.scaf17.13 | Dmoj\Obp56d | Dmel\Obp56d | General odorant-binding protein 56d |
| evm.scaf17.105 | Dmoj\moj9 | Dmel\ldgf6 | Imaginal disk growth factor 6 |
| evm.scaf170.2 | NA | NA | NA |
| evm.scaf175.3 | Dmoj\GI15484 | Dmel\RunxB | Runt related B |
| evm.scaf179.5 | Dmoj\GI14711 | Dmel\wupA | Troponin I |
| evm.scaf18_1.77 | Dmoj\GI13781 | Dmel\Eno | Enolase |
| evm.scaf19.9 | Dmoj\GI13751 | Dmel\Cpr78E | Cuticular protein 78E |
| evm.scaf19.70 | Dmoj\GI11589 | Dmel\CG6083 | FI19917p1 |
| scaf2_hit_44523 | Dmoj\MtnA | Dmel\MtnA | Metallothionein-1 |
| evm.scaf2.144 | Dmoj\Gl24722 | Dmel\Xrp1 | Xrp1, isoform A |
| evm.scaf2.209 | Dmoj\Gl22919 | Dmel\Hsc70-4 | Heat shock 70 kDa protein cognate 4 |
| evm.scaf2.220 | Dmoj\Gl22929 | Dmel\Tm1 | Tropomyosin-1, isoforms 33/34 |
| evm.scaf2.221 | Dmoj\Gl22927 | Dmel\Tm1 | Tropomyosin-1, isoforms 33/34 |
| evm.scaf2.223 | Dmoj\Gl22929 | Dmel\Tm2 | Tropomyosin-2 |
| evm.scaf2.232 | Dmoj\GI24655 | Dmel\Fdh | Alcohol dehydrogenase class-3 |
| evm.scaf2.260 | Dmoj\Gl24641 | Dmel\glob1 | GEO09476p1 |
| evm.scaf2.287 | Dmoj\GI20073 | Dmel\CG5023 | GH21596p |
| evm.scaf2.420 | Dmoj\Gl22630 | Dmel\Ugt35C1 | UDP-glucuronosyltransferase |
| evm.scaf2.441 | Dmoj\GI10131 | Dmel\Ald | Fructose-bisphosphate aldolase |
| evm.scaf2.450 | Dmoj\Gl22612 | Dmel\Snmp1 | Sensory neuron membrane protein 1 |
| evm.scaf2.516 | Dmoj\GI10184 | Dmel\CG31300 | FI01822p |
| evm.scaf2.519 | Dmoj\Gl22570 | Dmel\CHKov1 | CHK domain ov1 |
| evm.scaf203.2 | Dmoj\GI17438 | Dmel\thetaTry | Trypsin theta |
| evm.scaf207.1 | Dmoj\GI14038 | Dmel\CG1674 | CG1674, isoform L |
| evm.scaf20_1.30 | Dmoj\GI19038 | Dmel\Alp7 | Alkaline phosphatase |
| evm.scaf20_1.31 | Dmoj\GI19039 | Dmel\Swim | RE01730p |
| evm.scaf20_1.43 | Dmoj\GI19047 | Dmel\CG10081 | RE61138p |
| evm.scaf20_1.44 | Dmoj\GI19047 | Dmel\CG10081 | RE61138p |
| evm.scaf20_1.47 | Dmoj\GI19053 | Dmel\Cpr49Aa | Cuticular protein 49Aa |
| evm.scaf20_1.50 | Dmoj\GI19056 | Dmel\Cpr49Ac | Cuticular protein 49Ac, isoform C |
| evm.scaf20_1.81 | Dmoj\GI19074 | Dmel\Acox57D-p | Acyl-coenzyme A oxidase |
| evm.scaf21.7 | Dmoj\GI12556 | Dmel\ckd | Cracked, isoform C |
| evm.scaf21.47 | Dmoj\GI12734 | Dmel\CG7465 | RE16136p |
| evm.scaf21.48 | Dmoj\GI12732 | Dmel\CG11349 | MIP31077p |
| evm.scaf21.49 | Dmoj\GI12590 | Dmel\CG15024 | Uncharacterized protein |
| evm.scaf22.1 | Dmoj\Dscam | Dmel\sls | Titin |
| evm.scaf22.47 | Dmoj\Gl24012 | Dmel\Alp10 | RE25175p |
| evm.scaf22.53 | Dmoj\GI13184 | Dmel\frm | Farmer, isoform H |
| evm.scaf22.103 | Dmoj\GI12099 | Dmel\Arc42 | Arc42 |
| evm.scaf22.133 | Dmoj\GI12089 | Dmel\RpL18 | 60S ribosomal protein L18 |
| evm.scaf22.162 | Dmoj\GI13264 | Dmel\RpS17 | 40S ribosomal protein S17 |
| evm.scaf225.4 | NA | Dmel\vajk-2 | RH04334p |
| evm.scaf23.11 | Dmoj\GI12492 | Dmel\ldh | Isocitrate dehydrogenase |
| evm.scaf23.67 | Dmoj\GI12526 | Dmel\Tudor-SN | Staphylococcal nuclease domain-containing protein 1 |
| evm.scaf23.82 | Dmoj\GI12536 | Dmel\CG16762 | LP12691p |
| evm.scaf23.103 | Dmoj\GI12765 | Dmel\AKR2E3 | BcDNA.GH10614 |
| evm.scaf24_2.7 | Dmoj\GI17938 | Dmel\ninaD | FI02050p |

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|-------------------|--------------|--------------------|---|
| evm.scaf24_2.36 | Dmoj\GI17959 | Dmel\RpL27A | 60S ribosomal protein L27a |
| evm.scaf24_2.78 | Dmoj\Gl21922 | Dmel\CG12512 | MIP06029p |
| evm.scaf24_2.102 | Dmoj\GI21890 | Dmel\mAcon1 | Aconitate hydratase, mitochondrial |
| evm.scaf25.86 | Dmoj\GI15155 | Dmel\Act57B | Actin-57B |
| evm.scaf27.31 | Dmoj\GI14996 | Dmel\Thor | 4E-binding protein THOR |
| evm.scaf27.51 | Dmoj\GI17055 | Dmel\Mhc | Myosin heavy chain, muscle |
| evm.scaf27.52 | Dmoj\GI14919 | Dmel\Cyt-b5-r | Cytochrome b5-related protein |
| evm.scaf27.54 | Dmoj\Gl22628 | Dmel\Ugt37C2 | Ugt36Ba, isoform A |
| evm.scaf28.11 | Dmoj\GI13506 | Dmel\CG8745 | Alanineglyoxylate aminotransferase 2-like |
| evm.scaf29.39 | Dmoj\GI20539 | Dmel\Pfk | ATP-dependent 6-phosphofructokinase |
| evm.scaf29.40 | Dmoj\GI18998 | Dmel\Gpo2 | Glycerol-3-phosphate dehydrogenase |
| evm.scaf3.89 | Dmoj\GI18059 | Dmel\Lsp1gamma | Larval serum protein 1 gamma chain |
| evm.scaf3.184 | Dmoj\GI20943 | Dmel\Ugt36D1 | UDP-glucuronosyltransferase |
| evm.scaf3.193 | Dmoj\GI18127 | Dmel\CG5783 | GH05617p |
| evm.scaf3.284 | Dmoj\Gl22716 | Dmel\UK114 | RutC family protein UK114 |
| evm.scaf3.296 | Dmoj\Gl24477 | Dmel\dpy | Dumpy, isoform Q |
| evm.scaf305.2 | Dmoj\Gl24379 | Dmel\GstD1 | Glutathione S-transferase D1 |
| evm.scaf305.3 | Dmoj\Gl24379 | Dmel\GstD1 | Glutathione S-transferase D1 |
| evm.scaf305.4 | Dmoj\Gl24379 | Dmel\GstD2 | Glutathione S-transferase D2 |
| evm.scaf31.102 | Dmoj\GI12410 | Dmel\Prm | Paramyosin, long form |
| | • | | |
| scaf31_hit_181495 | Dmoj\GI13294 | Dmel\Acbp5 | RE05521p |
| evm.scaf31.108 | Dmoj\GI12406 | Dmel\BcDNA:RE29808 | GEO07612p1 |
| evm.scaf31.109 | Dmoj\GI12930 | Dmel\CG32023 | GEO10720p1 |
| evm.scaf31.129 | Dmoj\Gl12947 | Dmel\anon-37Cs | Protein anon-37Cs |
| evm.scaf32.84 | Dmoj\GI11397 | Dmel\CG11370 | RE13370p |
| evm.scaf33.93 | Dmoj\GI16977 | Dmel\Col4a1 | Collagen alpha-1(IV) chain |
| evm.scaf33.106 | Dmoj\GI16990 | Dmel\Cyp309a1 | Probable cytochrome P450 309a1 |
| evm.scaf33.149 | Dmoj\GI15343 | Dmel\Clect27 | C-type lectin 27kD, isoform A |
| evm.scaf34.5 | Dmoj\GI12200 | Dmel\CG11407 | GH20840p |
| evm.scaf34.64 | Dmoj\GI14504 | Dmel\CG6180 | GH25425p |
| evm.scaf35.23 | Dmoj\GI19511 | Dmel\Lcp9 | Larval cuticle protein 9 |
| evm.scaf35.34 | Dmoj\GI19517 | Dmel\Non1 | Nucleolar GTP-binding protein 1 |
| evm.scaf35.67 | Dmoj\GI19544 | Dmel\Edg78E | Pupal cuticle protein Edg-78E |
| evm.scaf36_1.7 | Dmoj\GI15739 | Dmel\Mgstl | Microsomal glutathione S-transferase-like, isoform A |
| evm.scaf37.24 | NA | NA | NA |
| evm.scaf39.1 | Dmoj\Gl26287 | Dmel\Muc11A | Mucin 11A |
| evm.scaf39.70 | NA | NA | NA |
| evm.scaf41.7 | Dmoj\Gl20769 | Dmel\CG14767 | Lysosomal-associated transmembrane protein |
| evm.scaf41.9 | Dmoj\GI20770 | Dmel\PGRP-SC2 | Peptidoglycan-recognition protein SC2 |
| evm.scaf41.92 | Dmoj\GI20823 | Dmel\Glo1 | Glyoxalase 1 |
| evm.scaf42.59 | Dmoj\GI15248 | Dmel\ALT | AT04676p |
| evm.scaf42.74 | Dmoj\GI15259 | Dmel\FOHSDR | RH17287p |
| evm.scaf43.21 | Dmoj\GI20679 | Dmel\tsr | Cofilin/actin-depolymerizing factor homolog |
| | • | | . , |
| evm.scaf43.32 | Dmoj\Dscam | Dmel\Unc-89 | Obscurin |
| evm.scaf43.48 | Dmoj\Gl20714 | Dmel\Ca-P60A | Calcium-transporting ATPase sarcoplasmic/endoplasmic reticulum type |
| evm.scaf43.100 | Dmoj\Gl20756 | Dmel\Gapdh2 | Glyceraldehyde-3-phosphate dehydrogenase 2 |
| evm.scaf44_1.1 | Dmoj\GI17580 | Dmel\RpL13 | 60S ribosomal protein L13 |
| evm.scaf44_1.21 | Dmoj\GI11106 | Dmel\Apoltp | Apolipoprotein lipid transfer particle |
| evm.scaf45.86 | Dmoj\GI11098 | Dmel\sesB | ADP,ATP carrier protein |
| evm.scaf45.95 | Dmoj\GI11033 | Dmel\Peritrophin-A | LD20793p |
| scaf46_hit_220934 | NA | NA | NA |
| evm.scaf46.29 | Dmoj\GI19900 | Dmel\CG34227 | GEO08372p1 |
| evm.scaf46.68 | Dmoj\GI19926 | Dmel\Alp8 | Alkaline phosphatase |
| evm.scaf47.55 | Dmoj\GI17222 | Dmel\CT12987 | FI09602p |
| evm.scaf48.59 | Dmoj\GI17162 | Dmel\CG7778 | GH17475p |
| evm.scaf49.5 | Dmoj\GI13602 | Dmel\CG3868 | Uncharacterized protein |
| evm.scaf5.88 | Dmoj\Gl23928 | Dmel\CG3987 | GH09123p |
| evm.scaf5.127 | Dmoj\Gl23694 | Dmel\pug | C-1-tetrahydrofolate synthase, cytoplasmic |
| evm.scaf5.188 | Dmoj\Gl23863 | Dmel\fau | Protein anoxia up-regulated |
| evm.scaf5.202 | Dmoj\GI23851 | Dmel\Pxd | Peroxidase |
| 1 | -, | - · | |

| evm.scaf5.236 | Dmoj\Gl23832 | Dmel\Nep2 | Neprilysin-2 |
|--------------------------------------|------------------------------|----------------------------|--|
| evm.scaf50.79 | Dmoj\GI10356 | Dmel\MMSDH | Probable methylmalonate-semialdehyde dehydrogenase |
| evm.scaf51.21 | Dmoj\GI11531 | Dmel\Cpr | NADPHcytochrome P450 reductase |
| evm.scaf51.25 | Dmoj\GI17512 | Dmel\BcDNA:LP12049 | LP12049p |
| evm.scaf51.29 | Dmoj\GI17517 | Dmel\AANATL3 | IP07705p |
| evm.scaf53.15 | Dmoj\Gl26358 | Dmel\TwdIX | IP11207p |
| evm.scaf53.29 | Dmoj\GI14660 | Dmel\CG8206 | GH04557p |
| evm.scaf54.8 | Dmoj\GI16170 | Dmel\Btnd | Biotinidase |
| evm.scaf55.5 | Dmoj\Adh2 | Dmel\Adh | Alcohol dehydrogenase |
| evm.scaf55.6 | Dmoj\Adh2 | Dmel\Adh | Alcohol dehydrogenase |
| evm.scaf55.31 | Dmoj\GI10464 | Dmel\Acer | Angiotensin-converting enzyme-related protein |
| evm.scaf55.36 | Dmoj\GI10520 | Dmel\FASN1 | Fatty acid synthase 1, isoform C |
| evm.scaf57.9 | Dmoj\GI15188 | Dmel\kdn | Probable citrate synthase, mitochondrial |
| evm.scaf57.44 | Dmoj\GI16305 | Dmel\Actn | Alpha-actinin, sarcomeric |
| evm.scaf58.18 | Dmoj\GI15562 | Dmel\CG10962 | FI06485p |
| evm.scaf58.21 | Dmoj\GI15040 | Dmel\CG8661 | CG8661 protein |
| evm.scaf58.30 | Dmoj\GI15547 | Dmel\CG18258 | IP12247p |
| evm.scaf59.42 | Dmoj\GI18936 | Dmel\IMPPP | Immune-induced peptides |
| evm.scaf59.56 | Dmoj\GI18926 | Dmel\RyR | Ryanodine receptor |
| evm.scaf6.17 | Dmoj\Gl22935 | Dmel\Pgk | Phosphoglycerate kinase |
| evm.scaf6.98 | NA | NA | NA |
| evm.scaf6.100 | NA | NA | NA |
| evm.scaf6.197 | Dmoj\GI17762 | Dmel\CG3513 | IP03784p |
| evm.scaf61.49 | Dmoj\GI14845 | Dmel\CG12726 | FI16963p1 |
| evm.scaf62_2.13 | NA | NA | NA |
| evm.scaf63.7 | Dmoj\GI18241 | Dmel\b | Black, isoform A |
| evm.scaf64.33 | Dmoj\GI19946 | Dmel\Amy-d | Alpha-amylase B |
| evm.scaf65.6 | Dmoj\GI18191 | Dmel\fbp | Fructose-1,6-bisphosphatase, isoform F |
| evm.scaf67.17 | Dmoj\GI15508 | GN=Dmel\CG15369 | GEO12084p1 |
| evm.scaf68.28 | Dmoj\Gl20229 | Dmel\Cyp6a2 | Cytochrome P450 6a2 |
| evm.scaf68.29 | Dmoj\Gl20228 | Dmel\Cyp6a2 | Cytochrome P450 6a2 |
| evm.scaf7.7 | Dmoj\GI18387 | Dmel\Fmo-2 | Flavin-containing monooxygenase |
| evm.scaf7.34 | Dmoj\Gl21254 | Dmel\Cyp12a4 | Probable cytochrome P450 12a4, mitochondrial |
| evm.scaf7.46 | Dmoj\Gl21250 | Dmel\etaTry | Trypsin eta |
| evm.scaf7.107 | Dmoj\GI18449 | Dmel\Pepck2 | RE12569p |
| evm.scaf7.108 | Dmoj\GI18450 | Dmel\Pepck | Phosphoenolpyruvate carboxykinase |
| evm.scaf70.39 | Dmoj\GI17938 | Dmel\CG10960 | HL01062p |
| evm.scaf72.5 | Dmoj\Tes120 | Dmel\rogdi | Protein rogdi |
| evm.scaf78.35 | Dmoj\Gl21755 | Dmel\Cyp1 | Peptidyl-prolyl cis-trans isomerase |
| evm.scaf79.22 | Dmoj\GI15204 | Dmel\Eo | Ecdysone oxidase |
| evm.scaf8.9 | Dmoj\Gl24003 | Dmel\CG18473 | Phosphotriesterase-related protein |
| evm.scaf8.24 | Dmoj\Gl24012 | Dmel\phu | Alkaline phosphatase |
| evm.scaf8.25 | Dmoj\Gl24740 | Dmel\Cyp6d5 | Probable cytochrome P450 6d5 |
| evm.scaf82.24 | Dmoj\Gl20159 | Dmel\CG15098 | LP21121p |
| evm.scaf82.32 | Dmoj\Gl20153 | Dmel\Jheh2 | Epoxide hydrolase |
| evm.scaf84.8 | Dmoj\GI11853 | Dmel\CG5946 | NADH-cytochrome b5 reductase |
| evm.scaf85.9 | Dmoj\GI11772 | NA | NA |
| evm.scaf87.38 | Dmoj\GI15780 | Dmel\up | Troponin T, skeletal muscle |
| evm.scaf90.1 | Dmoj\GI16360 | Dmel\BcDNA:GH23906 | Uncharacterized protein, isoform T |
| evm.scaf94.36 | Dmoj\GI12636 | Dmel\Ance | Angiotensin-converting enzyme |
| evm.scaf95.24 | Dmoj\GI17398 | Dmel\BG:DS00180.3 | HL02234p |
| evm.scaf97.45 | Dmoj\Dscam | Dmel\trol | Terribly reduced optic lobes, isoform AT |
| evm.scaf9_1.19 | Dmoj\GI17654 | Dmel\CG17508 | RE41154p1 |
| evm.scaf9_2.20 | Dmoj\GI17235 | Dmel\Ddc | Aromatic-L-amino-acid decarboxylase |
| evm.scaf9_2.44 | Dmoj\GI10041 | Dmel\Pax | Paxillin, isoform F |
| evm.scaf_1_1.17 | Dmoj\GI16703 | Dmel\Jon25Bi | Jonah 25Bi |
| evm.scaf_1_2.12 | Dmoj\GI10850 | Dmel\CG8132 | LD31229p |
| evm.scaf_1_2.55 | Dmoj\Gl21959 | Dmel\CG14300 | GEO11304p1 |
| | | | |
| evm.scaf_1_2.148 evm.scaf_1_2.249 | Dmoj\GI10745 Dmoj\GI23241 | Dmel\Mlc1 Dmel\yellow-e | Myosin light chain alkali RE55542p |

| evm.scaf_2_1.22 | Dmoj\GI16792 | Dmel\RabX5 | RabX5 |
|------------------|--------------|--------------------|---|
| evm.scaf_2_1.117 | Dmoj\Tes114 | Dmel\Argk | Arginine kinase |
| evm.scaf_2_1.123 | Dmoj\GI16853 | Dmel\BcDNA:RH39779 | GEO09635p1 |
| evm.scaf_2_1.213 | Dmoj\GI12682 | Dmel\ple | Tyrosine 3-monooxygenase |
| evm.scaf_2_1.221 | Dmoj\GI12627 | Dmel\Lcp65Ag2 | Larval cuticle protein 65Ag2 |
| evm.scaf_2_1.237 | Dmoj\GI12699 | Dmel\Cpr65Au | Cuticular protein 65Au, isoform A |
| evm.scaf_2_1.238 | Dmoj\GI12698 | Dmel\Cpr65Av | Cuticular protein 65Av |
| evm.scaf_2_1.239 | Dmoj\Gl12700 | Dmel\l(3)mbn | Protein lethal(3)malignant blood neoplasm 1 |