**Table S6.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Contig #** | **Best Hita** | **Predicted Functiona** | **Fold Differenceb**  | **RNA-Seqc** | **Oligo** |
| **16** | TC000515  | thaumatin | 2.12 | 2.26 | TTACAATATCCGGATATCTTTGGAGCCGATTAATGGACAAGGTGACGGTAGCGAGTACAG |
|  |   |   |   |   | GTTACAATATCCGGATATCTTTGGAGCCGATTAATGGACAAGGTGACGGTAGCGAGTACA |
| **262** | TC013519 | lupus 1a ribonucleoprotein | 1.48 |   | CTTTGGAGGTATTATTAACGTTCAAGAGACTTGCCAGTTTATCTGATGATCCAGAAGTGA |
|  |   |   |   |   | TTGCCAGTTTATCTGATGATCCAGAAGTGATAGCTTCTGCAGTGGAAAAAGCTGAAAATG |
| **262** | TC013519  | lupus la ribonucleoprotein | 1.37 |   | CTTTGGAGGTATTATTAACGTTCAAGAGACTTGCCAGTTTATCTGATGATCCAGAAGTGA |
|  |   |   |   |   | TTGCCAGTTTATCTGATGATCCAGAAGTGATAGCTTCTGCAGTGGAAAAAGCTGAAAATG |
| **373** | XM\_965079  | osteoadherin | 1.31 | 1.39 | ATTCAGGATCTGACTTGGGACGAATTTGAAGGTCTGGCCAATCTCGAGGTATTGAATGTT |
|  |   |   |   |   | GCACAAATCGAATTTCGTCTTTTGATGCTGACAAAATTGCTACGAACTTCCTCAATCTAA |
| **1448** | XM\_963464 | phospholipid scramblase 1 | -2.1 |   | TACTATGATTGATCAGTTGCTAGTCCACCAAAAAAGTCGAGTTGCTGGAAGCTCTTACCG |
|  |   |   |   |   | TTACTATGATTGATCAGTTGCTAGTCCACCAAAAAAGTCGAGTTGCTGGAAGCTCTTACC |
| **2107** | HP570794 | coiled-coil domain containing 94 | -1.88 |   | ATATACCGATTCTATATCAAATGCACCAGGTGCCTGCAGGAGATTTCGTTCAAGACAGAC |
|  |   |   |   |   | TATACCGATTCTATATCAAATGCACCAGGTGCCTGCAGGAGATTTCGTTCAAGACAGACC |
| **2187** | XM\_967458 GA13327 | proteasome  | -1.9 |   | AATGTTGGAGCTCCTCAACCAACTGGACGGCTTCGAAGCCACCAAAAACATCAAAGTTAT |
|  |   |   |   |   | CATCAAAGTTATCATGGCCACCAACAGAATTGACATACTGGATCCCGCCTTGTTAAGACC |
| **2974** | XM\_971400  | na | -1.3 | -1.23 | CTATTTGCAGTTGATAAGTCGTTTGAAAGCGAGAGAAGAGGCGCGAGAAGATGAGTTGTA |
|  |   |   |   |   | TTGTCATCTACCAAAGCAGGCTATTTGCAGTTGATAAGTCGTTTGAAAGCGAGAGAAGAG |
| **3048** | TC004656 | lipase | -4.54 |   | ATCTTTGGAGATTACTATCTGGATACCAACGCCGACTCCCCATACGGACAAGGTTAGAAT |
|  |   |   |   |   | TCTTTGGAGATTACTATCTGGATACCAACGCCGACTCCCCATACGGACAAGGTTAGAATT |
| **3209** | TC016342  | tryptophanyl-tRNA synthetase/ligase (Interferon-induced protein 53) | 1.29 |   | GAGGTGTTGAAGCAATTTATGACACCTCGGAAGTTAGCATTTGATGTTTAATTTGAAGTG |
|  |   |   |   |   | GCAGGGCGAAAATTACTGATGAGGTGTTGAAGCAATTTATGACACCTCGGAAGTTAGCAT |
| **3746** | TC012575 CG11529 | serine protease | -2.56 | -3.04 | ATCGCAAGCTTTATAAGTGCTAACGGATGCGAAAGTTTAGATCCAACTGGGTACACAAGG |
|  |   |   |   |   | ATCCAACTGGGTACACAAGGATTGATTCTTACAACGGATGGATTAAAAATGCTACAACTT |
| **3906** | TC003872 Fbp2 | alcohol dehydrogenase | -1.44 | -1.39 | GCTAAAAGTGGAACTGTATGGGTGGCCGAAAATGGGCAAGATCCTTACGAATTTATCCTA |
|  |   |   |   |   | TACCACCCAGGGAGAGTTTCGCGCCAAAATAATTTGTAAAAAATGTTATAGTAGGTATAT |
| **3936** | TC012876 Ntf-2 | nuclear transport factor-2 | 1.27 |   | CTGTAGACTCACAACCTATGTTTGATGGGGGAGTACTAATTAATGTCTTAGGTAGATTAC |
|  |   |   |   |   | GATTAATAGAATAATTACGGCTGTAGACTCACAACCTATGTTTGATGGGGGAGTACTAAT |
| **4024** | XM\_968699 | na | -2.12 |   | AACGAAGAAAGGCTCTCGAGCGAGAGCGGAAGGAGAGGTTGGACCGTCTGAAGGACGAGA |
|  |   |   |   |   | TTTAACGAGCTGGAGGCGCAGAACAAGCGCCACGACTTCTTGCAGTCATGTCGCGAACAG |
| **4188** | TC015224 | serpin peptidase inhibitor 31 | -1.86 |   | TCTTTTACATCAAGATTAACGATGTCATCCTCTTCGAAGGCAGAGTTTTGGTACCGGAAA |
|  |   |   |   |   | GTCTTTTACATCAAGATTAACGATGTCATCCTCTTCGAAGGCAGAGTTTTGGTACCGGAA |
| **4230** | AB205184 Sr-CI | melanin-inhibiting protein | -1.98 |   | TGACGTGGAGTACTACGTCTACGGAGTCAAAAAAGAAGCCAATAAGTAATACCACCGAAC |
|  |   |   |   |   | ACGGAGTCAAAAAAGAAGCCAATAAGTAATACCACCGAACGTGCTTTAATTGTTGTCTTA |
| **4230** | AB205184 Sr-CI | melanin-inhibiting protein | 1.82 | -1.13 | TGACGTGGAGTACTACGTCTACGGAGTCAAAAAAGAAGCCAATAAGTAATACCACCGAAC |
|  |   |   |   |   | ACGGAGTCAAAAAAGAAGCCAATAAGTAATACCACCGAACGTGCTTTAATTGTTGTCTTA |
| **5757** | TC006775 | histone-binding protein RBBP4 (retinoblastoma-binding protein 4) | -3.19 |   | AGAGTACAAGATCTGGAAGAAAAACACGCCGTTTCTGTATGATCTGGTGATGACACACGC |
|  |   |   |   |   | TACAAGATCTGGAAGAAAAACACGCCGTTTCTGTATGATCTGGTGATGACACACGCGCTA |
| **5818** | TC000069 Pros26 | proteasome | -1.23 | -1.52 | CAAGGATGGAATACAAGAAGACAGCTTCCAGCTGAGAAAGGATTAAACTGTAATTGTTTT |
|  |   |   |   |   | GCTGCAGAAAGAGATATATTTACAGGTGACAGCATTTTGATTAATGTGATTACCAAGGAT |
| **6467** | TC013555  | transcription initiation factor | -1.24 |   | GAGAGTATACCTAAAGATCATCGATTAGATGTGTCAAAAGTTACCCAACAAACTTTAGGA |
|  |   |   |   |   | GTTACCCAACAAACTTTAGGAGTTTTTTCACATGTGATTCCTTCACAAACAGATGCTATT |
| **6626** | XM\_317046 | mitochondrial ribosomal protein L24 | 1.24 |   | CAAATCAAGTGGCTCTTGTTGATCCTTCTGACCTGCAAGCAACTTCAGTTGAGTGGAGAT |
|  |   |   |   |   | TATGCAAATGGAAAAAACCTCTCTTGGTAACAAATCAAGTGGCTCTTGTTGATCCTTCTG |
| **6914** | XM\_961851  | inhibitor of NFkappaB kinase | -1.56 |   | TCTGAGAGACAAAGAGAACGATGGGAGAACGAGGTGAACATCATGCAAACTCTCAAATGC |
|  |   |   |   |   | TTCTGAGAGACAAAGAGAACGATGGGAGAACGAGGTGAACATCATGCAAACTCTCAAATG |
| **7075** | TC008409  | translation machinery associated protein mct-1 | -1.27 |   | CTTTGTCCACTGATGAACATAGCGAAAATCAACAAGGGAATAGGTGTTGAAAACTGTCAT |
|  |   |   |   |   | TAGGTGTTGAAAACTGTCATTACTTAAATGATGGCTTGTGGCAAATGAAACCTGTTAAGT |
| **7267** | TC007858 | Protein of unknown function (DUF3421) | 1.71 |   | ACGAAAATGGTAAAGTTCTGAATATTGGTCGAGGCTCTTATCAAGAAGAAGTAATTGTGG |
|  |   |   |   |   | CTATTGGTAAACATTTGGTCATTGGCGGTTACGAAAATGGTAAAGTTCTGAATATTGGTC |
| **7267** | TC007858  | Protein of unknown function (DUF3421) | 1.47 |   | ACGAAAATGGTAAAGTTCTGAATATTGGTCGAGGCTCTTATCAAGAAGAAGTAATTGTGG |
|  |   |   |   |   | CTATTGGTAAACATTTGGTCATTGGCGGTTACGAAAATGGTAAAGTTCTGAATATTGGTC |
| **7506** | TC014024 | TLD, TBC domain | -2.17 |   | AAATGCAAATAATGCCTTCGGTGCTGGAAGAAGTGGCTGTCGAACAATCGAACTCTTACA |
|  |   |   |   |   | GAAATGCAAATAATGCCTTCGGTGCTGGAAGAAGTGGCTGTCGAACAATCGAACTCTTAC |
| **7638** | TC009981 CG9471 | NADPH dehydrogenase | -1.69 | -1.39 | AACCAGAGCATCATGGCAAAGTGTGTGGAATCAGCACTAAGCATTAATAATTAATTGTTA |
|  |   |   |   |   | ATGGGACCATGGGGAAAGAACATTTAGATTAAGAAGTGATACCAGATTATGACAATTACA |
| **8122** | XM\_001811882 GA12600 | B-cell receptor-associated protein 31-like | -1.51 | -1.48 | AGGTGAAATTGCCCAAAACGATAGTAACGAAGCGCATGATAAAGAGGTAACTGATCTGAA |
|  |   |   |   |   | TTTTGTCATTAGTCATCCGAAGGCTAGTTATTCTCATCTCGTCGCAAGCTGCTCTGTTGG |
| **8689** | XM\_965528 | vacuolar ATP synthase | 1.5 |   | AAATTGACGCTAAAGCTGAAGAAGAATTCAACATTGAAAAAGGCCGTCTTGTCCAACAAC |
|  |   |   |   |   | ATGGCTTTCATTGAACAAGAAGCCAATGAAAAAGCCGAAGAAATTGACGCTAAAGCTGAA |
| **9375** | AY337517 Cp1, TC009365 | cathepsin L | 2.82 | 1.09 | CGTTCCAACTTTGTAAATAAATTCTTCACAAACGCAATGTACAAACTGATGAATGCGCAA |
|  |   |   |   |   | GCGTTCCAACTTTGTAAATAAATTCTTCACAAACGCAATGTACAAACTGATGAATGCGCA |
| **9624** | TC008958 CG8331 | receptor expression enhancing protein | -1.15 | 1.23 | CTGTATAGAAGATTGGTGCGTCCATACTTTTTGAAACATCACAACAATGTGGATGAAATG |
|  |   |   |   |   | CTGTATAGAAGATTGGTGCGTCCATACTTTTTGAAACATCACAACAATGTGGATGAAATG |
| **9828** | XM\_969848 CG17347 | dynactin  | 1.29 |   | ACAAAGTAACAGTTACTAATGGCTGTATTATTGGTGCAGGTTGTAAAGTTACACAGGAAC |
|  |   |   |   |   | CAAAGTAACAGTTACTAATGGCTGTATTATTGGTGCAGGTTGTAAAGTTACACAGGAACC |
| **10177** | TC009539 CG11738 | lethal (1) G0004; RNA-binding | 1.27 |   | CGCCTTGGCGCTGATGAGACTGGATGACTTATTTATAGAAACTTTTGAAATTAAAGATGT |
|  |   |   |   |   | GCCTTGGCGCTGATGAGACTGGATGACTTATTTATAGAAACTTTTGAAATTAAAGATGTA |
| **10290** | TC006245 | suppressor of Ty 4 homolog 1; transcription elongation factor SPT4 | 1.21 |   | AGACACAAGTCAACGATAGTGCGCCTCAATCTCAATTTTTATACATTTAACTTCACTGAT |
|  |   |   |   |   | CTAATTTTGATGGAATGATTGCTGCTATGAGTCCTGATGACAGTTGGGTTTGTAAATGGC |
| **11225** | TC012531  | aminoacylase | -1.35 |   | GACTTCCAGCTATTGGATTTTCTCCGATTAATAACACTCCAGTATTGCTACATGATCACG |
|  |   |   |   |   | TGGATCGCTTTTAAAGAAGCCACTGACAAGCTCGGCCTTAAGTTGAAACCGCAGATATTT |
| **11374** | TC011289  | GTPase subunit SAR (Secretion associated, Ras-related)  | -1.5 |   | GACTTCCAGCTATTGGATTTTCTCCGATTAATAACACTCCAGTATTGCTACATGATCACG |
|  |   |   |   |   | TGGATCGCTTTTAAAGAAGCCACTGACAAGCTCGGCCTTAAGTTGAAACCGCAGATATTT |
| **11938** | TC015577 | Pleiohomeotic (Pho) | -3.05 |   | GTTGCAATAAAAATGTTCCGTGACAATTCAGCGATGCGAAAGCACCTACACACACACGGA |
|  |   |   |   |   | TTGCAATAAAAATGTTCCGTGACAATTCAGCGATGCGAAAGCACCTACACACACACGGAC |
| **12173** | XM\_962191 | esterase | -2.57 |   | AGGATCACGCAGTACAGAGTTCAAAAAATCTGGACAGATTTTGCGAAATATTTAAACCCT |
|  |   |   |   |   | ATATATTTGGCGAATGTACGACGACTACTATGACAACTCCGACTTGGCAATTTTTCCGAT |
| **12201** | TC010448 | 6-phosphogluconate dehydrogenase | -1.41 |   | CTTTTGATAAAGACCCTAATCTTCGTTCTTTGCTCCTGGCTCCTTTCTTCCTTGATGCCA |
|  |   |   |   |   | TTCTTGGGTCAGATAAAGGCGGCTTTTGATAAAGACCCTAATCTTCGTTCTTTGCTCCTG |
| **12482** | TC008729 | thiolase; acetyl transferase | -1.34 |   | AAATTGCCTACTCTCTTTAAGGAAAATGGATTAGTCACTGCAGGCTCAGCATCTGGAATT |
|  |   |   |   |   | AATTGCCTACTCTCTTTAAGGAAAATGGATTAGTCACTGCAGGCTCAGCATCTGGAATTT |
| **12590** | TC016344 CG4367 | chitin-binding | 9.88 |   | GATGTGGTCCTCAAGAAACATTCCGATCATGTTCAGATATAACAATTTTGTAAAATGGGC |
|  |   |   |   |   | GGCAGTACCACTGTAAATCTTACTGTCAAGTTACCTGATGGTTTGACTTGTGAAAGATGT |
| **12590** | TC016344 CG4367 | chitin-binding | 24.6 | 1.62 | GATGTGGTCCTCAAGAAACATTCCGATCATGTTCAGATATAACAATTTTGTAAAATGGGC |
|  |   |   |   |   | GGCAGTACCACTGTAAATCTTACTGTCAAGTTACCTGATGGTTTGACTTGTGAAAGATGT |
| **12894** | TC011564  | thaumatin | 5.8 | 1 | AATGTTCCTACCCCATTTTCAACGACTGTCCGGACGAGTTGAAGCTGTTCAATAAGGATG |
|  |   |   |   |   | GAATGTTCCTACCCCATTTTCAACGACTGTCCGGACGAGTTGAAGCTGTTCAATAAGGAT |
| **12948** | XM\_970914  | na | -1.21 | 1 | CAAAAAGGCGTTTACGCGAATCAGAGGACTACGCTAGCATCTTGTTGAAAACTAAGGACC |
|  |   |   |   |   | TGTGTTTTTGGGTTGGTTACAAGTCATTTTTGAGCCCTTGGCGCGCAAAAAGGCGTTTAC |
| **13233** | XM\_963136 | xanthine dehydrogenase | -2.88 |   | ACCCTTTCATGATGAAGTATAAAGTCGCGTTTGATGATCAGGGTAAAATTTTGGGAATTC |
|  |   |   |   |   | TATATAACAACTGTGGTTATTCGGTTGATTTGTCACCTTCAAGTTTTAGGAAACGAAGCC |
| **13321** | TC010472 CG10753 | small nuclear ribonucleoprotein at 69D | -1.36 |   | AGTTTACCTCTAGAAACACTCCTGATTGATGATACACCTAAAGCAAAGGCTAAGAAGAAG |
|  |   |   |   |   | CGATATTATATTTTGCCAGATAGTTTACCTCTAGAAACACTCCTGATTGATGATACACCT |
| **13451** | XM\_964186 CG15117 | glycosyl hydrolase | 2.11 |   | GCCTTTTTACGAGGAACCGACAACCTAAGTCCAGCGCTTATCTCATGAGAAAACGTTACT |
|  |   |   |   |   | GCTTATCTCATGAGAAAACGTTACTGGGCCTTGGCACAAAGCTTGGACGATACTGATGTT |
| **14493** | TC010829 betaTub56D | beta tubulin | 1.57 |   | AGCTTCTGGGAGCGTCGCCTACAGAAAACTGAGCGTCAAAGATTTGACAGAACAAATGTT |
|  |   |   |   |   | CGACTTTCATTGCCAACACTACATCTATTCAAGAACTGTTCAAGCGCATACAAGAACAGT |
| **14493** | TC010829 betaTub56D | beta tubulin | 1.4 |   | AGCTTCTGGGAGCGTCGCCTACAGAAAACTGAGCGTCAAAGATTTGACAGAACAAATGTT |
|  |   |   |   |   | CGACTTTCATTGCCAACACTACATCTATTCAAGAACTGTTCAAGCGCATACAAGAACAGT |
| **15484** | TC004597  | synaptic vesicle protein | -1.72 |   | AAGTGATATTATAGACAATAGCAAACAGCTTTTCGTATCTCCAATCCTCAAAATTCACCG |
|  |   |   |   |   | GCAAACAGCTTTTCGTATCTCCAATCCTCAAAATTCACCGATCATTTCTATTACCATCAA |
| **15790** | AB021700 | 86 kDa early-staged encapsulation inducing protein | -2.88 |   | ACCTCTTACTATGAAGTGTACCAGAAGGTAATGGGTGTGAGTGACCAACTAATCGCCAAC |
|  |   |   |   |   | CAGGAACTCTCGTCAAATCTACAATTACATGCACGACAGGACCTCTTACTATGAAGTGTA |
| **16145** | AY325895 | chitinase | -2.66 |   | ACAAGAGATGAGATCTGCATTCGACAGTGCTGGATATATATTCCATTGCGGTACCTGGAA |
|  |   |   |   |   | AGCAACTTTGTAAAACTCTTACAAGAGATGAGATCTGCATTCGACAGTGCTGGATATATA |
| **16243** | TC004032 CG14949 | na | 2.02 |   | AAAGGGTCCGAGATCATCTCCAACCTACCCAAGCTCCTGGGGCTCACGAAGAAACAGGAC |
|  |   |   |   |   | GAAAGGGTCCGAGATCATCTCCAACCTACCCAAGCTCCTGGGGCTCACGAAGAAACAGGA |
| **16243** | TC004032 CG14949  | na | 3.96 | 2 | AAAGGGTCCGAGATCATCTCCAACCTACCCAAGCTCCTGGGGCTCACGAAGAAACAGGAC |
|  |   |   |   |   | GAAAGGGTCCGAGATCATCTCCAACCTACCCAAGCTCCTGGGGCTCACGAAGAAACAGGA |
| **16411** | XM\_963397 CG4367 | chitin-binding  | -5.68 | -1.49 | AGAATACTGGTAAATTTGGGCAAGGAAAAATTGTTCGAACTTACAAAGCTGGAAGCGTTA |
|  |   |   |   |   | CTTATACAGATGCTCACCCTCAAGACAACGAGAATACTGGTAAATTTGGGCAAGGAAAAA |
| **16635** | XM\_002523507 | serine-threonine protein kinase | -1.54 |   | AAATGCTGCAGGTGGAAATTTGGAAGAAGCTGTCAGTGGTATTAATTCAGAGTTTAAAGA |
|  |   |   |   |   | AATGCTGCAGGTGGAAATTTGGAAGAAGCTGTCAGTGGTATTAATTCAGAGTTTAAAGAG |
| **16751** | TC013662 CG15918 | chitin deacetylase 6 | 2.02 |   | ACTCTTGACTACTTGTCAACTCAAGAATGTCGTACGGGTACAACTTGTCCGTCAGAGTCA |
|  |   |   |   |   | TCTGGATTGCTCCAATAAACATCTACCAAAGGAAATAACAGCATAGAGTGTAATTCTTCA |
| **16751** | TC013662 CG15918 | chitin deacetylase 6 | 1.68 | 1.39 | ACTCTTGACTACTTGTCAACTCAAGAATGTCGTACGGGTACAACTTGTCCGTCAGAGTCA |
|  |   |   |   |   | TCTGGATTGCTCCAATAAACATCTACCAAAGGAAATAACAGCATAGAGTGTAATTCTTCA |
| **16973** | DQ356032c TC013672 | serine protease | 2.3 | 2.46 | GAGAACGACATTGGTCTTATCAGGATAGATGCTGCTTAATAAAACCAACGATCACATACG |
|  |   |   |   |   | GGAGAACGACATTGGTCTTATCAGGATAGATGCTGCTTAATAAAACCAACGATCACATAC |
| **17333** | XM\_961998 | juvenile hormone-inducible protein | 1.23 |   | GTCCTACTTCCTCTTCACTTGTCTGTCTGAGGATGATATCCCAAATTTTGATGAAATTGT |
|  |   |   |   |   | TGTCCTACTTCCTCTTCACTTGTCTGTCTGAGGATGATATCCCAAATTTTGATGAAATTG |
| **17333** | XM\_961998  | juvenile hormone-inducible protein | 1.43 |   | GTCCTACTTCCTCTTCACTTGTCTGTCTGAGGATGATATCCCAAATTTTGATGAAATTGT |
|  |   |   |   |   | TGTCCTACTTCCTCTTCACTTGTCTGTCTGAGGATGATATCCCAAATTTTGATGAAATTG |
| **17985** | TC006158 | na | -1.22 |   | ACTCTGATTATCACCTACCATGGAGAACTCGACTTGACAAATGGCAATCTCGGAGACTTC |
|  |   |   |   |   | TCTACCTGACATGCACACCGGTTTCAATTACACTCTGATTATCACCTACCATGGAGAACT |
| **18326** | AY337517 Cp1, TC009365 | cathepsin L-like protein | 1.94 |   | ACAAAACGGCGGAATCGACTCAGAAGGCGCACTACCCCTACGAAATGGCGGACGGAATTG |
|  |   |   |   |   | CACAAAACGGCGGAATCGACTCAGAAGGCGCACTACCCCTACGAAATGGCGGACGGAATT |
| **18373** | XM\_966328 CG6843 | IP14452p, transcription initiation factor | 1.26 |   | CAACACAGGCACAACAAATTATGACTATATACCTAATGATGAAAATGCTGCTGTGAGTTT |
|  |   |   |   |   | CAGATGAGAGAAGATGGATTAGCTATTAAAAAACAGTATCTGAACAACACAGGCACAACA |
| **18492** | DQ356032c TC013672 | serine protease | 2.04 | 2 | ATCATCCATCAGGATATACTAGAACTGCCGCTTATCGCGACTGGATAGACAGTGTAATTG |
|  |   |   |   |   | TCATCCATCAGGATATACTAGAACTGCCGCTTATCGCGACTGGATAGACAGTGTAATTGC |
| **18860** | AY327800c CG10477 | cockroach allergen-like protein | 8.37 |   | GCTGGGGTGAACCAAAGAAATTCTAATCTACACTATTTGGTTTGTAAATAGTATGTGCTT |
|  |   |   |   |   | GGCTGGGGTGAACCAAAGAAATTCTAATCTACACTATTTGGTTTGTAAATAGTATGTGCT |
| **18860** | AY327800c CG10477 | cockroach allergen-like protein | 7.42 | 2.92 | GCTGGGGTGAACCAAAGAAATTCTAATCTACACTATTTGGTTTGTAAATAGTATGTGCTT |
|  |   |   |   |   | GGCTGGGGTGAACCAAAGAAATTCTAATCTACACTATTTGGTTTGTAAATAGTATGTGCT |
| **19513** | TC004948  | peroxiredoxin | -1.82 |   | GTCAACGATATCAAATCATACTGTCGTGACATTCCAGGCGATTTTCCGTACCCCATCATC |
|  |   |   |   |   | TCAACGATATCAAATCATACTGTCGTGACATTCCAGGCGATTTTCCGTACCCCATCATCG |
| **19654** | TC010829d betaTub97EF | beta tubulin | 1.53 |   | GTAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATC |
|  |   |   |   |   | TAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATCC |
| **19654** | TC010829 betaTub97EF | beta tubulin | 1.38 |   | GTAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATC |
|  |   |   |   |   | TAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATCC |
| **19654** | TC010829 betaTub97EF | beta tubulin | 1.35 | 1.39 | GTAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATC |
|  |   |   |   |   | TAGACTATGTTATGTATGACACCCAGACCAAGAACTCGTCGTATTTCGTCGAGTGGATCC |
| **19676** | DQ356028c, TC016372 | serine protease homolog | 2.15 |   | CTTACCTCTGCCGTGTGTATTTATGGATACGACACTTTCACCGTTCTGGTAGGAGTGATA |
|  |   |   |   |   | TTATGGATACGACACTTTCACCGTTCTGGTAGGAGTGATAGATTTGAATGGCTCTGGTGT |
| **19702** | TC005795 CG1244 | na | 1.62 | -1.32 | AGAATGGTAAGACTGGTTTTGTCTTCGACGAAGAAGACTTTGCTGCCCAGTACACGTTCA |
|  |   |   |   |   | CAAGGTCTTCACCGGGATCAAGAATGGTAAGACTGGTTTTGTCTTCGACGAAGAAGACTT |
| **20445** | TC007958 | na | 2.74 |   | TACGAAGAGTTCTGGATTGACGGATTCAACTTTGAAAACGATCTACGATCAGGAGAAAGA |
|  |   |   |   |   | TTTGAAAACGATCTACGATCAGGAGAAAGAGATTGTTATCTGCGGTCAAGCCGATGAGGA |
| **20445** | TC007958  | na | 4.58 | 1.39 | TACGAAGAGTTCTGGATTGACGGATTCAACTTTGAAAACGATCTACGATCAGGAGAAAGA |
|  |   |   |   |   | TTTGAAAACGATCTACGATCAGGAGAAAGAGATTGTTATCTGCGGTCAAGCCGATGAGGA |
| **20501** | TC007958  | na | 1.28 | 1 | TACGAAGAGTTCTGGATTGACGGATTCAACTTTGAAAACGATCTACGATCAGGAGAAAGA |
|  |   |   |   |   | TTTGAAAACGATCTACGATCAGGAGAAAGAGATTGTTATCTGCGGTCAAGCCGATGAGGA |
| **20629** | AF312017c CG9701 | b-glucosidase | 3.58 | 2 | TTACAATAACATTATCACAACTTAGACACGTCGATTGGGACTACTACCCAGACTGGCCGC |
|  |   |   |   |   | TTTACAATAACATTATCACAACTTAGACACGTCGATTGGGACTACTACCCAGACTGGCCG |
| **20794** | TC016344 CG4367 | chitin-binding | 3.86 | 1 | AGAATACTGGTAAATTTGGGCAAGGAAAAATTGTTCGAACTTACAAAGCTGGAAGCGTTA |
|  |   |   |   |   | CTTATACAGATGCTCACCCTCAAGACAACGAGAATACTGGTAAATTTGGGCAAGGAAAAA |
| **20870** | TC013187  | Rho family small GTP binding protein cdc42 | 1.46 |   | CTAGAACCTCCAGAGCCAATTAAACGTAAAAAGTGTGTTATCTTGTAAACAGTAATCCAG |
|  |   |   |   |   | TAGAACCTCCAGAGCCAATTAAACGTAAAAAGTGTGTTATCTTGTAAACAGTAATCCAGC |
| **21620** | TC001310  | allergen Aca s 13 | -2.4 | 2 | TGGAACCAGAGTGTACAAATTCTCCGACACCGAACTTGTTGTCACCATGACCAGTGATAA |
|  |   |   |   |   | TTGGAACCAGAGTGTACAAATTCTCCGACACCGAACTTGTTGTCACCATGACCAGTGATA |
| **21756** | TC012005 CG12099 | RING-finger protein 10 | 1.3 |   | AGTGTGAACACCGAAAATGAACATGCAGGACCGTCTTTTGCTAAAATGTTGGCAAGTGAA |
|  |   |   |   |   | CAGTGTGAACACCGAAAATGAACATGCAGGACCGTCTTTTGCTAAAATGTTGGCAAGTGA |
| **21958** | TC013754  | renin receptor-like protein | -1.13 |   | ACCCAAAAAGTCTAGTGTTCAAAGGCCATGATCATGTGAAAGAAAGCATTTTAAAAGAAG |
|  |   |   |   |   | CCCAAAAAGTCTAGTGTTCAAAGGCCATGATCATGTGAAAGAAAGCATTTTAAAAGAAGT |
| **21958** | TC013754 | renin receptor-like protein | -1.16 |   | ACCCAAAAAGTCTAGTGTTCAAAGGCCATGATCATGTGAAAGAAAGCATTTTAAAAGAAG |
|  |   |   |   |   | CCCAAAAAGTCTAGTGTTCAAAGGCCATGATCATGTGAAAGAAAGCATTTTAAAAGAAGT |
| **23242** | TC014564  | adenosylhomocysteinase | -1.61 |   | CTGTTTGCACATGACGATCCAAACGGCGGTCCTGATCGAAACCTTGAAAGAGCTAGGCCG |
|   |   |   |   |   | GCTGTTTGCACATGACGATCCAAACGGCGGTCCTGATCGAAACCTTGAAAGAGCTAGGCC |

aBLAST hits are from TBLASTX of contigs with NCBI nr, filtering <e-0.05, including the *D. melanogaster* or *T. castaneum*ortholog when available, with the predicted function based on sequence homology when available; na-no associated sequence and/or function. bMicroarray fold difference is the relative expression in Cry3Aa-intoxicated larvae compared to control.

cRNA-Seq fold difference is relative fold increase based on the number of reads from pyrosequencing of larvae exposed to Cry3Aa for 24 h compared to unexposed control larvae.