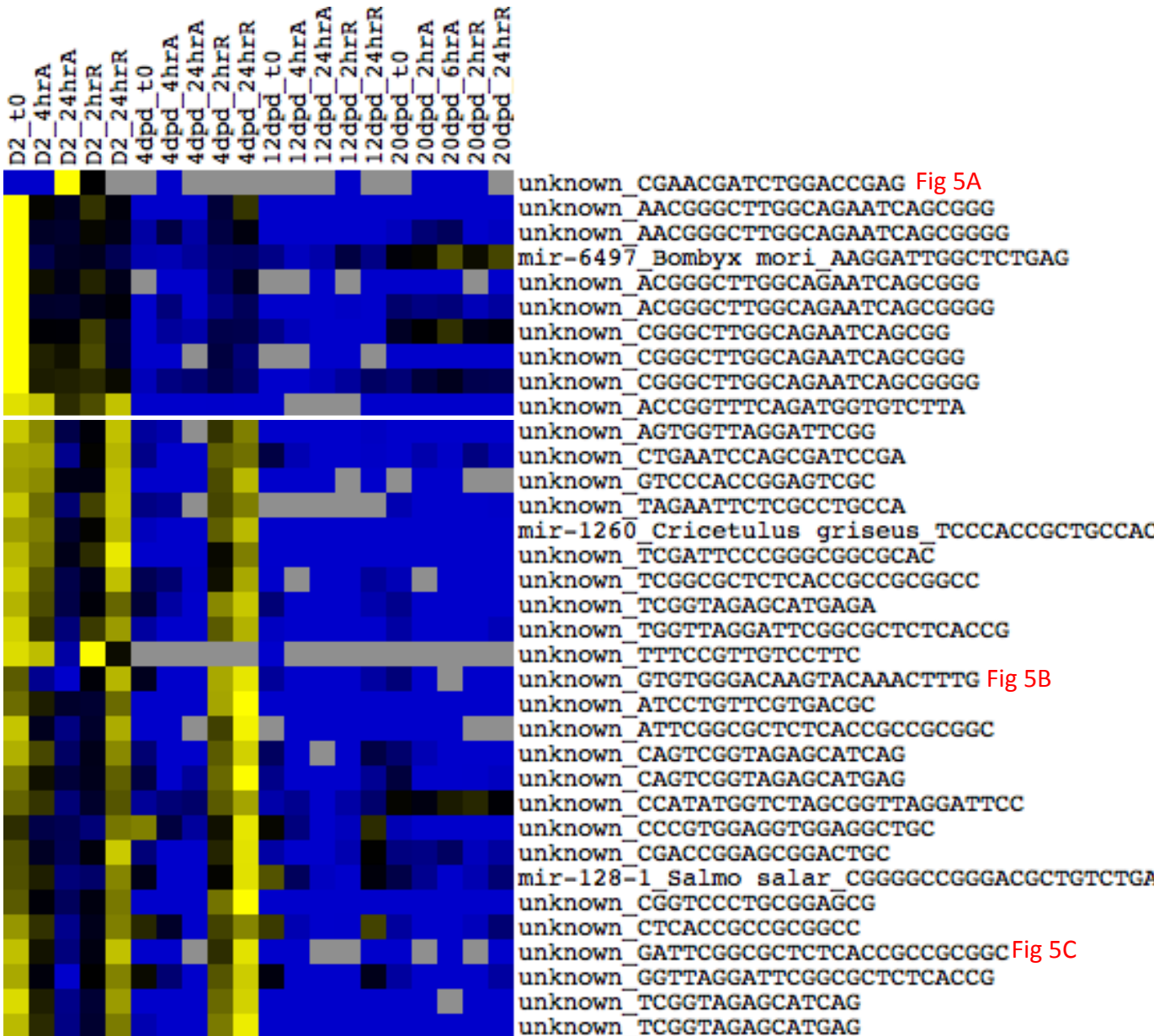
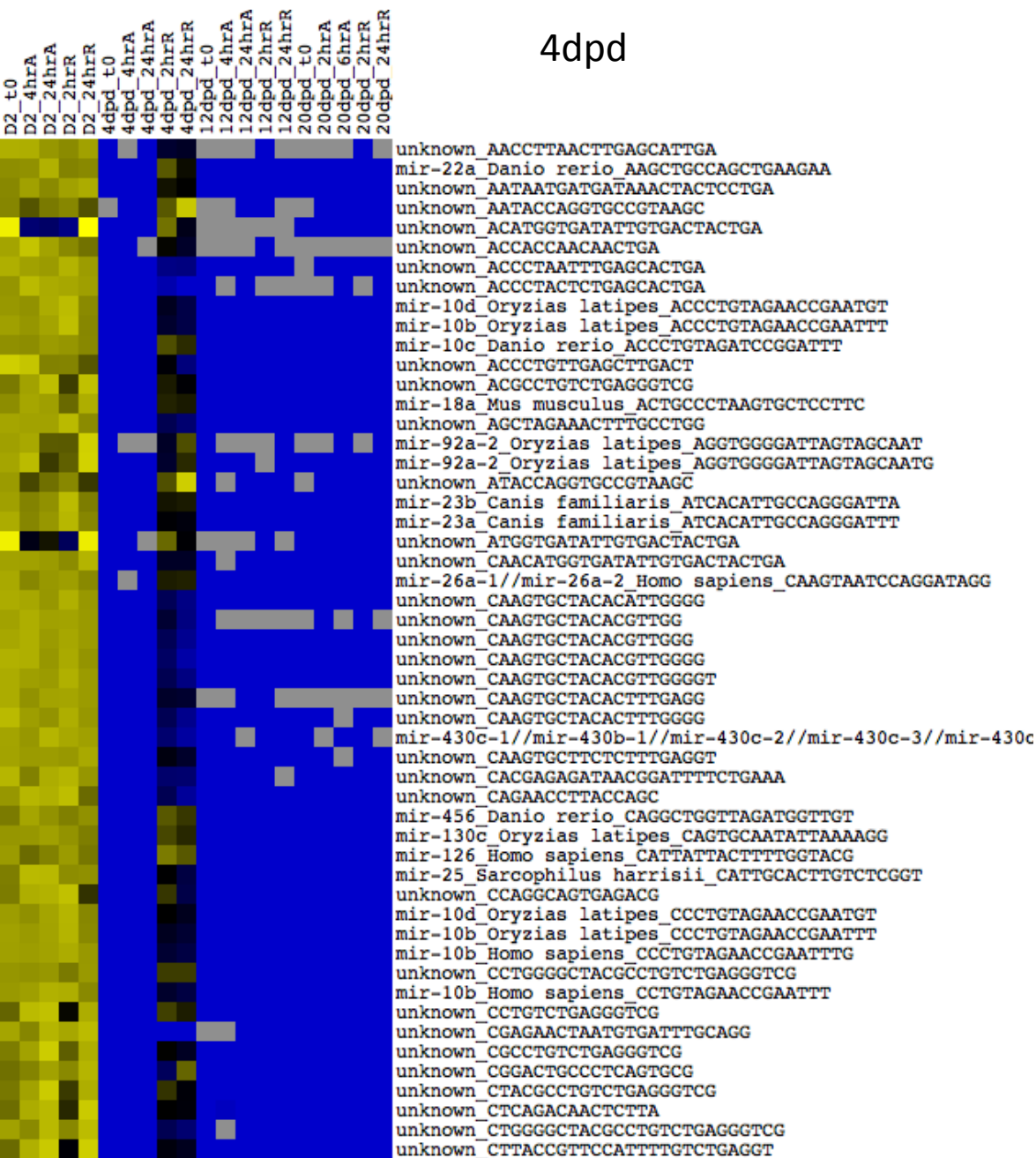


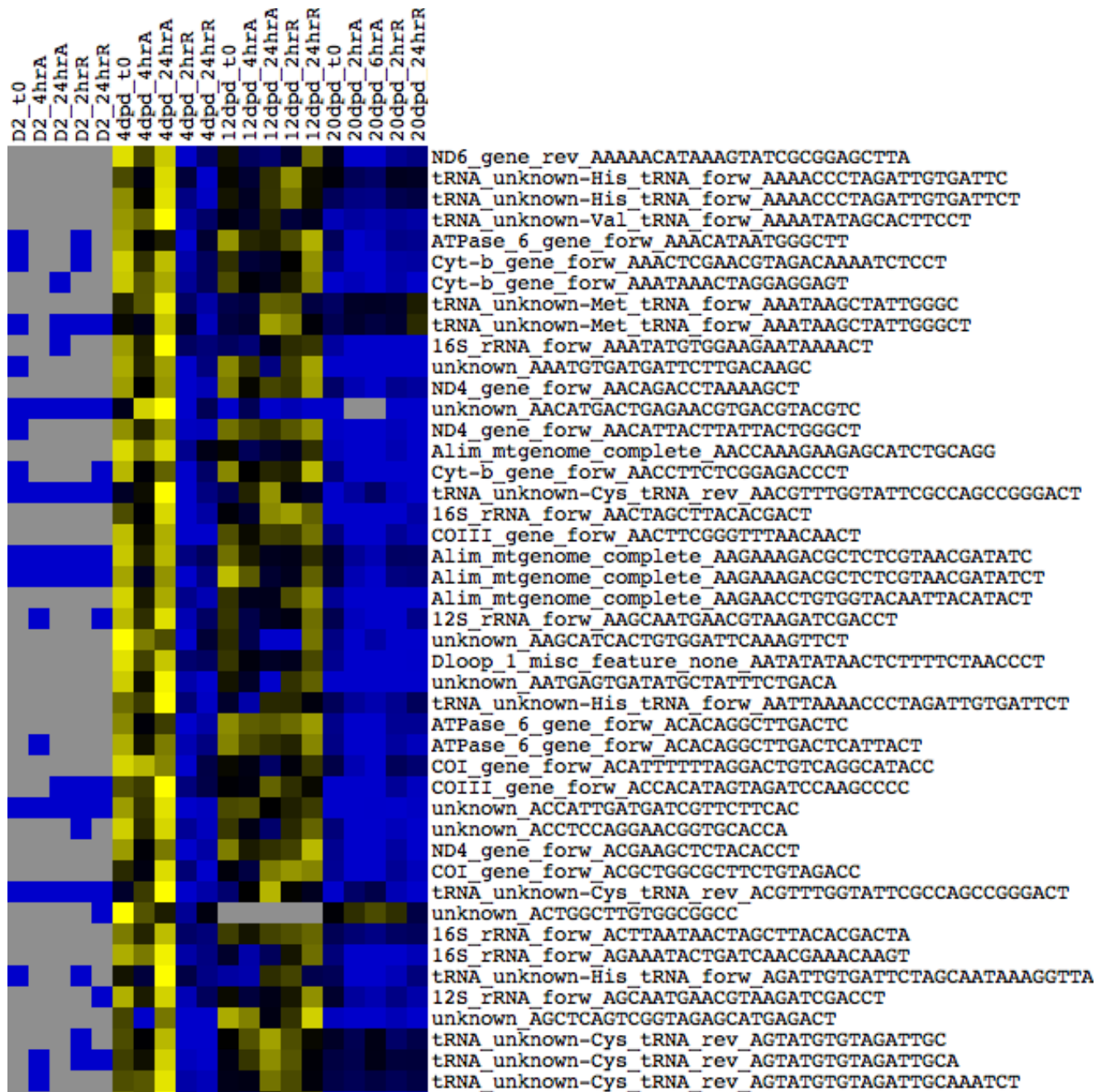
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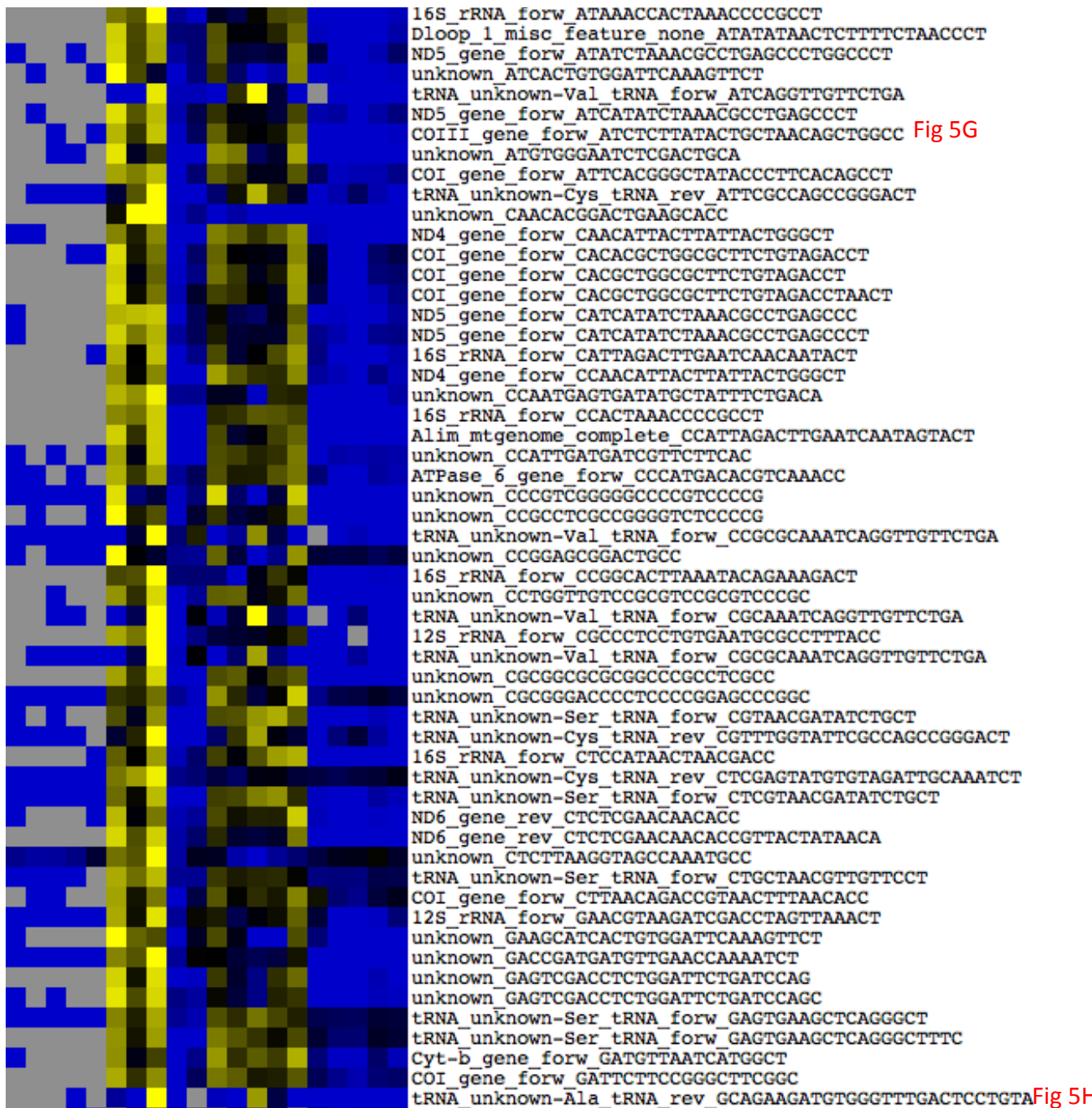


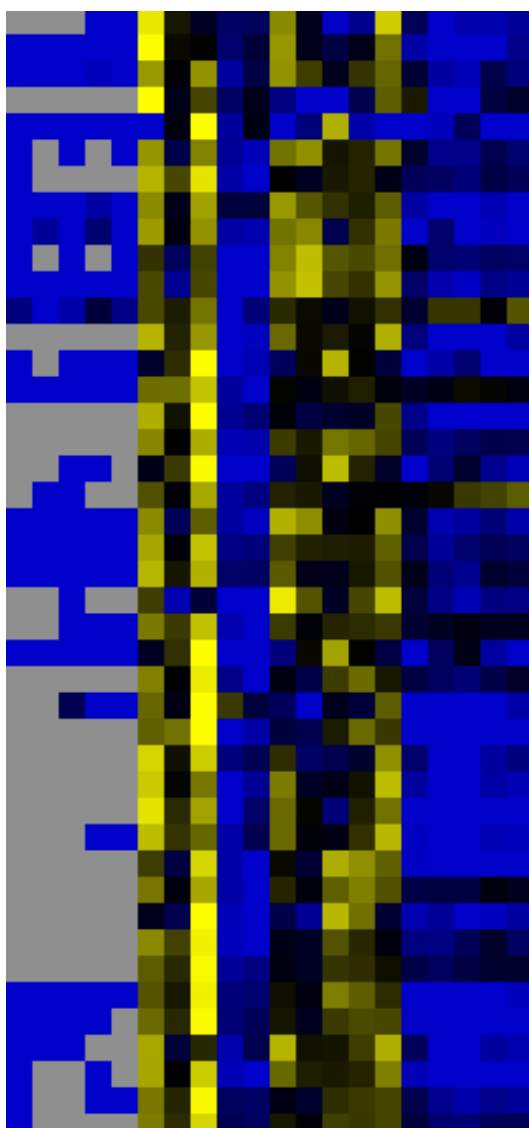
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 unknown_GATCAGATACCGTCGTAGT
 unknown_GATCCAACCTCTGA
 unknown_GATCGCGCGCGCGCGC
 unknown_GCAATGAAAGTGAAGGCCGCGC
 unknown_GCATGTGATGAAACCGTTGA
 unknown_GCCGCGCTTGACTAGC
 unknown_GCCTGTCTGAGGGTCG
 unknown_GCTACGCTGTCTGAGGGTCG
 unknown_GGATTCAACCCGCGCTCTGGG
 unknown_GGCTACGCTGTCTGAGGGTCG
 unknown_GGTGATATTGTGACTACTGA
 mir-10b-2_Danio rerio GTACCCTGTAGAACCGAATT
 mir-145_Oryzias latipes GTCCAGTTTCCAGGAATCC
 unknown_GTCGCTGAATACCGCAGCTAGGAAT
 unknown_GTGATATTGTGACTACTGA
 unknown_GTGTCCGACGCCGCGCGGAAG
 mir-27d_Oryzias latipes GTTCACAGTGGCTAAGTTC
 mir-724_Danio rerio TAAAGGGAATTGCGACTG
 unknown_TAAGTACTCTGAACTTCTCC
 mir-430c-1//mir-430b-1//mir-430c-2//mir-430c-3//mir-430c-4//mir-430c-
 unknown_TAAGTGCTGATTGTTGG
 unknown_TAAGTGCTGATTGTTGGG
 unknown_TAAGTGCTGATTGTTGGGGT
 unknown_TAATAATGATGATAAACTACTCCTGA
 mir-429_Capra hircus TAATACTGTCTGGTAATGC
 unknown_TACCCTAATTGAGCACTGA
 mir-10d_Oryzias latipes TACCCTGTAGAACCGAATGT
 mir-10b_Sarcophilus harrisii TACCCTGTAGAACCGAATTT Fig 5D
 mir-10c_Danio rerio TACCCTGTAGATCCGGATTT
 unknown_TACGCTGTCTGAGGGTCG
 mir-16_Oryzias latipes TAGCAGCACGTAATATTG
 mir-15b_Tetraodon nigroviridis TAGCAGCGCATCATGGTT
 mir-15c-1//mir-15c-2_Salmo salar TAGCAGCGCATCATGGTTT
 unknown_TAGGACATTGTCAGG
 mir-196a_Oryzias latipes TAGGTAGTTTCATGTTGTT
 mir-727_Anolis carolinensis TCAGTCTTCAGTTCCCTCCCA
 unknown_TCCTGTCTGTTTGTGCTCA
 unknown_TCGATTCCCGGGCGCGCAC
 mir-203b_Rattus norvegicus_TGAAATGTTTAGGACCA
 unknown_TGAATACGTTCCCGG
 unknown_TGACATGATGACAAAAGCTGTATGA
 unknown_TGAGGTAGTAGGTTGTATAG
 let-7g_Oryzias latipes TGAGGTAGTAGTTTGTATAG
 unknown_TGATATTGTGACTACTGA
 unknown_TGCAAACGAGCGCTG
 mir-206_Homo sapiens TGGAATGTAAGGAAGTGTGT
 unknown_TGGGCTGCTGAGATTGTGACAACTGA
 unknown_TGGTGATATTGTGACTACTGA
 mir-30f_Bos taurus TGTAACACCCCTACACTCTC
 mir-30c_Tetraodon nigroviridis TGTAACACCCCTACACTCTCG
 mir-30d_Ovis aries TGTAACATCCCGGACTG
 mir-30b_Homo sapiens TGTAACATCCTACACTCAG
 mir-30a_Tupaia chinensis TGTAACATCCTCGACTG
 mir-724_Danio rerio TTAAAGGGAATTGCGACTG
 unknown TTACCGTTCCATTTTGTCTGAGGT
 mir-26-1//mir-26-2_Anolis carolinensis TTCAAGTAATCCAGGATAGG
 mir-27c_Oryzias latipes TTCACAGTGGTTAAGTTC
 mir-204_Oryzias latipes TTCCCTTTGTCATCCTATGC
 unknown_TTTCATGATGATCTCGAAGCTCTGA
 unknown_TTTGAACCCCTTTTCTGATGA
 unknown_TTTGGTCCCTTCAACCAG
 mir-375-1//mir-375-2_Ictalurus punctatus TTTGTTCTCGGCTCGCG





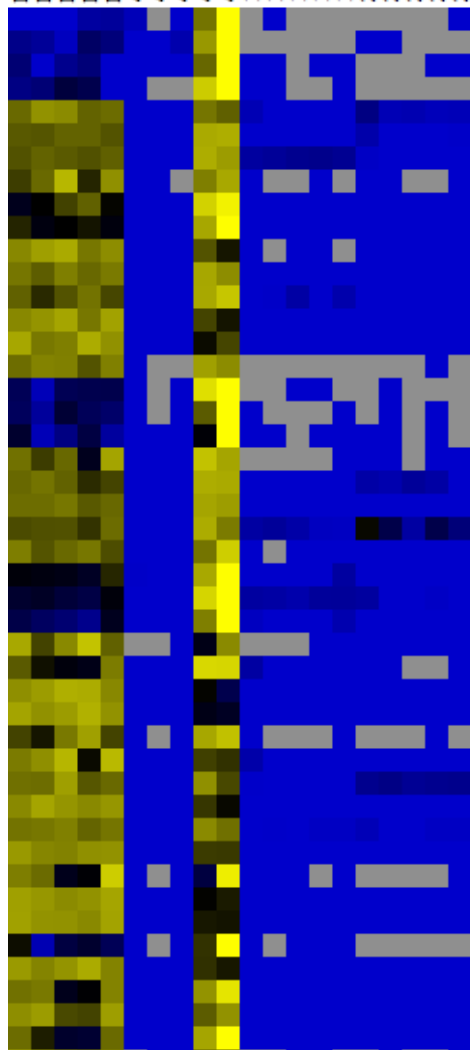


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unknown_GCCGCGAGGCGTGCCACCGTCT
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unknown_GCGGCGGCGACTTTGGACGTGTGCC
tRNA_unknown-Ser_tRNA_forw_GCTAACGTTGTTCCCTTGAGTGAAGCTC
unknown_GCTCTGGTCTAGCTCAGC
unknown_GCTCTGGTCTAGCTCAGCGGTTACT
unknown_GGCGACTTTGGACGTGTGCC
unknown_GGCGGCGACTTTGGACGTGTGCC
unknown_GGGCCCTTCTCGCGGATCTCCTCGGC
ND5_gene_forw_GGGCCTATTTTTAGCTGTGGAAC
tRNA_unknown-Cys_tRNA_rev_GGTATTCGCCAGCCGGGACT
unknown_GGTGTCCGACGCCGCGGAAGGC
12S_rRNA_forw_GTAAAACGATATAAAAACATGAAACCC
tRNA_unknown-Cys_tRNA_rev_GTATGTGTAGATTGCAAATCT
tRNA_unknown-Cys_tRNA_rev_GTATTCGCCAGCCGGGACT
unknown_GTCGGAAGCGCGGCGCGCGGCC
tRNA_unknown-Cys_tRNA_rev_GTCTCGAGTATGTGTAGATTGC
tRNA_unknown-Cys_tRNA_rev_GTCTCGAGTATGTGTAGATTGCA
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unknown_GTGGTTATCACGTTTCGCCTC
unknown_GTGTCGACGCCGCGGAAGGC
tRNA_unknown-Cys_tRNA_rev_GTTTGGTATTCGCCAGCCGGGACT
tRNA_unknown-His_tRNA_forw_TAAAACCTAGATTGTGATTCT
12S_rRNA_forw_TAAAACCTCAAAGGATTTGGCGGCGC
16S_rRNA_forw_TAAACCACTAAACCCCGCCT
Cyt-b_gene_forw_TAAACTCGAACGTAGACAAAATCTCCT
ND6_gene_rev_TAAAGTATCGCGGAGCT
unknown_TAAATGTGATGATTCTTGACAAGC
Cyt-b_gene_forw_TAACCTTCTCGGAGACCT
COIII_gene_forw_TAACTTCGGGTTTAACAAC
tRNA_unknown-Arg_tRNA_forw_TAAGTCCTTAAGTCTGCT
tRNA_unknown-Ala_tRNA_rev_TAATTAAAGTATCTGCT
tRNA_unknown-Gly_tRNA_forw_TAATTCTGGTGCACACCC
tRNA_unknown-Lys_tRNA_forw_TAATTTCGGTGTAAATC
COIII_gene_forw_TACCACATAGTAGATCCAAGCCCC
COIII_gene_forw_TACCACATAGTAGATCCAAGCCCC
Alim_mtgenome_complete_TACGCCACAACCTCGAC
Cyt-b_gene_forw_TACGCTATTTTACGCTCCGTC
16S_rRNA_forw_TACTTAATAACTAGCTTACACGACT
16S_rRNA_forw_TACTTAATAACTAGCTTACACGACT

Fig 5I

ND5_gene_forw TAGGCGCTGTAACCACATTATTTACC
COIII_gene_forw TAGTAGATCCAAGCCCCTGGCCCTC
COIII_gene_forw TAGTAGATCCAAGCCCCTGGCCCTCT
Alim_mtgenome_complete TAGTGGCCACCCCT
ND5_gene_forw TATAACAATAAAAAATATCTGCTCTCCT
ND5_gene_forw TATCTAAACGCCTGAGCCCTGGCCCT
tRNA_unknown-Cys tRNA_rev TATTCGCCAGCCGGGACT
unknown TCAGTCGGTAGAGCATGAGACT
tRNA_unknown-Cys tRNA_rev TCGCCAGCCGGGACT
unknown TCTAATCCAACCTCTGATCCT
COI_gene_forw TCTATGAACCCTAGGCT
COI_gene_forw TCTATGAACCCTAGGCTTCA
ND6_gene_rev TCTCGAACAACACCGTTACTATAACA
tRNA_unknown-Ser tRNA_forw TCTCGTAACGATATCTGCT
unknown TCTGACATGGACATCTAGG
unknown TCTGCAGCTTATTAAGCCGACCGGTCT
tRNA_unknown-Ser tRNA_forw TCTGCTAACGTTGTTCTCT
ND2_gene_forw TCTTGCAGAACTAACT
COIII_gene_forw TCTTTTAACTTCGGGTTTAACAAC
unknown TGAGTCGACCTCTGGATTCTGATCCAG
tRNA_unknown-Ser tRNA_forw TGAGTGAAGCTCAGGGCT
tRNA_unknown-Ser tRNA_forw TGAGTGAAGCTCAGGGCTTTCT
tRNA_unknown-Cys tRNA_rev TGGTATTCGCCAGCCGGGACT
Dloop_1_misc feature none TTAAAGCTCACTATAACGTCAGGAACC
COIII_gene_forw TTAACCTTCGGGTTTAACAAC
COIII_gene_forw TTATTCTCAGCTACTAACTGCC
unknown TTCCTACCGCCGGCCTTGACTAGCCT
tRNA_unknown-Cys tRNA_rev TTCGCCAGCCGGGACT
unknown TTCTAATCCAACCTCTGATCCT
Alim_mtgenome_complete TTCTCCCGCCTATTTTTT
Cyt-b_gene_forw TTCTCGGAGACCCTGAAAAC
ND4_gene_forw TTCTTGATCATTGCTTTTAGTACC
tRNA_unknown-Ala tRNA_rev TTGACTCCTGTAAGT
tRNA_unknown-Ser tRNA_forw TTGAGTGAAGCTCAGGGCT
tRNA_unknown-Ala tRNA_rev TTGCATGCAGAAGATG
tRNA_unknown-Ala tRNA_rev TTGCATGCAGAAGATGTGGGTTTGACT
COIII_gene_forw TTAACTTCGGGTTTAACAAC
Cyt-b_gene_forw TTCTGTCGACAACGT
ATPase_8_gene_forw TTTCTTCGTCGCTTTGA
tRNA_unknown-Cys tRNA_rev TTTGGTATTCGCCAGCCGGGACT
Cyt-b_gene_forw TTTTACGCTCCGTCCT
ATPase_6_gene_forw TTTTGATCAGTTTATAAGTCCCT
Ori-L_misc feature none TTTTTTTGACTAGCGGGGAGA

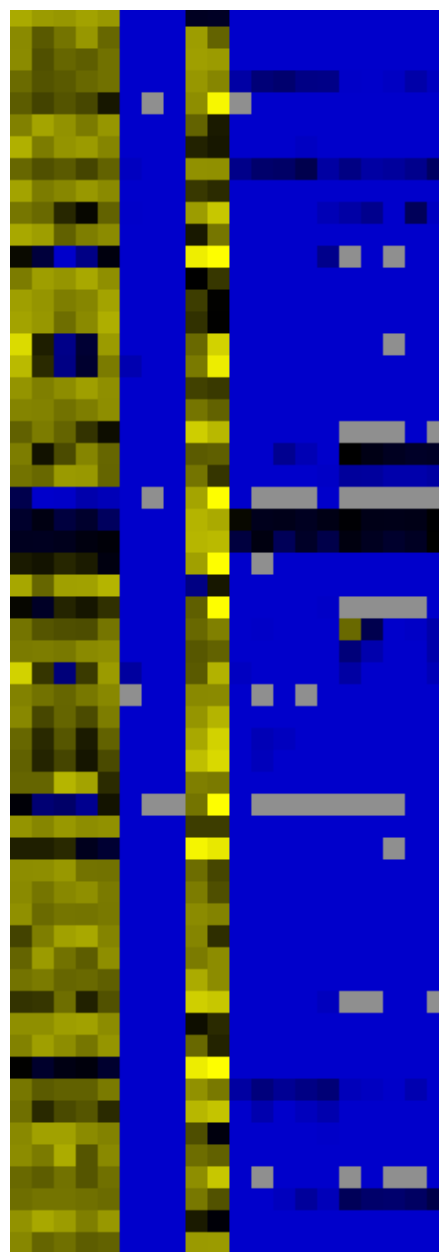
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 4dpd_24hrR
 12dpd_t0
 12dpd_4hrA
 12dpd_24hrA
 12dpd_2hrR
 12dpd_24hrR
 20dpd_t0
 20dpd_2hrA
 20dpd_6hrA
 20dpd_2hrR
 20dpd_24hrR



12S_rRNA_forw_AAAATAGAACTGGTAAATCTCGTG
 16S_rRNA_forw_AAAGCAGTTTGATCTAAAGAACGCAC
 12S_rRNA_forw_AAAATAGAACTGGTAAATCTCGTG
 ND4_gene_forw_AACATTACTTATTACTGGG
 mir-181a-1//mir-181a-2_Oryzias latipes_AACATTCAACGCTGTCCGT
 mir-181a-1//mir-181a-2_Oryzias latipes_AACATTCAACGCTGTCCGTG
 mir-181b-1//mir-181b-2_Canis familiaris_AACATTCAATGCTGTCCGTG
 unknown_AACATTGTCTGAAAC
 unknown_AACCTTCCTGGATGTCTGAGCG
 Alim_mtgenome_complete_AAGAAAGACGCTCTCGTAA
 mir-22a_Danio rerio_AAGCTGCCAGCTGAAGA
 mir-22b_Danio rerio_AAGCTGCCAGTTGAAGAGCT
 mir-2188_Danio rerio_AAGGTCCAACCTCACATGTC
 mir-152_Tetraodon nigroviridis_AAGTTCTGTGATACACTCTGA
 unknown_AATCCTGATGAACCAAACATCCTGAGC
 mir-731_Oryzias latipes_AATGACACGTTTCTCCCGG
 16S_rRNA_forw_AATGATCCAGAAATA
 Cyt-b_gene_forw_AATGCCCTGTTAGATTTACCTACGC
 COI_gene_forw_AATTAATACAAGCGTGGAGTGACTTA
 unknown_AATTTTGGACGGTCTCTACGGAGAC
 mir-199c_Bos taurus_ACAGTAGTCTGCACATTG
 mir-199-1//mir-199-2_Danio rerio_ACAGTAGTCTGCACATTGG
 mir-140_Oryzias latipes_ACCACAGGGTAGAACCCGG
 unknown_ACCAGGTGCCGTAAGC
 mir-181a-2_Danio rerio_ACCATCGACCGTTGACTGTA
 mir-181a-5_Salmo salar_ACCATCGACCGTTGACTGTG
 mir-3570_Rattus norvegicus_ACCATCGACCGTTGATTGTA
 unknown_ACCATTGATGATCGTTC
 unknown_ACCCGTGGAGGTGGAGGCTG
 mir-10b_Sarcophilus harrisii_ACCCTGTAGAACCAGAA
 mir-10b_Homo sapiens_ACCCTGTAGAACCAGAAATTG
 unknown_ACCTTCCTTGGATGTCTGAGCG
 unknown_ACGCCTGTCTGAGGGTCGC
 mir-8160//mir-8161_Salmo salar_AGAATAATGCCAGCAGTCGG
 mir-27b_Homo sapiens_AGAGCTTAGCTGATTGGTGA
 mir-103-1//mir-107//mir-103-2_Oryzias latipes_AGCAGCATTGTACAGGGCTA
 mir-222_Homo sapiens_AGCTACATCTGGCTACTGGGT
 mir-92a-1_Oryzias latipes_AGGTTGGGAGAGGTGGCAATG
 mir-203_Mus musculus_AGTGGTTCTAGACAGTTCAA
 mir-203b_Danio rerio_AGTGGTTCTCAACAGTTCAA
 ND5_gene_forw_ATAAACTCATCATATCTAAACGC
 mir-10b_Sarcophilus harrisii_ATACCCTGTAGAACCAGAAATT
 mir-2478_Bos taurus_ATCCCACTTCTGACAC
 unknown_ATCCCATCCTCGTCGC
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Fig 5E

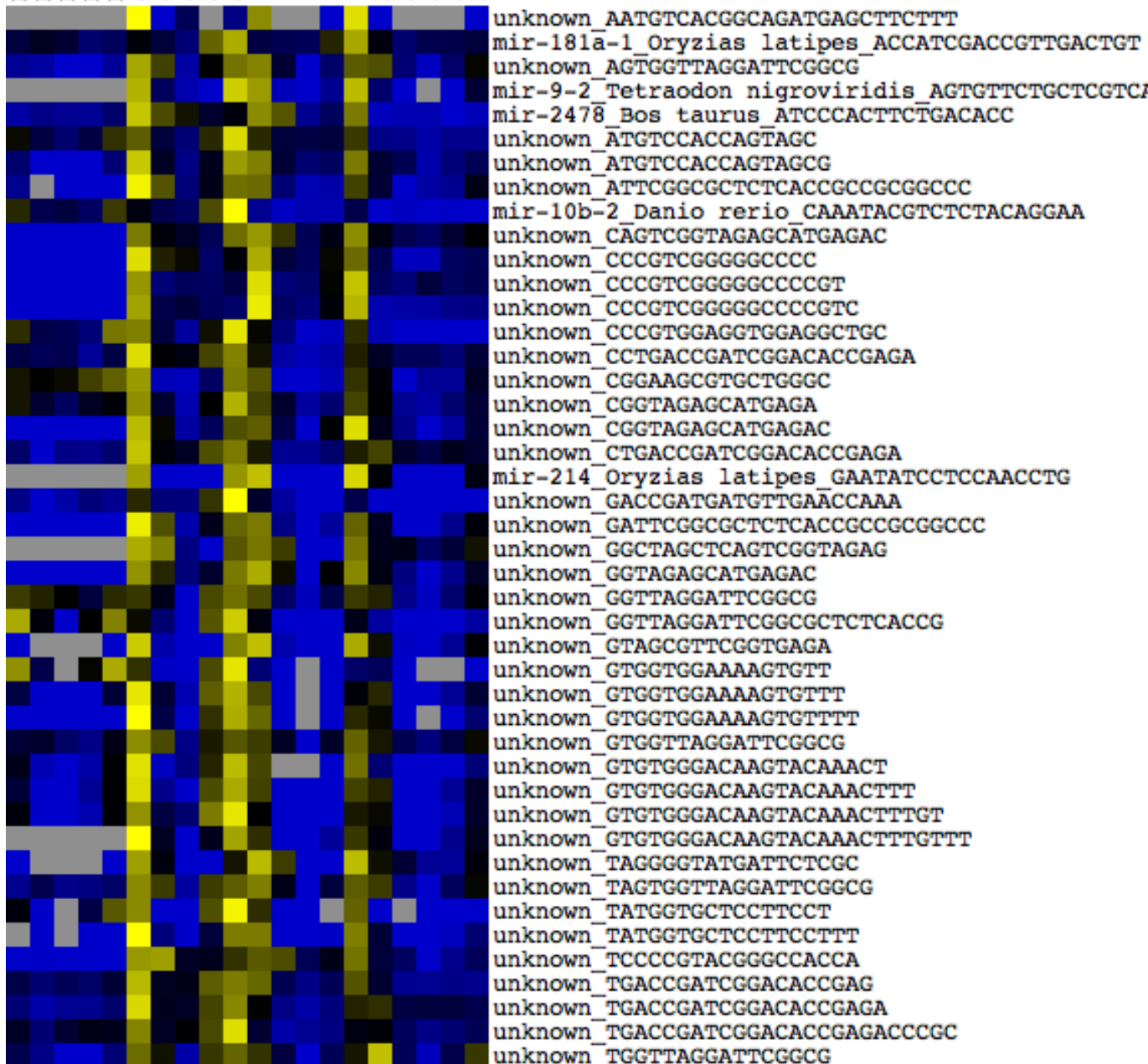
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 unknown_ATGCGGCGCGCGCGG
 mir-183-1//mir-183-2_Oryzias latipes_ATGGCACTGGTAGAATTCAC
 12S_rRNA_forw_ATTAAGCAATGAACGTAAGATCGAC
 Cyt-b_gene_forw_ATTTTACGCTCCGTC
 unknown_ATTTTACGCTCTCTACGGAGAC
 12S_rRNA_forw_CAAAATAGAACTGGTAAATCTCGTG
 mir-17_Oryzias latipes_CAAAGTGCTTACAGTGCAG
 unknown_CAACCTTCCTTGGATGTCTGAGCG
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 unknown_CAAGTGCTACACTTTGAGGT
 unknown_CAAGTGCTACACTTTGGGGT
 Dloop_1_misc_feature_none_CACAGAACAACCTGGG
 unknown_CACCTTGCTCGCTGTAG
 mir-199-1//mir-199-2_Danio rerio_CAGTAGCTGCACATTGG
 mir-301c_Danio rerio_CAGTGCAATAGTATTGTCATA
 unknown_CATAATCTGAAGGTCGTGA
 mir-3570_Rattus norvegicus_CATCGACCGTTGATTGTA
 mir-126_Taeniopygia guttata_CATTATTACTTTTGGTAC
 mir-181a-1//mir-181a-2_Canis familiaris_CATTCAACGCTGTCCGGT
 unknown_CCACAACAAATCTGAGAC
 unknown_CCAGGCAGTGAGACGG
 unknown_CCAGGTGCCGTAAGC
 mir-3570_Rattus norvegicus_CCATCGACCGTTGATTGTA
 unknown_CCATTTGTCTGAGGT
 mir-125a-1//mir-125a-2_Danio rerio_CCCTGAGACCCCTTAACCTGT
 unknown_CCGCCTCGCCGGGGTCTCCC
 unknown_CCGTCGGAAGCGCGGCGCGCGGC
 unknown_CCTCGCGCGGGCGGTGTCCG
 mir-10b_Ovis aries_CCTGTAGAACCGAATTTG
 unknown_CGATTCCCGGGCGCGCAC
 unknown_CGCCTGTCTGAGGGTC
 unknown_CGGCGACTTTGGACGTGTG
 unknown_CGGCGGCGACTTTGGACGTGTG
 unknown_CGGTCCCCTGCGGAGCG
 unknown_CTAATGGATAAGGCAC
 unknown_CTACGCCTGTCTGAGGGTC
 16S_rRNA_forw_CTGACACATGTTCAACGG
 unknown_CTGCGTTCGCGCTCTCCCC
 tRNA_unknown-Ser_tRNA_forw_CTGCTAACGTTGTTC
 mir-10b_Homo sapiens_CTGTAGAACC GAATTTG
 unknown_CTGTGACCGGAGCGGACTGC
 unknown_CTGTTGTGATGAACCTT
 unknown_CTGTTGTGATGAACCTAT
 ND5_gene_forw_CTTAACATGCTGGG
 mir-30e_Oryzias latipes_CTTTCAGTCGGATGTTTG
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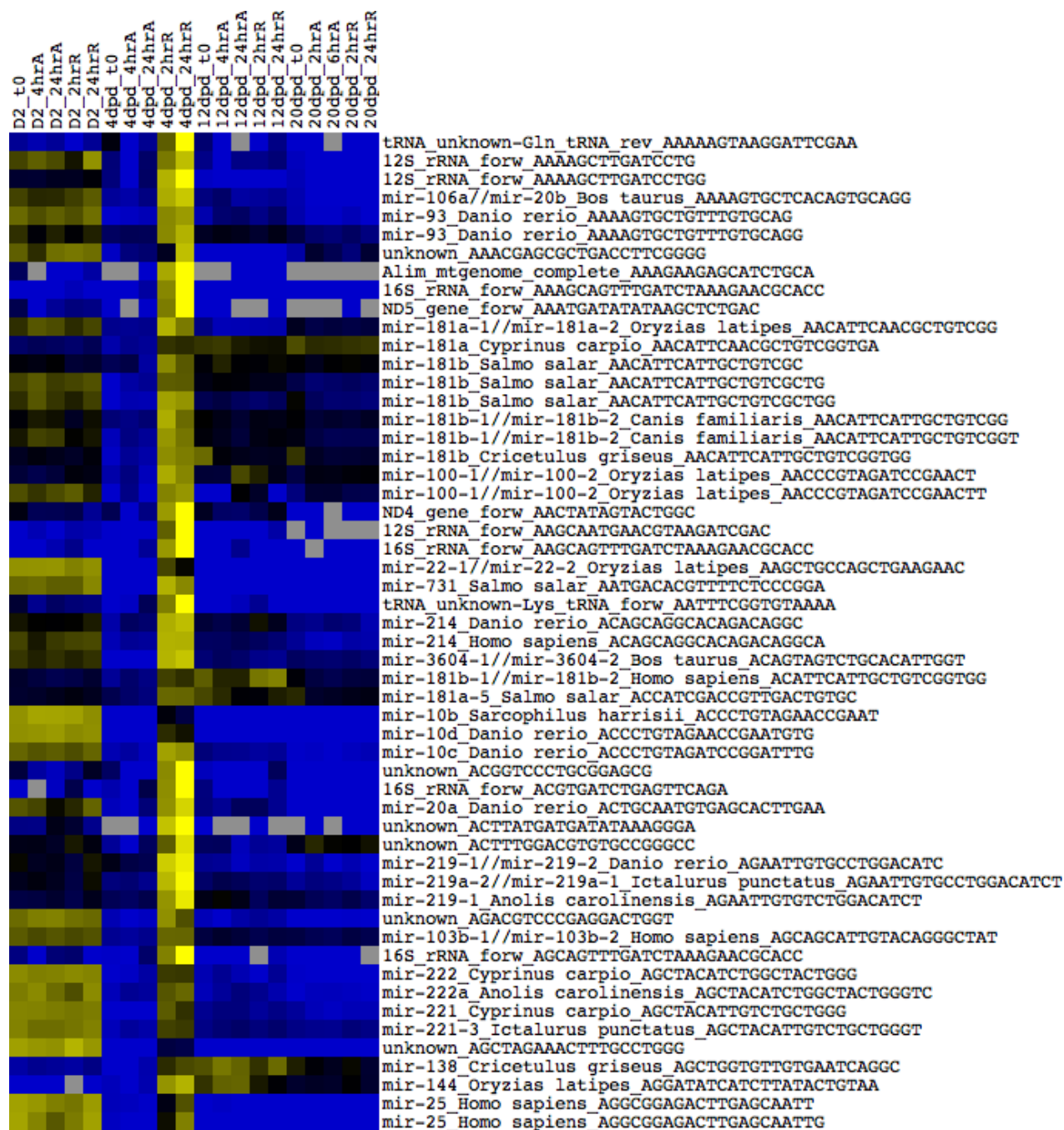


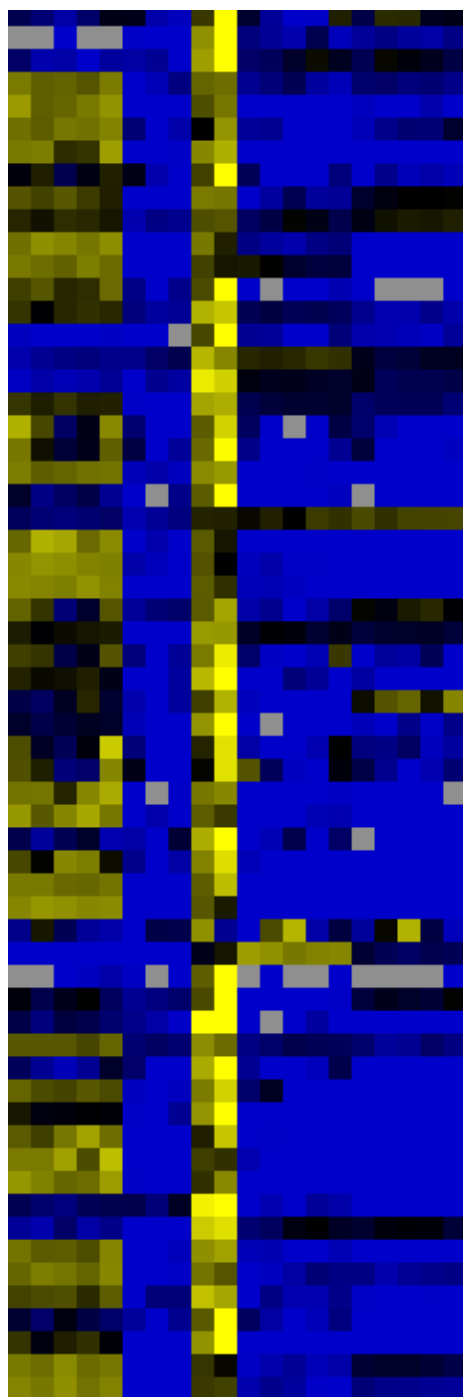
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 mir-183-1//mir-183-2 *Oryzias latipes* TATGGCACTGGTAGAATTCA
 mir-135b *Danio rerio* TATGGCTTTTATTCCTATC
 mir-455-1//mir-455-2 *Danio rerio* TATGTGCCCTTGGACTACAT
 tRNA unknown-Cys tRNA_rev TATGTGTAGATTGCAAAAT
 mir-92a *Sarcophilus harrisii* TATTGCACCTGTCCCGGCCT
 mir-26a-1//mir-26a-2 *Homo sapiens* TCAAGTAATCCAGGATAGG
 mir-148 *Oryzias latipes* TCAGTGCATTACAGAACTT
 mir-338-1//mir-338-2//mir-338-3 *Oryzias latipes* TCCAGCATCAGTGATTTTG
 mir-3963 *Mus musculus* TCCCACTTCTGACAC
 unknown TCCCATATGGTCTAGCGGTTAGGATTC
 unknown TCCCGGTACGGGCCAC
 unknown TCCTCACC GCCCGCCTTGACTAGC
 mir-205 *Cricetulus griseus* TCCTTCATTCCACCGGAGT
 mir-205 *Cricetulus griseus* TCCTTCATTCCACCGGAGTC
 unknown TCGGTAGAGCATCAG
 unknown TCGGTAGAGCATGAG
 mir-126 *Sarcophilus harrisii* TCGTACCGTGAGTAATAAT
 unknown TCTAAAGGTCTTTGGTCTCA
 tRNA unknown-Ser tRNA_forw TCTGCTAACGTGTGTC
 mir-146a *Danio rerio* TGAGAACTGAATCCATAGAT
 mir-143 *Oryzias latipes* TGAGATGAAGCACTGTAG
 ND5 gene_forw TGAGGAAGCATCCTTGCTGGA
 let-7i *Sus scrofa* TGAGGTAGTAGTTTGTGCTG
 let-7j *Danio rerio* TGAGGTAGTTGTTGTACAG
 tRNA unknown-Ser tRNA_forw TGAGTGAAGCTCAGGG
 unknown TGCAAACGAGCGCTGACCTTCGGGG
 unknown TGCGTTCGCGCTCTCCCC
 mir-1b *Mus musculus* TGAATGTAAGAAGTATGT
 mir-122 *Homo sapiens* TGGAGTGTGACAAATGGTGT
 unknown TGGTTAGGATTCGGCGCTCTCACCG
 mir-194 *Oryzias latipes* TGTAAACAGCAACTCCATGTG
 mir-19d *Oryzias latipes* TGTGCAAAACCATGCAAAAC
 mir-19b-1 *Oryzias latipes* TGTGCAAAATCCATGCAAAAC
 mir-19a *Taeniopygia guttata* TGTGCAAAATCTATGCAAAAGC
 unknown TGTTGTGATGAACTAT
 unknown TTAAGACTAGCTGAAAT
 mir-499a *Homo sapiens* TTAAGACTTGCACTGATGT
 tRNA unknown-Arg tRNA_forw TTAAGTCCTTAACTG
 mir-27d *Oryzias latipes* TTCACAGTGGCTAAGTT
 mir-27d *Oryzias latipes* TTCACAGTGGCTAAGTTT
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 unknown TTCCCGGGCGGCGCA
 unknown TTCCCGGGCGGCGCAC
 mir-204 *Oryzias latipes* TTCCCTTTGTCATCCTATG
 unknown TTCCTTGATGTCTGAGCG
 unknown TTGCACTGACTTTGAACCTGATTGGTC
 unknown TTGCACTTGTCCTCGGCCT
 mir-153 *Canis familiaris* TTGCATAGTCACAAAAGTGA
 unknown TTGGTCCCTTCAACCAGCT
 mir-218-1//mir-218-2 *Homo sapiens* TTGTGCTTGATCTAACCAT
 mir-30e *Oryzias latipes* TTTCACTCGGATGTTTGCA
 unknown TTTCCGCTCTAGCTGA
 mir-301a-1 *Salmo salar* TTTGACAATGTTGCACTA
 mir-182 *Danio rerio* TTTGGCAATGGTAGAACTCA
 mir-375 *Homo sapiens* TTTGTTTCGTTCCGCTCGCGT
 mir-722 *Danio rerio* TTTTGAGAAACGTTTCAGA

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 16S_rRNA_forw GACACATGTTCAACGG
 unknown_GACCCCCCGCGTCCCGG
 unknown_GATTCGGCGCTCTCACCGCCGCGC
 unknown_GCCCGCATCTCCAC
 mir-130c_Oryzias latipes GCCCTTTTCTGTTGACTA
 unknown_GCGACTTTGGACGTGTG
 unknown_GCGGCGACTTTGGACGTGTG
 unknown_GCGGCGCGGACTTTGGACGTGTG
 unknown_GCGTTCGCGCTCTCCCC
 unknown_GCGTTGGTGGTATAGTGGTTAGCATA
 mir-19a_Danio rerio GCTAGTTTGCATAGTTGCA
 unknown_GCTCTGGTCTAGCTCA
 mir-130c-1//mir-130c-2_Ictalurus punctatus_GCTCTTTTCTGTTGTACTA
 mir-2188_Danio rerio GCTGTGTGAGGTTAGACCTA
 unknown_GGCGACTTTGGACGTGTG
 unknown_GGCGGCGACTTTGGACGTGTG
 unknown_GGGGTCTCCCCGTCCCCGG
 mir-10b_Cyprinus carpio GTACCCTGTAGAACCGAATT
 unknown_GTCCACCGGAGTCGC
 unknown_GTCGGAAGCGCGCGCGCGG
 tRNA_unknown-Cys tRNA_rev GTCTCGAGTATGTGTAGATTGCAAAT
 unknown_GTTTACGGCCATACCCCTGAACAG
 mir-737_Ophiophagus hanunknownh GTTTTTTTAGGTTTTGATTT
 mir-9-3_Ophiophagus hanunknownh TAAAGCTAGAGAACCGAATG
 mir-462_Danio rerio_TAACGGAACCCATAATGCAG
 mir-462_Danio rerio_TAACGGAACCCATAATGCAGC
 12S_rRNA_forw_TAAGCAATGAACGTAAGATCGAC
 16S_rRNA_forw_TAAGGAAGTATACTATATGG
 mir-18a_Salmo salar_TAAGGTGCATCTAGTGTAGT
 mir-200b_Sarcophilus harrisii_TAATACTGCCTGGTAATGAT
 mir-199c_Bos taurus TACAGTAGTCTGCACATGG
 unknown_TACCAGGTGCCGTAAGC
 unknown_TACGCCTGTCTGAGGGTC
 16S_rRNA_forw_TACTTAATAACTAGCTTACACGA
 mir-16a_Anolis carolinensis TAGCAGCACGTAATATTGG
 mir-21-1//mir-21-2_Oryzias latipes_TAGCTTATCAGACTGGTGTT
 mir-21-1//mir-21-2_Oryzias latipes_TAGCTTATCAGACTGGTGTTG

D2_t0
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 D2_24hrA
 D2_2hrR
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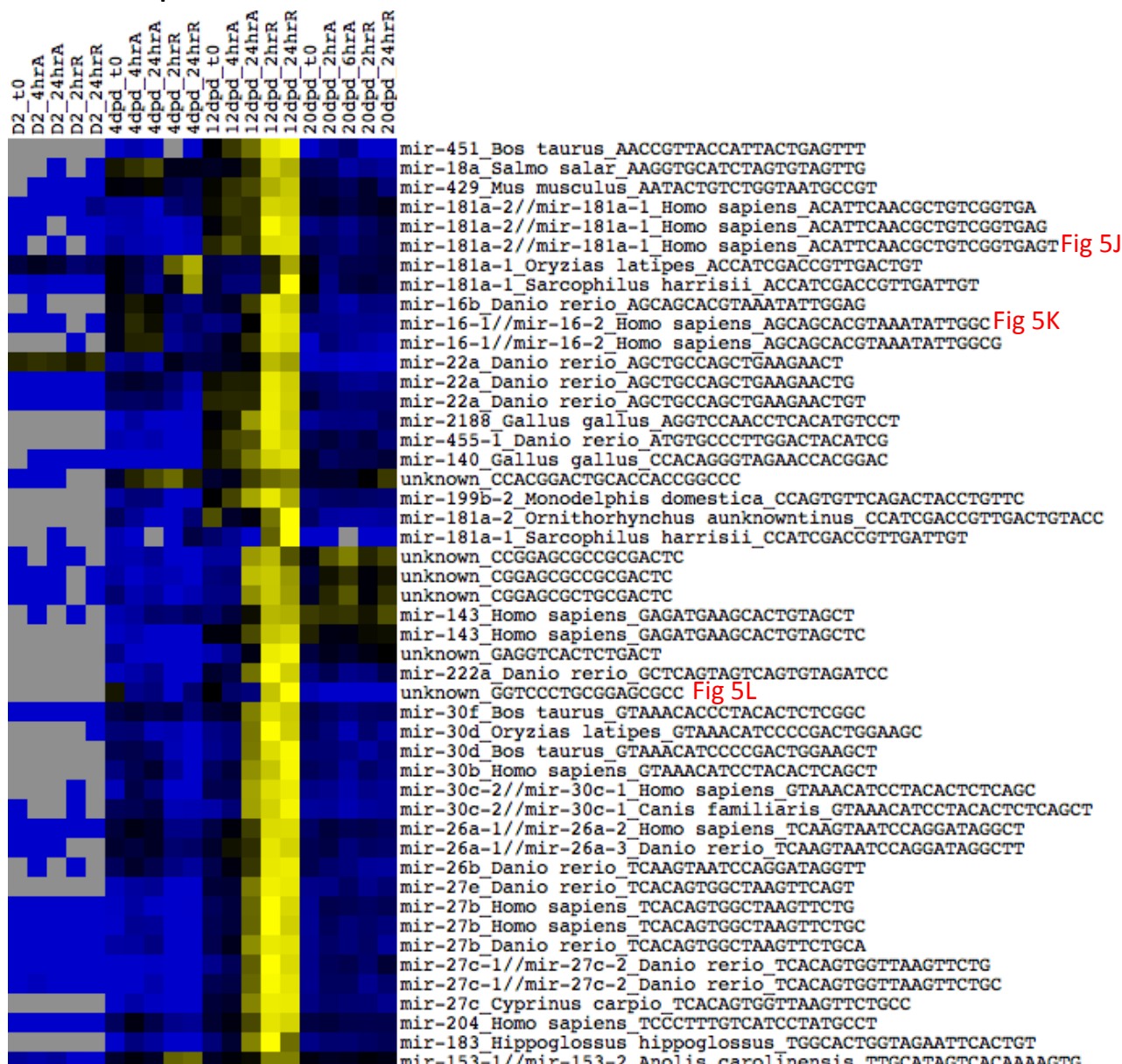


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 mir-9-3_Ophiophagus hanunknownh ATAAAGCTAGAGAACCGAATG
 mir-9b-3//mir-9b-1//mir-9b-2 Rattus norvegicus ATAAAGCTAGATAACCGAAA
 mir-23b_Ovis aries ATCACATTGCCAGGGATTAC
 mir-23a_Monodelphis domestica ATCACATTGCCAGGGATTTC
 unknown ATCAGATACCGTCGTAGT
 mir-1260_Cricetulus griseus ATCCCACCCTGCCAC
 mir-3963_Mus musculus ATCCCACCTCTGACA
 mir-215_Homo sapiens ATGACCTATGAATTGACA
 mir-192_Danio rerio ATGACCTATGAATTGACAGC
 unknown ATTGCACTTGTCCCGCCT
 mir-25_Homo sapiens ATTGCACTTGTCTCGGTCT
 12S_rRNA_forw ATTTAAATAAAGCTGAAC
 mir-17_Oryzias latipes CAAAGTGCTTACAGTGCAGG
 mir-100_Tetraodon nigroviridis CAAGCTCGTATCTATAGGTA
 mir-181c_Danio rerio CACATTCTATGCTGTCCGGTG
 mir-181c_Danio rerio CACATTCTATGCTGTCCGGTGG
 mir-3604-1//mir-3604-2_Bos taurus CAGTAGTCTGCACATTGGT
 unknown_CAGTCGGTAGAGCATCAG
 unknown_CAGTCGGTAGAGCATGAG
 mir-130c_Oryzias latipes CAGTGCAATATTAAAAGGG
 COIII gene forw CATAGTAGATCCAAG
 mir-181a-2//mir-181a-1_Homo sapiens CATTCAACGCTGTCCGGTGA
 mir-25_Sarcophilus harrisii CATTGCACTTGTCTCCGG
 mir-25_Sarcophilus harrisii CATTGCACTTGTCTCCGGTC
 mir-25_Sarcophilus harrisii CATTGCACTTGTCTCCGGTCT
 unknown_CCATATGGTCTAGCGGTAGGATTCC
 mir-199a-1//mir-199a-2_Anolis carolinensis CCCAGTGTTTCTAGACTACCTGT
 unknown_CCCGGGTTTCCGGCAC
 tRNA_unknown-His tRNA_forw CCCTAGATTGTGATT
 unknown_CCGGAGCGGACTGCCCTCAGTGCG
 unknown_CCTCCCCCGCCGTCGGA
 unknown_CGACCGGAGCGGACTGC
 mir-128-1_Salmo salar CGGGGCCGGGACGCTGTCTGA Fig 5F
 unknown_CGGGTCTCTCCGCGCGGG
 mir-126_Ophiophagus hanunknownh CGTACCGTGAGTAATAATG
 Alim_mtgenome complete CTAAAAGTTTTCACAAGCAC
 tRNA_unknown-Cys tRNA_rev CTCGAGTATGTGTAGATTGCAAAAT
 unknown_CTGTGTGATGATCGATTAAAACTGA
 mir-30e_Oryzias latipes CTTTCAGTCGGATGTTTGCA
 unknown_CTTTCCGTCGTGACA
 unknown_CTTTGTTTATCTAGCTGTAT
 12S_rRNA_forw GAAGATCTAACAGTAGGCGAGATCGGC
 unknown_GAGAAGACGATCGAACTTGA
 mir-219-2_Danio rerio GAGAATTGTGCCTGGACATC
 unknown_GAGACGTCCCAGGACTGGT
 unknown_GAGTGTCCGGCCGGGGC
 unknown_GCATTGGTGGTTCAGTGGTAGAAT
 unknown_GCATTGGTGGTTCAGTGGTAGAATT
 unknown_GCGACTTTGGACGTGTGCCG
 unknown_GCTACGCCTGTCTGAGGGTCGC
 mir-301_Fugu rubripes GCTTTGACAATGTTGCACTA
 mir-219-3_Danio rerio GGAGTTGTGGATGGACATCAC
 mir-144_Oryzias latipes GGATATCATCTTACTGTAA
 unknown_GGGTTCGATTCCCGGTCAGGGAAC
 mir-30a_Homo sapiens GTAAACATCTCGACTGGAAG
 mir-462_Oryzias latipes GTAACGGAACCCATAATGCAG
 tRNA_unknown-Cys tRNA_rev GTCTCGAGTATGTGTAGATTGCAAA
 tRNA_unknown-Cys tRNA_rev GTCTCGAGTATGTGTAGATTGCAAA
 mir-203b_Rattus norvegicus GTGAAATGTTTAGGACCA
 mir-203b_Homo sapiens GTGAAATGTTTAGGACCA

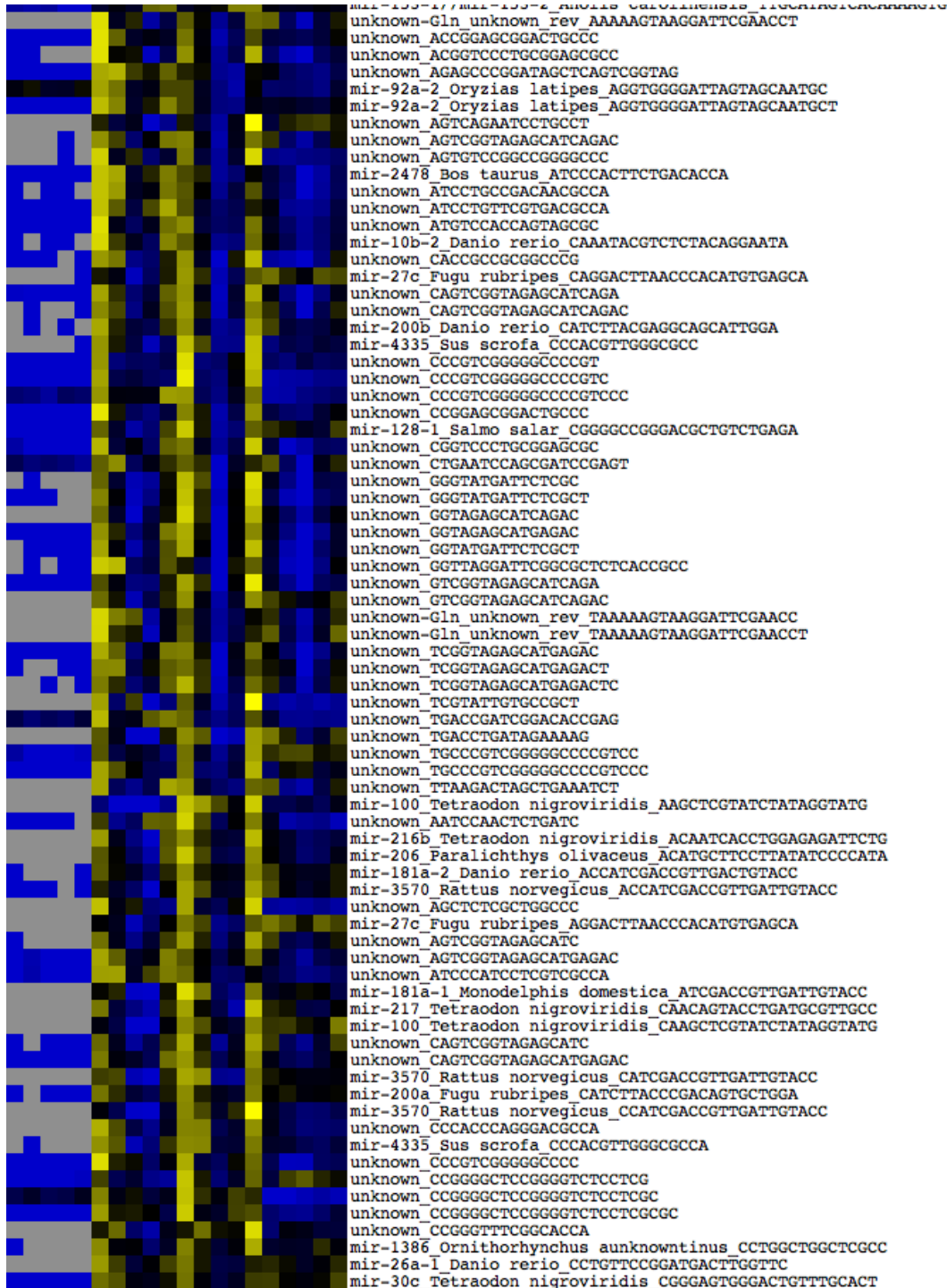
mir-203b *Rattus norvegicus* GTGAAATGTTTAGGACCACT
 unknown GTGTGGGACAAGTACAACTTTG
 mir-27b *Homo sapiens* GTTCACAGTGGCTAAGTTCT
 unknown GTTCGCGCTCTCCCC
 unknown GTTCCGCTAGTGTAGTGGTTA
 tRNA unknown-Gln tRNA rev TAAAAAGTAAGGATTTCGAA
 mir-9-3 *Ophiophagus hannah* TAAAGCTAGAGAACCGAAT
 mir-9-17/mir-9-4 *Ophiophagus hannah* TAAAGCTAGATAACCGAAAG
 mir-106a *Oryzias latipes* TAAAGTGCTTACAGTGCAGG
 mir-106a *Oryzias latipes* TAAAGTGCTTACAGTGCAGG
 mir-20a-1//mir-20a-2 *Oryzias latipes* TAAAGTGCTTATAGTGCAG
 mir-20a-1//mir-20a-2 *Ornithorhynchus annectans* TAAAGTGCTTATAGTGCAGG
 mir-20a-1//mir-20a-2 *Oryzias latipes* TAAAGTGCTTATAGTGCAGG
 mir-734 *Salmo salar* TAAATGCTGCAGAAATTGTC
 mir-200a *Sarcophilus harrisii* TAACACTGTCTGGTAACGA
 mir-200a *Oryzias latipes* TAACACTGTCTGGTAACGAT
 unknown TAAGCCTTCATTCTTCCCGG
 unknown TAAGGCACGCGGTGAATG
 unknown TAAGGCACGCGGTGAATG
 mir-18b *Capra hircus* TAAGGTGCATCTAGTGCAG
 mir-18a *Salmo salar* TAAGGTGCATCTAGTGTAG
 unknown TAAGTGCTGATTGTTGGTG
 unknown TAAGTGCTGATTGTTGGTGT
 mir-429 *Monodelphis domestica* TAATACTGTCTGGTAATGCC
 ATPase 6 gene forw TAATCACCACACAGGCTTGACTCATT
 mir-216b *Danio rerio* TAATCTCTGCAGGCAACTGT
 mir-3120 *Homo sapiens* TACAGCAGGCACAGACAGGC
 mir-3120 *Homo sapiens* TACAGCAGGCACAGACAGGCA
 mir-3604-1//mir-3604-2 *Bos taurus* TACAGTAGTCTGCACATTGGT
 mir-10b *Sarcophilus harrisii* TACCCTGTAGAACCGAAT
 mir-10d *Danio rerio* TACCCTGTAGAACCGAATG
 mir-10d *Danio rerio* TACCCTGTAGAACCGAATGTG
 mir-10b *Sarcophilus harrisii* TACCCTGTAGAACCGAAT
 mir-10b *Homo sapiens* TACCCTGTAGAACCGAATTG
 mir-10c *Danio rerio* TACCCTGTAGATCCGGAT
 mir-10c *Danio rerio* TACCCTGTAGATCCGGATT
 mir-10c *Danio rerio* TACCCTGTAGATCCGGATTG
 unknown TACCCTGTAGATCCCTG
 Alim_mtgenome_complete TACGCCACAACCTCGA
 unknown TACGCTGTCTGAGGTCGC
 mir-217 *Danio rerio* TACTGCATCAGGAACCTGATT
 mir-217 *Homo sapiens* TACTGCATCAGGAACCTGATTG
 mir-15a *Oryzias latipes* TAGCAGCACGGAATGGTTT
 mir-15a *Oryzias latipes* TAGCAGCACGGAATGGTTTG
 mir-16a *Anolis carolinensis* TAGCAGCACGTAATATT
 mir-183-1//mir-183-2 *Oryzias latipes* TATGGCACTGGTAGAATTCAC
 mir-135b *Danio rerio* TATGGCTTTTATTCTATCT
 mir-455-2 *Danio rerio* TATGTGCCCTTGGACTACA
 mir-92a *Sarcophilus harrisii* TATGCACTTGTCCCGG
 mir-92a *Sarcophilus harrisii* TATGCACTTGTCCCGG
 mir-92a *Sarcophilus harrisii* TATGCACTTGTCCCGG
 mir-128 *Oryzias latipes* TCACAGTGAACCGGTCTC
 mir-128-1//mir-128-2 *Homo sapiens* TCACAGTGAACCGGTCTCT
 mir-148 *Oryzias latipes* TCAGTGCATTACAGAACCTT
 unknown TCCATCACTGTGTGCTCTCA
 mir-1260 *Cricetulus griseus* TCCACCGCTGCCAC
 unknown TCCCATATGGTCTAGCGGTAGGA
 unknown TCCCATATGGTCTAGCGGTAGGATT
 mir-2898 *Bos taurus* TCCCGGCATCTCCA
 unknown TCCCGGCGCGGCAC

mir-125b *Capra hircus* TCCCTGAGACCCTAACTTGT
 mir-125a-1//mir-125a-2 *Danio rerio* TCCCTGAGACCCTTAACCT
 mir-125a-1//mir-125a-2 *Danio rerio* TCCCTGAGACCCTTAACCTG
 mir-125a-1//mir-125a-2 *Danio rerio* TCCCTGAGACCCTTAACCTGT
 unknown TCCCTGGTGGTCTAGTGGTATAGGAT
 unknown TCCGGGTGCCCCCTC
 mir-205 *Cricetulus griseus* TCCTTCATTCCACCGGAG
 tRNA unknown-Cys tRNA rev TCGAGTATGTGTAGATTGCAAAAT
 unknown TCGATTCCCGGGCGCGCGCA
 unknown TCGGTAGAGCATGAGA
 mir-126 *Ophiophagus hanunknownh* TCGTACCGTGAGTAATAATG
 mir-139 *Oryzias latipes* TCTACAGTGCATGTGTCTCCA
 unknown TCTCGCGGATCTCCTCGG
 unknown TCTTTGGTTATCTAGCT
 unknown TCTTTGGTTATCTAGCTG
 unknown TCTTTGGTTATCTAGCTGT
 mir-203b *Homo sapiens* TGAAATGTTTAGGACCAC
 mir-203b *Homo sapiens* TGAAATGTTTAGGACCACT
 mir-203a *Danio rerio* TGAAATGTTTAGGACCACTT
 mir-143 *Homo sapiens* TGAGATGAAGCACTGTAGC
 let-7d-1//let-7d-2 *Danio rerio* TGAGGTAGTTGGTTGTATG
 let-7d-1//let-7d-2 *Danio rerio* TGAGGTAGTTGGTTGTATG
 mir-190a *Homo sapiens* TGATATGTTGATATATTAGGT
 tRNA unknown-Ala tRNA rev TGCAGAAGATGTGGGTTTGA
 tRNA unknown-Ala tRNA rev TGCAGAAGATGTGGGTTTGA
 mir-222a-1//mir-222a-2 *Salmo salar* TGCTCAGTAGGCAGTGTAGATC
 mir-222a *Ictalurus punctatus* TGCTCAGTAGTCAGTGTAGAT
 mir-222a *Danio rerio* TGCTCAGTAGTCAGTGTAGAT
 mir-184 *Homo sapiens* TGGACGGAGAACTGATAA
 mir-184 *Tetraodon nigroviridis* TGGACGGAGAACTGATAAG
 mir-184 *Homo sapiens* TGGACGGAGAACTGATAAG
 mir-30c *Danio rerio* TGTAACATCCTACACTCTC
 mir-30c *Anolis carolinensis* TGTAACATCCTACACTCTCA
 mir-30c *Danio rerio* TGTAACATCCTACACTCTCAG
 unknown TGTAGATAGCTCTTGAACG
 mir-19d *Danio rerio* TGTGCAAAACCCATGCAAAACT
 mir-19b *Anolis carolinensis* TGTGCAAAATCCATGCAAAACT
 mir-19b *Anolis carolinensis* TGTGCAAAATCCATGCAAAAGCT
 mir-19a *Homo sapiens* TGTGCAAAATCTATGCAAAACT
 mir-19a *Taeniopygia guttata* TGTGCAAAATCTATGCAAAAGCT
 mir-155 *Taeniopygia guttata* TTAATGCTAATCTGTATAGGG
 Alim mtgenome complete TTACGCCACAACCTCGA
 Alim mtgenome complete TTATACTCGGGGCGAGACGTTTTG
 mir-26a-1//mir-26a-2 *Homo sapiens* TTCAAGTAATCCAGGAT
 mir-26-1//mir-26-2 *Anolis carolinensis* TTCAAGTAATCCAGGATA
 mir-26-1//mir-26-27//mir-26-3 *Oryzias latipes* TTCAAGTAATCCAGGATAG
 mir-27b *Homo sapiens* TTCACAGTGGCTAAGTTCT
 mir-27c-1//mir-27c-2 *Danio rerio* TTCACAGTGGTTAAGTTCT
 COIII gene forw TTCCTCCGGTGTACTGTAA
 mir-184 *Homo sapiens* TTGGACGGAGAACTGATAAGG
 unknown TTGGTCCCTTCAACCAGC
 mir-218b *Oryzias latipes* TTGTGCTTGATCTAACCATG
 mir-182 *Homo sapiens* TTGGCAATGGTAGAACT
 mir-182 *Capra hircus* TTGGCAATGGTAGAACT
 unknown TTGGTCCCTTCAACCAGC

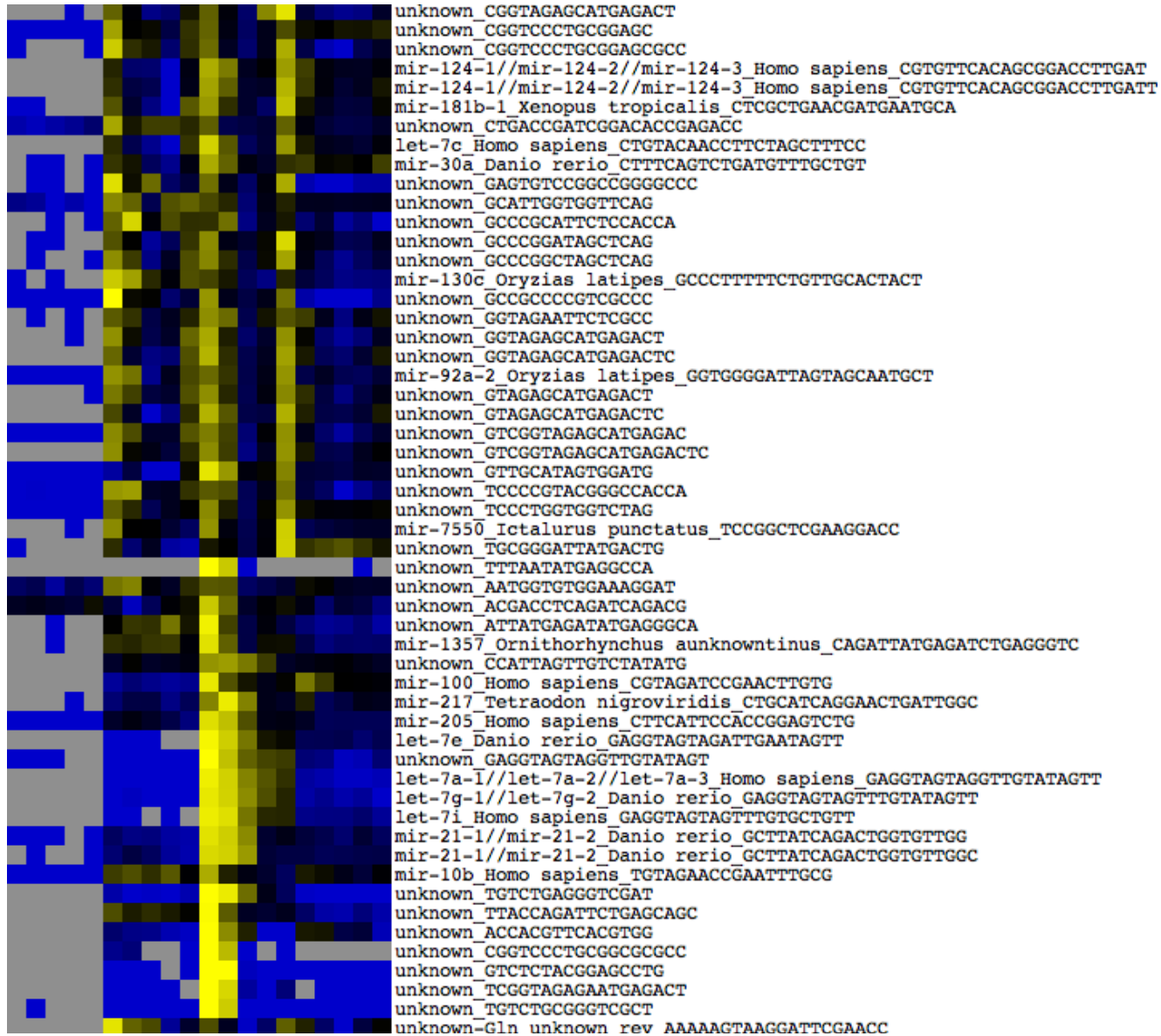
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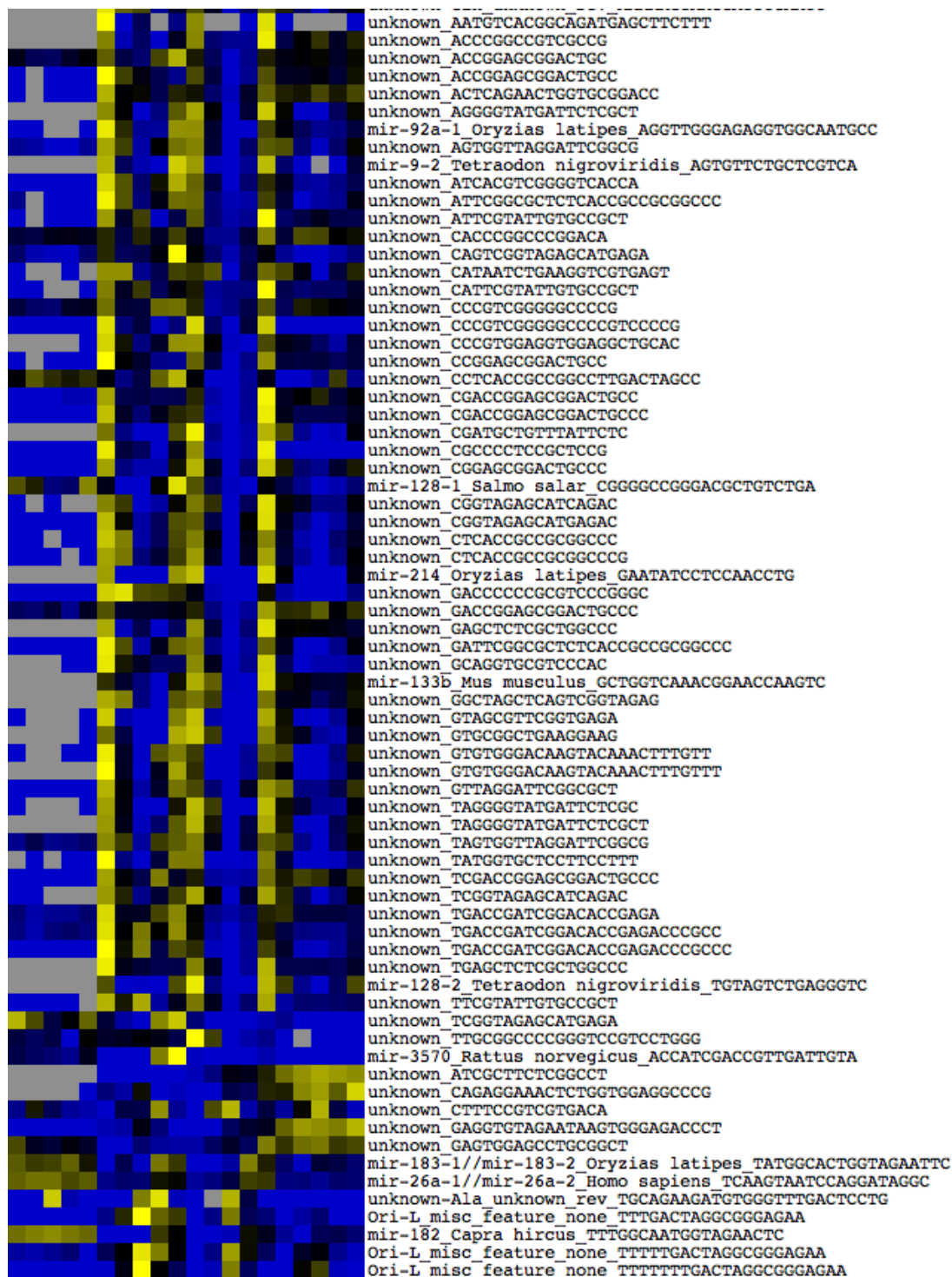
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12 dpd



12 dpd



20 dpd

