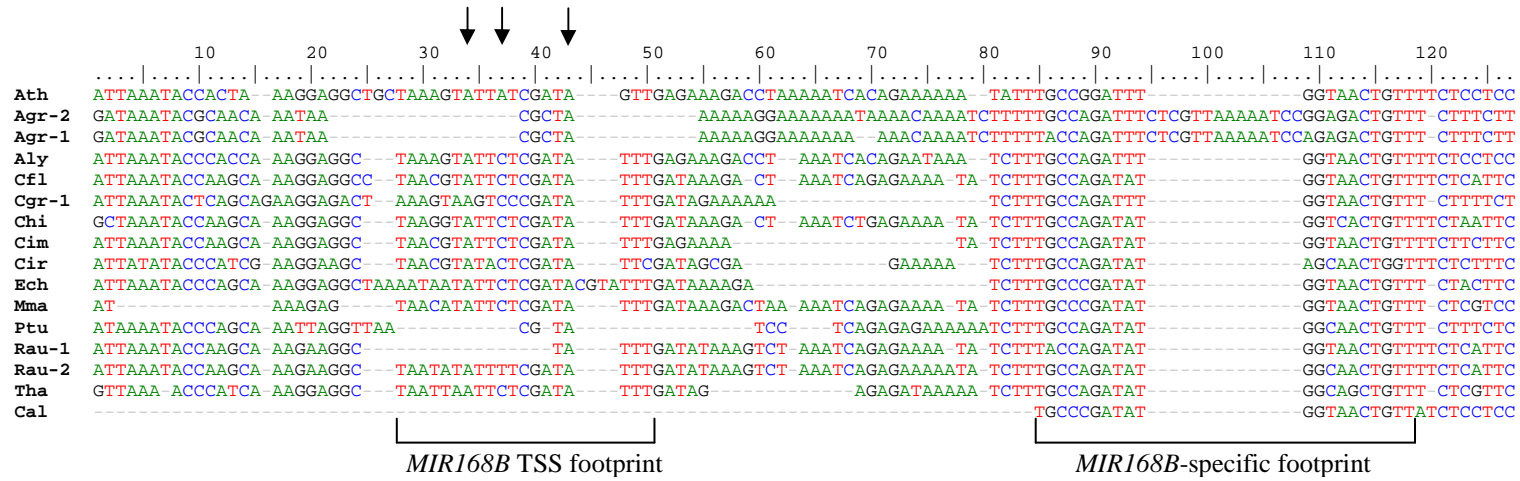
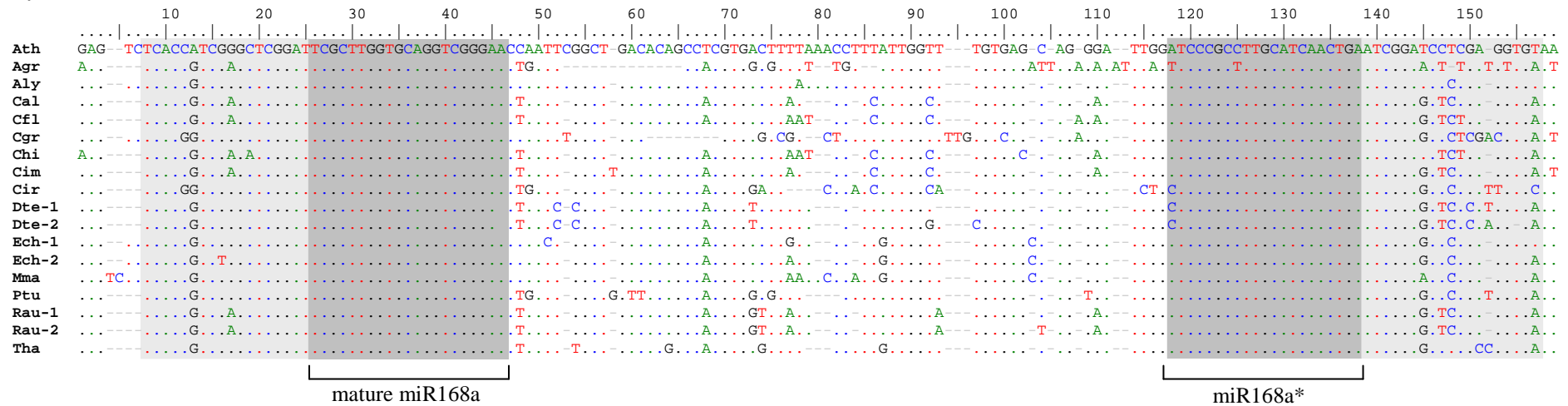


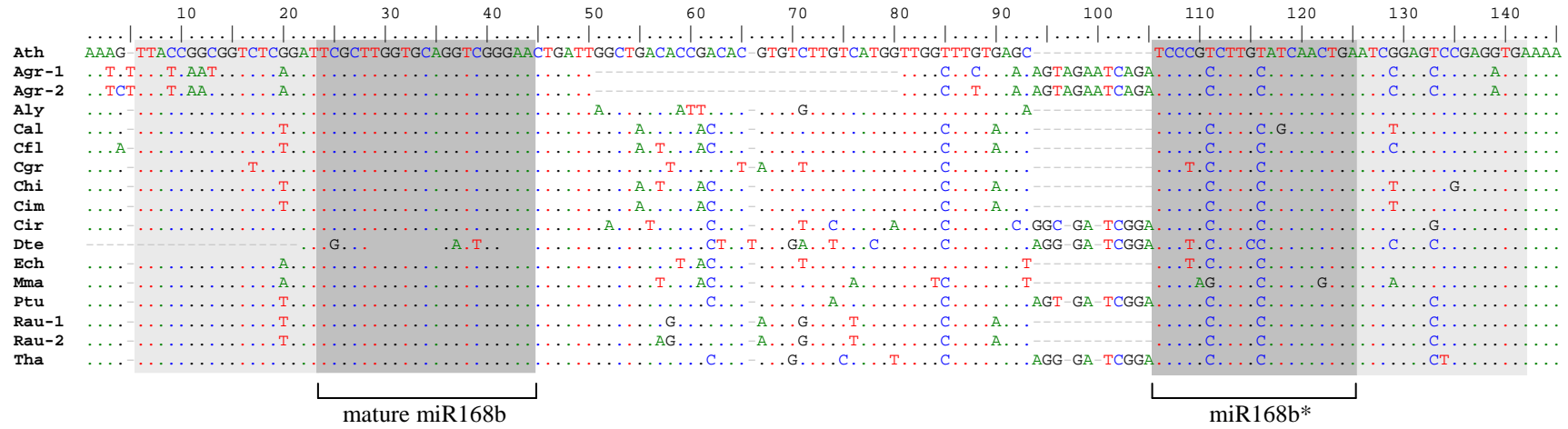
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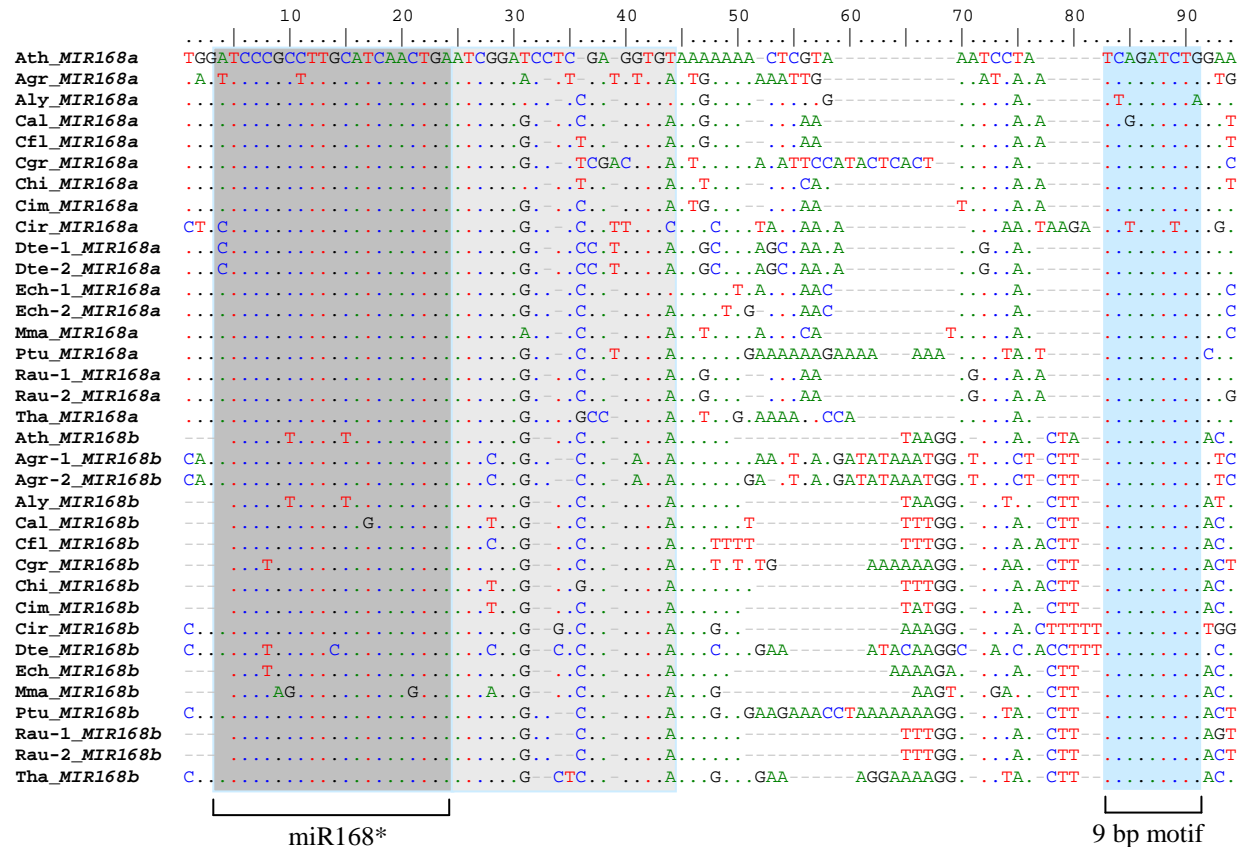
C)



D)



E)



F)

>Ath_MIR168a

GATAGGGTTCCT-----TCTTCTTCTTATTA-CAT-----ATC--ATAAACCTCATT--CCCCATTAC-AAAACCTAGA-----ACTCCTTCTCTTCTTCTTTCTTCATA-----TCCCTG-----TCT-----
-----AAAGGGATT-----ATT-ATGATAGT--AGAG--TCTCACCATCGGGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCTCGTACTTTTAAACCTTTATTGGTT--TGTGAGC--
AG-GGA--TTGGATCCCGCCTTGCATCAACTGAATCGGATCCTCGA-GGTGTA--AAAA-----ACTCGTAAATCCTA-TCAGATCTG----GAAGATT-----TCT--ACGC--T-----T-CTCC-TTCTTT-
ATAT

>Agr-1_MIR168a

GATAGACCAATCT-----TTACCATATTTT-CACCATT----AACACTC-T-----AC-AAAACCTAAA---ACTCTTC-TCTCTCTCCTC-TTTTTTCACTTTCTCTC-----TACA-----
TAGAGAGA-----TTGAT----AAAG---TCACCGTCGAGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCTGATT-----CCACGTGGCGTTTT--TGTATTGGTT--
TGTGAGATTAGAGAAATTTAGTTCCCGCTTTCATCAACTGAATCGGAAC-TTGTGTTGAATGAAAAA-----TTGAAATCAAA-TCAGATCTGGT--GGAGATA-----TCT-----
TACTC-TCTCTTT-CTTT

>Aly_MIR168a

GATAGGGTTCCTC-----CTTATTACATC---ATAAACCTATT--CTC-TGCCTCATT--CCCCATTAC-AAAACCTAAA-----TCTCCTTCTCTTCTCTCTT-----CT-----TCT-----
AAAGAGAGAGAGAGAGAG-----ATT-ATGATAT--AAGAG--TCTCACCCTCGGGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCTCGTACTTTAAACCTTTATTGGTT--
TGTGAGC--AG-GGA--TTGGATCCCGCCTTGCATCAACTGAATCGGATCCCCGA-GGTGTA--GAAA-----ACTCGTGAATCCAA-TTAGATCTA----GAAGAAA-----TCT--ACTC--T-----T-
CTCC-TTCTTT-ATCT

>Cal_MIR168a

GATAGG-----TTTTATTA-CATC---ACAAACCTTTCTTTTGCCTCATTTCACCACCATTAC-TACAGCTTCA-----TCTCTTATCTTTCTTCTCACAAGCCTTCG-----
TTTCAGTTTCTTGAGAGCGGAGGAGAGATTACG--ATAGATGAT----AGAG---TCACCGTCGAGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCACGTACTTAT--
CCTCATTTGGCT--TGTGAGC--AG-GAA--TTGGATCCCGCCTTGCATCAACTGAATCGGAGCTCCGA-GGTGAA----AGAA-----ACTCAAAATCCAAA-TCGGATCTG-----GATGATT-----
TAGAAGAAATCT--TCTC--T-----T-TTCT-TTCTTT-TTA

>Cfl_MIR168a

GATAGGGTTCCT-----A-CATC--ACACAACCTTTCTTTTGCCTCATT--CACCATTTC-AACAACCTCT-----CTCTTCTCTTATCTTTTCTTCTCACAAGTCTTCG-----
TTTCAGTTTCTTGAGAGCA-AGAAAGA-TTACG---TTAGATGAT----AGAG---TCACCGTCGAGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCACGTACTTAAAT--
CCTCATTTGGCT--TGTGAGC--A-AGAA--TTGGATCCCGCCTTGCATCAACTGAATCGGAGCTCTGA-GGTGAA----AGAA-----ACTCAAAATCCAAA-TCAGATCTG-----GATGATT-----TTT-----

>Cgr_MIR168a

GATAGGGTTCCTTCTTCTTCTTCTTCTTCTTCA-CATCAATAAAAAACCATT--CTTTGCCTCGTT--CTCCATCACTAAAAACCTAAA----GGGAGACTCCTTCTCCTCCTTATCTCTC-----TCTCTG-----
-----TCT-----AGAGAGA-TTCTT--ATATATAAACAGCGAGAG--TCTCACGGTCGGGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTTGGC-TGA-----CGTGAGTCGTCT--
CTTTATTGGTTTTGTGTCAGC--AGAGGA--TTGGATCCCGCCTTGCATCAACTGAATCGGAGCCCTCGACGTGAAT---AAAAAACATTCCATACTCACTAATCCAA-TCAGATCTG----GACC-----
TAT--ACTCGTT-----T-CTCC-TTCTTT-TTA-

>Chi_MIR168a

GATAGGGTTCCT-----TA-CATCA-CAAAAACCATT-CTTTGCCTCATT--CACCATTAC-AACACCT-----TCCTTCTCTTATCTT-----TCTTCG-----
TTTCAGTTTCTTGAGAGCAATAAAAAGATTTAC--GATAGATGAT----AAAG---TCACCGTCGAGATCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCACGTACTTAAAT--
CCTCATTTGGCT--TGTGACC--AG-GAA--TTGGATCCCGCCTTGCATCAACTGAATCGGATCTCTGA-GGTGAAA----TAAA-----CTCAAAATCCAAA-TCAGATCTG-----GATGGTT-----
TTTGAAGAAATCTGAAATC--T-----T-CTCC-TTCTTT-TTAT

>Cim_MIR168a

GATAGGGTTCCT-----A-CATCA---CAACCATT-CTTTTGCCTCATT--CACCATTAC-AAAACCT-----TCTCTTCTTATCTCTTCTTCTC-ACAAGTCTTCG-----
TTTCAGTTTCTTGAGAGCA-AGAAAGA-TTACC---ATAGATGAT----AGAG---TCACCGTCGAGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCAATTCGGC-TGA-CACAGCCACGTACTTAT--
CCTCATTTGGCT--TGTGAGC--AG-GAA--TTGGATCCCGCCTTGCATCAACTGAATCGGAGCTCCGA-GGTGAA----TGAA-----ACTCAATATCCAAA-TCAGATCTG----GAAGATT-----
TAGAAGAAATCT--ACTC--T-----T-CTCC-TTCTTT-CTAT

>Cir_MIR168a

CATAGGGTTCCT-----A-ATTC---ACAAA-CACT--CTTTGCCTCCTTT--CGCCATCCC-AAA-CCTAAA-----
CTTCTCTCTCTCTTCTTCTTCTCTCTGTTCTGTCTTCTGTTCTATTTTGTTCCTCAGATTTCT-----AGAGAGAGA-TTG-----TGTGAT----AGAG----
TCACGGTTCGGCTCGGATTCGCTTGGTGCAGGTTCGGGAACCTGATT-GGC-TGA-CACAGCCACGTGGATT---CCCATATTGGCA---TGTGAGC--AG-GGA--
TCTGCTCCCGCCTTGCATCAACTGAATCGGAGCCCGATTGTGCAAA---CAAA-----TATCAAAAATCAAA-TAAGATCTGATTTGGGAGATA-----TAT--ACTC--T-----CCT-CTCC-TATTTC-ATTT

>Dte-2_MIR168a

GATAGGGTTCCT-----AAAAACCAGAAACTAT-----TTAC-AAAACCTAAA-----ACTTATCTTTCTTCTCTCTCTTTA-----TTTTTT-----CTTTTATGGCTTTCAGATTCC-----
-----AGAGAC-----TATGGT-----AGAG---TCACCGTCGGGCTCGGATTCGCTTGGTGCAGGTTCGGGA-CTAATC-CGC-TGA-CACAGCCACGTGCTTTT---ACTTATTGGTT---GTGAGC--AG-GGA--
TTGGCTCCCGCCTTGCATCAACTGAATCGGAGCTCCCATGGTGAAGC--AAAA-----GCCAAAAAGCCAA-TCAGATCTG----GAAAAATATATCTTTGTGTGTGTCT--ATGT--TGATGCATAT-CTTC-
TTCTGT-ATAT

TTACCGGCGGTCTCTGATTCGCTTGGTGCAGGTCGGGAACTGATTGGCTAATACCACCAC-GTGTCTTGTCATGGTTGGCTTGTAAGC-----
TCCCGCCTGCATCAACTGAATCCGAGTCCGAGGTGAAAATTTTTTT-----GGATCCAAAC---TTTCAGATC--TGACACTTCTTCGTT-ACTCTT-----AAGGTAAATTTTGAT-----
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>Cgr-1_MIR168b
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TTTCTAATGAGAAAAGAGAGAAAAGAGAGA-----TACGATGAA--GGTTACAAAAAAAAG-TTACCGGCGGTTTCGGATTTCGCTTGGTGCAGGTCGGGAACTGATTGGCTGACTCCGACAT-
ATGTTTTGTCATGGTTGGCTTGTGAGC-----TCCTGCCTTGCATCAACTGAATCGGAGTCCGAGGTGAAAAATATAGAAAAA-----GGATCA-AAC---TTTCAGATC--TGACTCGATCTT----CATCTT--
-----ACGGTAGAATCTTTAT-----ATTTTTTGTGAAA
>Chi_MIR168b
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CCTCTTTCATATT-TTCCATTGAGAGAGATAGAGCAAAAAG-----TACGATGAT--GATA-----AAG-
TTACCGGCGGTCTCTGATTCGCTTGGTGCAGGTCGGGAACTGATTGGCTAATACCACCAC-GTGTCTTGTCATGGTTGGCTTGTAAGC-----
TCCCGCCTGCATCAACTGAATCTGAGTCGGAGGTGAAAAAAATTT-----GGATCCAAAC---TTTCAGATC--TGACACGTTCTTCGTTCACTCTT-----AAGGTAAATATTGAT-----
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>Cim_MIR168b
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GTGTCTTGTCATGGTTGGCTTGTGAGC-----TCCCGCCTTGCATCAACTGAATCTGAGTCCGAGGTGAAAAAATAT-----GGATCC-AAC---TTTCAGATC--TGACACATTCTTCGTC-ACTCTT----
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>Cir_MIR168b
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TTACCGGCGGTCTCGGATTCGCTTGGTGCAGGTCGGGAACTGATTGACTGTCACCGCCAC-GTGTTTTCTCATGATTGGCTTGTGACCGGCGATCGGA--
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>Dte_MIR168b

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>Ech_MIR168b
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GTGTTTTGTCATGGTTGGTTGTGAGT-----TCCTGCCTTGCATCAACTGAATCGGAGTCCGAGGTGAAAAA-----GAATCC-AAC---TTTCAGATC--TGACAT-----CCTCTT-----
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>Mma_MIR168b
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GTGTCTTGAATGGTTGTCTTGTGAGT-----TCCAGCTTGCATCAAGTGAATCAGAGTCCGAGGTGAAAAGAA-----GTATGA-TAC---TTTCAGATC--TGACAC-----AATCTT-----
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>Tsa_MIR168b
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AATCTT-----GTTTAAGTTTTT-----TTTGTTGAAA