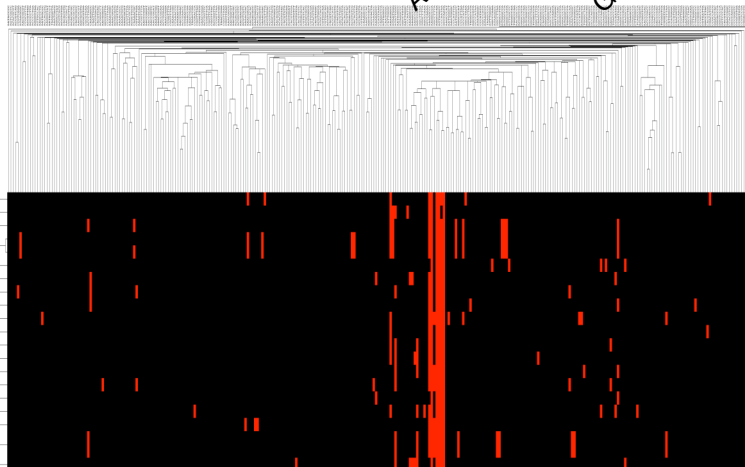


A: GCCCA cluster (part)

<- octamer REGs ->

ACGT GCCCA

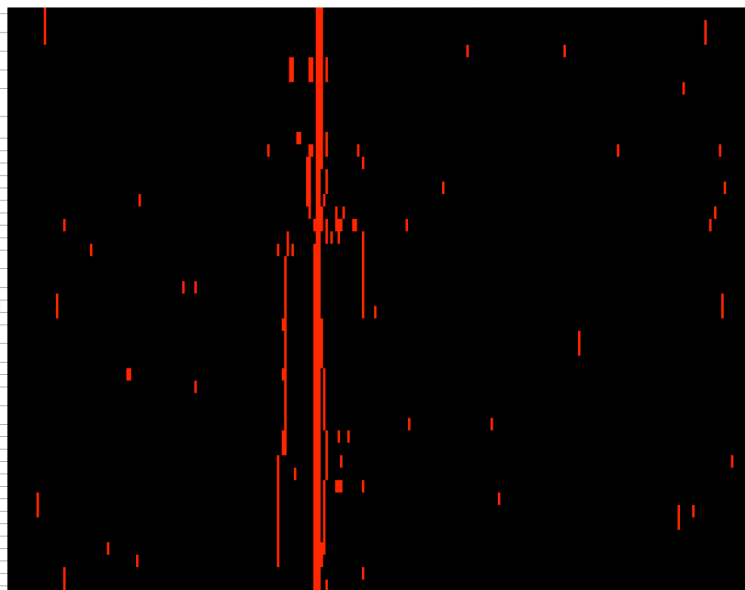


promoters

At3G25920 50S (plastid) ribosomal protein CL15
At5g22950 SNF7 family protein
At4g17390 60S ribosomal protein L15
3_4_0_63
At4g17410 unknown protein
At1g02130 Ras-related protein (ARA5)
At5g17870 plastid-specific ribosomal protein
At2g44310 EF-hand family protein
At5g54920 unknown protein
3_1_1_147
At5g13730 SigD
At5g35400 tRNA pseudouridine synthase family protein
3_2_0_35
At1g15860 unknown protein
At5g15200 40S ribosomal protein S9
At1g57860 60S ribosomal protein L21
3_1_1_9
At1g29220 transcription regulator family protein
At3g56030 PPR repeat-containing protein
At3g56020 60S ribosomal protein L41

At4g05020 unknown protein
At4g10960 UDP-glucose 4-epimerase activity
3_4_1_24
At1g09350 galactinol synthase, putative
At1g52230 Photosystem I PSI-H
At1g52220 Photosystem I PSI-P
At3g17810 dihydroorotate dehydrogenase family protein
At1g75460 ATP-dependent LON protease
At5g50101 unknown protein
At5g60890 receptor-like kinase ATR1, MYB34
At1g28530 unknown protein
At5g66580 unknown protein
At5g67140 F-box family protein
At2g15970 cold-acclimation protein, putative
At1g10960 ferredoxin precursor isolog
At2g34451 HMG protein, putative
At5g47550 unknown protein
At3g53040 LEA protein, putative
At1g06680 photosystem II OEC23
At2g34620 unknown protein
At5g14780 formate dehydrogenase FDH
At5g61530 unknown protein
At1g06110 F-box family protein
At5g15840 zinc finger protein CONSTANS (CO)
3_5_0_27
At1g75440 ubiquitin-conjugating enzyme 16 (UBC16)
At1g07600 matallothionein-like protein 1A
At1g07590 pentatricopeptide repeat-containing protein
At2g36630 unknown protein
3_4_0_47
At5g51020 unknown protein
At1g29310 protein transport protein sec61, putative
At1g31230 aspartate kinase-homoserine dehydrogenase like
At1g73860 kinesin-related protein
At4g28750 photosystem I PSAE1
At1g21780 unknown protein
At1g35720 Ca²⁺-dependent membrane-binding annexin
At1g55520 transcription initiation factor TFIID-2/TBP2
At1g71960 ABC transporter family protein
At1g22510 C3HC4-type RING finger protein
At4g32760 unknown protein
At4g24795 unknown protein
At1g53170 ERF/AP2 transcription family ATERF-8
At3g20250 RNA-binding protein, putative
At5g63160 unknown protein
At1g08190 unknown protein
At5g14500 unknown protein

B: ACGT cluster (part)



C: REG cluster (ACGT, part)

AACACGTG
 ACACGTGA
 ACGTGTAC
 CACGTGTA
 ACGTGGAA
 ACGTGGAT
 CACGTGGA
 ACGTGTCT
 ACGTGTCA
 CACGTGTC
 CGTGTTCAT
 CGTGTTCAC
 CGTGGCGT
 ACGTGGCG
 CGTGGCGA
 ACACGTGG
 CACGTGGC
 ACGTGGCA
 CGTGGCAT
 CGTGGCAA
 CGTGGCAG
 ACGTCAGC
 CACGTTCAG
 GATGACGT
 ATGACGTG
 CCACGTCA
 GACGTGGC
 ACACGTCA
 GACACGTC
 CACGTTCAC