	500:5	13W .umr	acrl. acrE	0:12W umr 0:1500:umr 1-500:500	acrlacre 500.acre	K.nul. scu	acre iacre	1-14-17	:acrl	K:15K:1	umr.acrl	acre 1-24	:raw:.u	2k.2ch	K.acrE K.acrE	OK: N	ok.aci	it acit
cold_up:m01 -/ cold_up:m02 - cold_up:m03 - cold_up:m04 -/	4 5 1 0 3 4 2 2	3 3 1 1 2 2 1 2	3 3 5 3 3 3 1 1	3 2 1 1 2 1 1 1	6 6 1 0 4 7 2 4	3 3 0 0 3 2 2 2	4 4 8 4 3 5 2 3	3 3 3 4 0 6 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 8 0 2 2 5 2 2	9 1 10 4	5 5 1 0 4 2 1 2	8 10 13 8 4 8 2 3	0 5 3 1 3 5 3 1	5 0 3 2	5 8 2 1 3 9 3 7	5 2 4 2	4 A 1 A 3 A 2 A	At TCP16[DAP,D] At TCP16[SELEX,D] At TCP16[PBM,D] At SHN2[DAP,D] At SHN3[DAP,I] At HRE1[DAP,D] At LB At ABF2[DAP,D] At DPBF3[DAP,D] At BZIP16[DAP,D] At At AT1G06070[DAP,D] At VIP1[DAP,D] Zm bzip110[PBM,
cold_up:m05	0 0 2 1 6 9 1 1 1 1		0 0 6 3 7 10 5 4 1 2		1 1 2 2 5 8 1 1 1 1	1 2 0 0 3	1 1 9 5 6 8 5 5 5 1 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 5 2 1	2 1 7 0 2	1 1 0 0 4 5 0 1	1 1 8 6 5 8 4 3 2 5	1 1 1 1 3 7 3 0 0 0 0 0	1 1 6 2	2 5 1 1 4 7 1 1 1 4	2 0 5 1	0 A 6 A 1 A	AtjDREB2C[PBM,D] AtjSHN2[DAP,D] AtjSHN3[DAP,I] AtjHRE1[DAP,D] AtjLB AtjRVE4[DAP,D] AtjRVE7[DAP,D] AtjRVE5[DAP,D] AtjRV AtjTFIIIA[DAP,D] AtjSPL7[PBM,D] Zmjsbp11[PBM,I] AtjARF11[DAP,I] AtjARF18[DAP,I] AtjARF9[DAP,I] Atj
cold_up:m10	5 7 1 1 1 1 5 5 3 3		4 6 5 4 0 0 4 4 1 2		5 8 1 1 3 2 3 3 2 3	1	3 7 5 5 3 2 2 2 2 2	0	6 0 2 2 2	12	0	3 1 3 4 3 4 1 4 1 2		1	2 13 1 1 1 4 0 4 1 2	3 0 2	6 A 1 A A	AtjRVE4[DAP,D] AtjRVE7[DAP,D] AtjRVE5[DAP,D] AtjRV AtjABI4[SELEX,I] Zmjabi4[SELEX,D] AtjERF017[DAP,D] AtjERF016[DAP,I] Zmjereb57[DAP,I] AtjRVE4[DAP,D] AtjRVE7[DAP,D] AtjRVE5[DAP,D] AtjRV AtjLB019[DAP,D] AtjLB031[DAP,I] AtjLB016[DAP,D] At
cold_up:m15 - cold_up:m16 early-activation - cold_up:m17 - cold_up:m18 down-up - cold_up:m19 slowly-activation -	5 6 7 3 3 10 13	3 3 3 2 3 5 7	4 7 6 7 2 2 10 14	4 3 2 2 4 7 9	3 8 9 3 5 7 10	5 4 3 3 4 5	2 6 7 9 2 3 7 10		3 4 10 3 2 7 6	14 4 11	7 7 3 2 6 5	3 8 12 1 2 3 6 1	3	9 3 6	1 8 4 13 2 9 3 10	7 5 7	8 A 3 A 7 A	AtjRVE4[DAP,D] AtjRVE7[DAP,D] AtjRVE5[DAP,D] AtjRV AtjTCP16[DAP,D] AtjTCP16[SELEX,D] AtjTCP16[PBM,D] AtjAT1G06070[DAP,D] AtjVIP1[DAP,D] Zmjbzip110[PBM, AtjRVE4[DAP,D] AtjRVE7[DAP,D] AtjRVE5[DAP,D] AtjRV
cold_up:m20 recovery - cold_up:m21 late-activation heat_up:m01 - heat_up:m02 -	1 1 4 4 2 2 11 9		6 4 3 4 2 2 15 17		1 1 6 8 2 2 10 9	1 1 4 4 1 0 10 10	6 6 4 7 4 4 11 15	_	1 0 4 4 0 3	8 1	1 1 1 1 5 5 0 0	4 5 5 1 6 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 1 0 5 6 1 2 12	1 6 0 2	1 1 3 15 2 4 4 12	1 7 0 9	1 A 6 A 1 A 3 A	At DREB2C PBM,D] At ABI4 SELEX,I] Zm abi4 SELEX,D] At AT1G06070[DAP,D] At VIP1[DAP,D] Zm bzip110[PBM, At DREB2C PBM,D] At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm
heat_up:m03 - heat_up:m04 - heat_up:m05 - heat_up:m06 - heat_up:m07 -	21 25 5 5 4 3 0 11 11		27 31 5 6 2 1 0 9 10)	17 24 4 5 5 4 0 7 9		19 29 4 5 3 2 0 0 6 8		16 3 3 0 6	5 3 0 9	2	17 2 4 6 2 1 0 0 0 3 7	2	4	8 22 2 8 2 2 3 0 1 7	3	3 A A A 1 A	At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm At GATA12[DAP,D] At GATA11[DAP,D] At GATA6[DAP,D] At ANAC011[DAP,D] At AFF14[PBM,D] At RAV2[PBM,D] At At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm
heat_up:m08 recovery - heat_up:m09 - heat_up:m10 - heat_up:m11 - heat_up:m12 -	7 9 4 2 2 3 1 0 0 1		9 11 3 1 2 2 1 0 0 0		7 9 2 2 1 3 1 0 1 1		7 1 1 2 3 1 0 1 1 1	.	5 1 2 1 0	8 1 3 0 1		5 10 1 0 2 3 4 1 2 3	3		4 12 0 0 1 3 1 0 0 1	9	A A A	Atihsfc1[DAP,D] Atihsfb4[DAP,D] AtihsfA3[DAP,I] Zm Atiat3g46070[DAP,D] Zm znf3[DAP,I] Atiat7MYB63[DAP,D] AtiatMYB13[DAP,D] AtimyB58[DAP,I Atiwox13[PBM,D] Atiwox14[PBM,I] Atiwox10[PBM,I] Z AtiBMY2[DAP,D] AtiBEH2[DAP,D] AtiBEH3[DAP,D] AtiBE
heat_up:m13 - heat_up:m14 - heat_up:m16 slowly-activation - heat_up:m17 - heat_up:m18 early-activation -	0 0 1 1 1 25 24 45 47	12 6			0 1 1 0 2 1 19 21 34 43	13 6 20 12	1 2 0 3 2 19 2 36 56	1 7 16 7	1 3 2 7 14 5 27	1 1 1 21 1 41 2	1 13 6 23 14	2 2 4 1 2 1 13 2 27 4	1 1 15	8	1 0 2 1 1 3 6 25 12 45		A A A 6 A	At ATMYB63[DAP,D] At ATMYB13[DAP,D] At MYB58[DAP, At HMGB9[DAP,D] At HDG2[PBM,I] At HDG3[PBM,I] At A At AT4G12670[DAP,D] At SRS7[DAP,D] At TRP1[DAP,D] At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm At HSFC1[DAP,D] At HSFB4[DAP,D] At HSFA3[DAP,I] Zm
heat_up:m19 laté_activation - cold_down:m01 - cold_down:m02 - cold_down:m03 - cold_down:m04 -	3 2 5 6 0 0 1 2 2 3	2 3			2 2 5 6 0 0 2 2 1 2	2 4	2 2 4 6 1 0 3 3 1 2	3 4	4 2 4 0 1	2	2 3	3 2 3 6 1 0 2 2 1 1	2 2 5 5	2	0 1 1 4 5 1 1 2 0 2	1 6	2 A 2 A A	Atirve4[DAP.D] Atirve7[DAP.D] Atirve5[DAP.D] Atirv Atirsfc1[DAP.D] Atirsfb4[DAP.D] Atirsfa3[DAP.I] Zm Atirsf2[P42[DAP.D] Atirsfa3[DAP.D] Atirsfa3[DAP.I] Atirsfa3[DAP.I] Atirsfa3[DAP.D] Atirsfa3[DAP.D] Atirsfa3[DAP.D] Atirsfa3[PBM.D] Atirsfa3[DAP.D] Atirsfa1[PBM.D] Atirsfa3[PBM.I] Atirsfa3[PBM.II] Atirsfa3[PBM.
cold_down:m05 - cold_down:m06 - cold_down:m07 - cold_down:m08 - cold_down:m09 -	1 1 2 2 1 1 1 2 2 3		1 1 3 3 2 2 4 2 1 2		1 1 1 1 1 1 1 2 2 3		2 2 2 2 2 1 6 4 1 2 2	! !	1 0 4 1 1	1 1 2 1 3		1 2 1 2 5 3 6 4	3		4 1 0 2 0 2 1 0 0 2		A A A	At MYB3R-3[DAP,I] At MYB3R5[DAP,D] Zm myb15[DAP,I] At MYB55[DAP,D] At TGA1[SELEX,D] At SHN2[DAP,D] At SHN3[DAP,I] At HRE1[DAP,D] At LB Zm MNB1A[Transfac,D] At SSRP1[PBM,I]
cold_down:m10 - cold_down:m11 - cold_down:m12 - cold_down:m13 - cold_down:m14 -	2 2 1 0 1 1 1 1 1 3		3 3 1 1 4 3 3 2 1 2		2 1 1 0 1 1 1 0 1 2		1 2 1 4 3 3 3 1 2 2	: :	1 2 1 0	1 0 1 0		1 1 3 2 4 2 3 2 1 1 1	2		1 0 1 0 1 0 0 0		A A A	AtjANL2[DAP,D] AtjHDG11[DAP,D] AtjHDG1[DAP,D] AtjH AtjTCP24[DAP,D] AtjTCP13[DAP,D] AtjTCP17[DAP,D] At AtjAT3G12910[DAP,D] Zmjnactf50[DAP,I] AtjAT3G58630[DAP,D] Zmjthx1[DAP,I] AtjAT5G05550[DA AtjZHD14[DAP,D] AtjAHL6[PBM,I] AtjATHB-22[PBM,D]
cold_down:m15 - cold_down:m16 - cold_down:m17 - cold_down:m18 - cold_down:m19 -	2 1 2 1 2 3 2 0		1 0 1 1 4 5 3 0 0 0		2 1 3 1 1 2 2 0		2 1 2 0 2 4 3 0) 	3 2 1 1 1	1 1 2 0		2 0 1 1 1 3 2 0 3 1	3		1 0 1 1 1 2 1 0 1 0		A A A	AtiHMGB8[DAP,D] AtiHDG2[PBM,I] AtiHDG3[PBM,I] AtiA AtiHMGB15[DAP,D] AtiAHL9[PBM,I] AtiAHL13[PBM,D] Zn AtiHSFC1[DAP,D] AtiHSFB4[DAP,D] AtiHSFA3[DAP,I] Zm AtiAT1G19040[DAP,D] AtiBHLH80[DAP,D] AtiBHLH81[DAI AtiAT1G76870[DAP,D]
cold_down:m20 - cold_down:m21 - cold_down:m22 - cold_down:m23 - cold_down:m24 -	2 2 0 1 6		5 5 3 3 3 2 7 7 3 2		1 1 0 0 1 4 6		3 4 3 3 3 2 4 5 3 2		1 0 1 3	1 0 1 5		2 3 3 2 2 2 3 5 4 3	3 2 5		0 0 0 0 0 1 3 5		A A A	At TCP14([DAR.D] At TCP9[DAR.D] At TCP20[DAR.D] At At AT3G12910[DAR.D] Zm nactf50[DAR.I] At SHNZ[DAR.D] At SHN3[DAR.I] At HRE1[DAR.D] At LB At HSFC1[DAR.D] At HSFB4[DAR.D] At HSFA3[DAR.I] Zm At ERF105[PBM.D] At RAP2-11[DAR.D] Zm ereb142[DAR
cold_down:m25 - cold_down:m26 - cold_down:m33 - cold_down:m34 early-repression2 - cold_down:m35 -	1 1 5 5 1 0 4 3		3 3 3 1 1 4 3	4 1	4 2 3 4 2 2 2 2	3 1	3 1 3 2 3 4 4 3 2 1	4 4 2	2 1 2 4 1 1	6	5 2 0	1 0 3 2 2 5 2 1 2 1	2	2	0 0 1 5 1 0	5 0 0	1 A 0 A	At ATSG60130[DAPD] At ERF021[DAP,D] At ERF021[DAP,D] At HSF61[DAP,D] At HSF84[DAP,D] At HSFA3[DAP,I] Zm At NAC035[DAP,D] Zm nactf88[DAP,I] Zm nactf3[DAP,I At ATSG60130[DAP,D]
cold_down:m36 - cold_down:m37 - cold_down:m38 - cold_down:m39 - cold_down:m40 -	1 1 2 2 2 3 1 1 1 2		2 1 4 2 2 3 3 2 3 4		1 1 2 3 1 3 1 0 1 2		2 2 7 4 1 3 3 2 1 3 3 2 1	! ! !	5 1 1 1	2 2 2 0 2		5 3 6 4 1 3 5 3 1 3	3 2		1 2 1 1 0 0 1 0	1 3	A A A	AtjATGA1[SELEX,D] AtjSHN2[DAP,D] AtjSHN3[DAP,I] AtjHRE1[DAP,D] AtjLB AtjHSFC1[DAP,D] AtjHSFB4[DAP,D] AtjHSFA3[DAP,I] Zm AtjERF105[PBM,D] AtjRAP2-11[DAP,D] Zmjereb142[DAP AtjHSFC1[DAP,D] AtjHSFB4[DAP,D] AtjHSFA3[DAP,I] Zm
cold_down:m41 - cold_down:m42 - cold_down:m42 - cold_down:m43 slowly-repression - cold_down:m44 - cold_down:m45 -	2 3 1 1 1 1 1 2 3 3	2	1 1 1 1 5 3 2 3 5 6	3	1 2 1 3 0 1 1 2 1 2 3 2	1	0 1 0 1 6 3 1 3		1 1 1 0	2 1 1 2 2	0 1 0	0 1 3 1 6 3 0 3			0 1 0 0 0 1 0 0	0 1 4	A A O A	ALINSTO (IDAR,) ALINSFBUARD) ALINSFASIDARI) ZIN ALILBD19[DAR,D] ALILBD31[DAR,D] ALIHHO6[DAR,D] ALIM ALISFM[DAR,D] ALISHN3[DAR,D] ALIHHO6[DAR,D] ALIM ALIHSFC1[DAR,D] ALIHSFB4[DAR,D] ALIHSFA3[DAR,I] ZM ALIHSFC1[DAR,D] ALIHSFB4[DAR,D] ALIHSFA3[DAR,I] ZM
cold_down:m46 - cold_down:m47 - cold_down:m48 - cold_down:m49 early-repression - cold_down:m50 -	5 4 1 0 2 3 4 4	2 0	2 2 1 1 2 3 1 2	3 0 1 4 2 3 1	3 3 1 1 1 3 3 3	2 1 2 1 2 1 3 1	1 2 1 1 1 1 1 2 2 1 1	2 3 2 4 4 2 3	1 3 1 4 2 1 1 3	6 2 3 5 1	4 1 3 2 3 2 4 1	1 3 4 2 1 3 2 3 0 1 1	5 5 4 8 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 2 3 1	1 4 1 1 0 1 1 3	3 2 2 4	1 A 1 A 2 A 1 A	AtiHSFC1[DAP.D] AtiHSFB4[DAP.D] AtiHSFA3[DAP.I] Zm AtiTGA1[SELEX.D] AtiHSFC1[DAP.D] AtiHSFB4[DAP.D] AtiHSFA3[DAP.I] Zm AtiHSFC1[DAP.D] AtiHSFB4[DAP.D] AtiHSFA3[DAP.I] Zm AtiHSFC1[DAP.D] AtiHSFB4[DAP.D] AtiHSFA3[DAP.I] Zm AtiSPL8[SELEX.D] Zmjsbp3[SELEX.I] Zmjsbp1[SELEX.J]
cold_down:m51 late-repression - cold_down:m52 - cold_down:m53 - cold_down:m53 - cold_down:m51 - heat_down:m01 -	1 1 1 2 1 8 7 0 0 1 1 1	1 0 1 0 5 3 0 0	4 3 2 1 10 11 4 1 2 2	0 0 1 0 7 5 0 0	1 1 2 1 6 5 0 0 1 0	1 0 2 0 5 2 0 0	7 4 3 2 5 7 6 2 4 3		0 1 0 5 4 4 0 0	0	1 0 3 1 5 2 0 0	5 4 4 2 4 8 6 2 4 2	2 0	0 2 4 0	1 1 1 2 1 2 3 0 0 1 0	0 3 5 0	0 A 1 A 3 A 0 A	AtjAT3G12910[DAP,D] Zmjnaotf50[DAP,I] AtjTGA1[SELEX,D] AtjTGA1[SELEX,D] AtjHSFC1[DAP,D] AtjHSFB4[DAP,D] AtjHSFA3[DAP,I] Zm AtjSHN2[DAP,D] AtjSHN3[DAP,I] AtjHRE1[DAP,D] AtjLB AtjERF021[DAP,D]
heat_down:m02 - heat_down:m03 quick-recovery - heat_down:m04 - heat_down:m05 -	1 1 1 1 1 0 0 0 3 2 0 0 0		1 1 4 3 2 1 2 2		3 1 1 2 0 0 1 1 1 0		3 2 2 3 4 3 0 1	} }	1 1 1	2 3 1 1	1	3 4 3 5 4 4 1 0	0		1 2 1 2 0 1 0 0	1 1 1 1	A A A	At SPL3[SELEX,D] At AT3G12910[DAP,D] Zm nactf50[DAP,I] At MYB88[DAP,D] At ARID3[DAP,D] Zm arid3[DAP,I] Zm arid8[DAP,I] Zm
heat_down:m06 - heat_down:m07 - heat_down:m08 - heat_down:m10 - heat_down:m10 -	0 0 2 2 0 0 0 0 2 2		2 2 3 2 0 1 1 1		3 2 0 0 2 1 2 4		2 2 3 3 3 3 2 1 1 2	\$ \$	1 2 1 3 3	0 2 1 1 3		5 5 5 3 4 4 3 1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 4 3		0 1 1 2 0 1 2 1 1 3	1	A A A	Atjrez[Dap.i] Atjanaco94[Dap.D] Zmjnactf37[Dap.i] Atjrve4[Dap.D] Atjrve7[Dap.D] Atjrve5[Dap.D] Atjrve7[Dap.D] Zmpactf37[Dap.D] Atjrve7[Dap.D] Zmparb142[Dap.D] Zmparb142[Dap.D] Zmparb142[Dap.D] Zmparb16[Dap.D] Zmparb16[Dap.D] Zmparb142[Dap.D] Zmparb142[Dap.Dap.Dap.Dap.Dap.Dap.Dap.Dap.Dap.Dap.
heat_down:m11 - heat_down:m26 - heat_down:m27 - heat_down:m28 - heat_down:m29 -	2 2 1 1 1 0 0 0 3 2	1	4 3 1 1 4 3 1 1 5 4		2 2 3 2 1 0 1 0 3 2	1	6 5 4 3 6 4 3 2 9 8	2 0 0	3 2	0 1 1	3 4	5 5 5 5 5 5 5 4 7 8	5 4 5 0 4 1	3	2 1 3 1 0 1 2 1 2 1	2 1 0	2 A 0 A 0 A	AtlERF105[PBM,D] AtlRAP2-11[DAP,D] Zmjereb142[DAP AtlTCP24[DAP,D] AtlTCP13[DAP,D] AtlTCP17[DAP,D] At AtlERF105[PBM,D] AtlRAP2-11[DAP,D] Zmjereb142[DAP AtlARF11[DAP,I] AtlARF18[DAP,I] AtlARF9[DAP,I] Atl AtlERF105[PBM,D] AtlRAP2-11[DAP,D] Zmjereb142[DAP, AtlARF105[PBM,D] AtlRAP2-11[DAP,D] Zmjereb142[DAP,DAP,I] AtlARPAP,DAP,DAP,DAP,DAP,DAP,DAP,DAP,DAP,DAP,
heat_down:m30 recovery - heat_down:m31 - heat_down:m32 - heat_down:m33 - heat_down:m34 late-repression -	2 2 0 2 3 1 1 1 1	0 0	1 1 0 1 3 4 1 1 1	0 0	1 2 2 2 2 3 3 2 4 2	1 1	2 2 2 2 3 5 3 4 2 1	1 1	2 3 1 1 3 2	5 1 2 2	2 2	2 5 3 2 3 5 4 6 1 1	2 5 6 1	1	1 4 1 0 1 2 1 2 1 2	1 0	1 A	At MYB43[DAP,D] At MYB80[DAP,D] At AtMYB74[DAP,D] At AT1G19040[DAP,D] At BHLH80[DAP,D] At BHLH81[DA! At AT4G27900[DAP,D] At AT5G59990[DAP,D] At ZIM[DAP At SPL3[SELEX,D] At F3A4.140[SELEX,D] At F3A4.140[PBM,D]
heat_down:m35 early-repression - heat_down:m36 -	0 1 2 2		1 1 5 3	0 0	1 1 3 2	0 0	1 1 9 7	0 0	2 2		1 0	3 6			0 3	1 0		Zm nfya1[ChIP,I] Zm ca2p15[ChIP,I] Zm ca2p4[ChIP,I At ERF105[PBM,D] At RAP2-11[DAP,D] Zm ereb142[DAP