

	-500:raw	-500:umr	-500:acrL	-500:acrE	+/-500:raw	+/-500:umr	+/-500:acrL	+/-500:acrE	-1k:raw	-1k:umr	-1k:acrL	-1k:acrE	+/-1k:raw	+/-1k:umr	+/-1k:acrL	+/-1k:acrE	-2k:raw	-2k:umr	-2k:acrL	-2k:acrE	+/-2k:raw	+/-2k:umr	+/-2k:acrL	+/-2k:acrE	-10k:raw	-10k:umr	-10k:acrL	-10k:acrE				
cold_up:m01	4	5	3	3	3	3	3	2	6	6	3	3	4	4	3	3	8	9	5	5	8	10	5	5	5	8	5	4	AtiTCP16[DAP,D]	AtiTCP16[SELEX,D]	AtiTCP16[PBM,D]	
cold_up:m02	1	0	1	1	5	3	1	1	1	0	0	0	8	4	0	0	2	1	1	0	13	8	1	0	2	1	2	1	AtiSHN2[DAP,D]	AtiSHN3[DAP,I]	AtiHRE1[DAP,D]	AtiLB
cold_up:m03	3	4	2	2	3	3	2	1	4	7	3	2	3	5	3	2	5	10	4	2	4	8	5	3	3	9	4	3	AtiABF2[DAP,D]	AtiDPBF3[DAP,D]	AtiBZIP16[DAP,D]	At
cold_up:m04	2	2	1	2	1	1	1	1	2	4	2	2	2	3	2	2	2	4	1	2	2	3	1	2	3	7	2	2	AtiAT1G06070[DAP,D]	AtiVIP1[DAP,D]	Zm bzp110[PBM,	
cold_up:m05	0	0	1	0	0	0	0	0	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	2	5	2	2	AtiDREB2C[PBM,D]			
cold_up:m06	2	1	0	0	6	3	1	1	2	2	0	0	9	5	1	2	1	1	0	0	8	6	1	1	1	1	0	0	AtiSHN2[DAP,D]	AtiSHN3[DAP,I]	AtiHRE1[DAP,D]	AtiLB
cold_up:m07	6	9			7	10			5	8	3		6	8	5		5	7	4	5	5	8	7	6	4	7	5	6	AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_up:m08	1	1			5	4			1	1			5	5	0	2	1	0	0	1	4	3	0	2	1	1	1	1	AtiTFIIIA[DAP,D]	AtiSPL7[PBM,D]	Zm sbp11[PBM,I]	
cold_up:m09	1	1			1	2			1	1			1	2			1	2			2	5	0		1	4	1	1	AtiARF11[DAP,I]	AtiARF18[DAP,I]	AtiARF9[DAP,I]	Ati
cold_up:m10	5	7			4	6			5	8			3	7			6	12			3	10	4	4	2	13	3	6	AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_up:m11	1	1			5	4			1	1	1		5	5	0		0	1	0		3	4	0	1	1	1	0	1	AtiABi4[SELEX,I]	Zm abi4[SELEX,D]		
cold_up:m12	1	1			0	0			3	2			3	2			2	3			3	4			1	4	2		AtiERF017[DAP,D]	AtiERF016[DAP,I]	Zm ereb57[DAP,I]	
cold_up:m13	5	5			4	4			3	3			2	2			2	4			1	4			0	4			AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_up:m14	3	3			1	2			2	3			2	2			2	3			1	2			1	2			AtiLBD19[DAP,D]	AtiLBD31[DAP,D]	AtiLBD16[DAP,D]	At
cold_up:m15	5				4	7			3				2	6							3	8			1	8			AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_up:m16 early-activation	6	7	3	3	6	7	4	3	8	9	5	4	7	9	5	4	10	14	7	7	12	18	9	9	4	13	7	8	AtiTCP16[DAP,D]	AtiTCP16[SELEX,D]	AtiTCP16[PBM,D]	Zm
cold_up:m17	3	3	3	2	2	2	2	2	3	5	3	3	2	3	2	3	2	4	3	2	2	3	2	3	2	9	5	3	AtiAT1G06070[DAP,D]	AtiVIP1[DAP,D]	Zm bzp110[PBM,	
cold_up:m18 down-up	10	13	5	7	10	14	7	9	7	10	4	5	7	10	5	7	6	11	6	5	6	11	9	6	3	10	7	7	AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_up:m19 slowly-activation	2	2	1		1	1	0		2	1	1		1	0	0	0	3	3	1	1	1	1	0	0	3	5	1	3	AtiDREB2C[PBM,D]			
cold_up:m20 recovery	1	1	2	2	6	4	1	2	1	1	1	1	6	6	1	1	0	1	1	1	4	5	1	1	1	1	1	1	AtiABi4[SELEX,I]	Zm abi4[SELEX,D]		
cold_up:m21 late-activation	4	4	3	3	3	4	3	3	6	8	4	4	4	7	3	4	4	8	5	5	5	10	5	6	3	15	7	6	AtiAT1G06070[DAP,D]	AtiVIP1[DAP,D]	Zm bzp110[PBM,	
heat_up:m01	2	2	1		2	2	1		2	2	1	0	4	4	0	0	3	2	0	0	6	6	1	0	2	4	0	1	AtiDREB2C[PBM,D]			
heat_up:m02	11	9			15	17			10	9	10		11	15	12		7	8	10		8	12	12	2	4	12	9	3	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m03	21	25			27	31			17	24			19	25	7		16	23	10		17	25	9	11	8	22	11	10	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m04	5	5			5	6			4	5			4	5			3	5	3		4	6	3	4	2	8	3	3	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m05	4	3			2	1			5	4			3	2			3	3			2	1			2	2			AtiGATA12[DAP,D]	AtiGATA11[DAP,D]	AtiGATA6[DAP,D]	
heat_up:m06	0				0				0				0	0			0	0			0	0			3	0			AtiANAC011[DAP,D]	AtiARF14[PBM,D]	AtiRAV2[PBM,D]	At
heat_up:m07	11	11			9	10			7	9			6	8			6	9	2		3	7	2	2	1	7	3	1	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m08 recovery	7	9			9	11			7	9			7	11			5	8			5	10	12		4	12	9	6	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m09	4	2			3	1			2	2			1	1			1	1			1	0			0	0			AtiAT3G46070[DAP,D]	Zm znf3[DAP,I]		
heat_up:m10	2	3			2	2			1	3			2	3			2	3			2	3			1	3			AtiATMYB63[DAP,D]	AtiATMYB13[DAP,D]	AtiMYB58[DAP,	
heat_up:m11	1	0			1	0			1	0			1	0			1	0			4	1			1	0			AtiWOX13[PBM,D]	AtiWOX14[PBM,I]	AtiWOX10[PBM,I]	Z
heat_up:m12	0	1			0	0			1	1			1	1			0	1			2	3			0	1			AtiBMY2[DAP,D]	AtiBEH2[DAP,D]	AtiBEH3[DAP,D]	AtiBE
heat_up:m13	0	0			0	1			0	1			1	2			3	1			2	2			1	0			AtiATMYB63[DAP,D]	AtiATMYB13[DAP,D]	AtiMYB58[DAP,	
heat_up:m14	1				2	1			1	0			2	0			3	1			4	1			2	1			AtiHMG89[DAP,D]	AtiHDG2[PBM,I]	AtiHDG3[PBM,I]	AtiA
heat_up:m16 slowly-activation	1	1			2	1	1		2	1			3	2	1		2	1	1		2	1	1		1	3	2		AtiAT4G12670[DAP,D]	AtiSRS7[DAP,D]	AtiTRP1[DAP,D]	
heat_up:m17	25	24	12	6	28	31	16	6	19	21	13	6	19	27	16	7	14	21	13	6	13	24	15	8	6	25	13	6	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m18 early-activation	45	47	18	10	53	59	23	12	34	43	20	12	36	50	23	15	27	41	23	14	27	46	24	17	12	45	23	15	AtiHSFC1[DAP,D]	AtiHSFB4[PBM,D]	AtiHSFA3[DAP,I]	Zm
heat_up:m19 late-activation	3	2	2	3	3	2	3	3	2	2	2	4	2	2	3	4	2	2	2	3	3	2	2	4	0	1	1	2	AtiRVE4[DAP,D]	AtiRVE7[DAP,D]	AtiRVE5[DAP,D]	AtiRV
cold_down:m01	5	6	3		3	4	4		5	6	4		4	6	4		4	6	5		3	6	5	2	1	4	6	2	AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
cold_down:m02	0	0			1	1			0	0			1	0			0	0			1	0			5	1			AtiATBZIP42[DAP,D]	AtiBZIP43[DAP,D]	AtiAtbZIP48[DAP,	
cold_down:m03	1	2			1	1			2	2			3	3			1	2			2	2			1	2			AtiAT3G10030[DAP,D]	AtiGT-1[PBM,D]		
cold_down:m04	2	3			1	2			1	2			1	2			1	2			1	1			0	2			AtiTRB2[DAP,D]	AtiTRB1[PBM,D]	AtiTRB3[PBM,I]	AtiTR
cold_down:m05	1	1			1	1			1	1			2	2			1	1			1	2			4	1			AtiMYB3R-3[DAP,I]	AtiMYB3R5[DAP,D]	Zm myb15[DAP,I]	
cold_down:m06	2	2			3	3			1	1			2	2			0	1			1	2			0	2			AtiMYB55[DAP,D]			
cold_down:m07	1	1			2	2			1	1			2	1			4	2			5	3			0	2			AtiTGA1[SELEX,D]			
cold_down:m08	1	2			4	2			1	2			6	4			1	1			6	4			1	0			AtiSHN2[DAP,D]	AtiSHN3[DAP,I]	AtiHRE1[DAP,D]	AtiLB
cold_down:m09	2	3			1	2			2	3			1	2			1	3			1	2			0	2			Zm MNB1A[Transfac,D]	AtiSSRP1[PBM,I]		
cold_down:m10	2	2			3	3			2	1			1	2			1	1			1	1			1	0			AtiANL2[DAP,D]	AtiHDG11[DAP,D]	AtiHDG1[DAP,D]	AtiH
cold_down:m11	1	0			1	1			1	0			2	1			2	0			3	2			1	0			AtiTCP24[DAP,D]	AtiTCP13[DAP,D]	AtiTCP17[DAP,D]	At
cold_down:m12	1	1			4	3			1	1			4	3			1	1			4	2			1	0			AtiAT3G12910[DAP,D]	Zm nactf50[DAP,I]		
cold_down:m13	1	1			3	2			1	0			3	3			0	0			3	2			0	0			AtiAT3G58630[DAP,D]	Zm thx11[DAP,I]	AtiAT5G05550[DA	
cold_down:m14	1	3			1	2			1	2			1	2			1	2			1	1			1	2			AtiZHD14[DAP,D]	AtiAHL6[PBM,I]	AtiATHB-22[PBM,D]	
cold_down:m15	2	1			1	0			2	1			2	1			3	1			2	0			1	0			AtiHMG89[DAP,D]	AtiHDG2[PBM,I]	AtiHDG3[PBM,I]	AtiA
cold_down:m16	2	1			1	1			3	1			2	0			2	1			1	1			1	1			AtiHMG815[DAP,D]	AtiAHL9[PBM,I]	AtiAHL13[PBM,D]	Zm
cold_down:m17	2	3			4	5			1	2			2	4			1	2			1	3			1	2			AtiHSFC1[DAP,D]	AtiHSFB4[DAP,D]	AtiHSFA3[DAP,I]	Zm
cold_down:m18	2	0			3	0			2	0			3	0			1	0			2	0			1	0			AtiAT1G19040[DAP,D]	AtiBHLH80[DAP,D]	AtiBHLH81[DAP,	
cold_down:m19	0				0	0			1				1	0</																		