

Type of motif/ Figure / panel	Dataset	Percentage
CArg-box (Figure 1)		
A	AG	64% (69%)
B	AP1	30% (43%)
C	AP3	35% (57%)
D	FLC	76% (76%)
E	PI	42% (56%)
F	SEP3	47% (65%)
G	SOC1	83% (83%)
H	SVP	54% (54%)
CArg-box like motifs in unique peaks (Additional file 7: Figure S2)		
A	PI	35%
B	SEP3	38%
C	SOC1	78%
GA/CT-rich motif (Additional file 10: Figure S4)		
A	AG	50%
B	AP1	68%
C	AP3	29%
D	PI	64%
E	SEP3	61%
F	SOC1	67%
G-box like motifs (Additional file 11: Figure S5)		
A	AG	20%
B	AP3	27%
C	PI	25%
D	SEP3	21%
E	SVP	15%
TCP-like motifs (Additional file 12: Figure S6)		
A	AP1	30%
B	SEP3	15%
C	SEP3	17%
D	SOC1	16%