

Table S4. Analysis of promoter elements of *OSR* Family genes in rapeseed

3-AF1 binding site	2		2		2		1		1		1							
as-1	1	1	1	1	2	3	1	1	2	1	1	1	1	1		1	1	
AAAC-motif		1		1														
AAGAA-motif	1	3	1	3	2	1	5	2	2			1	1				1	
A-box					1		1	1	1									
ABRE	1	2	1	2		1			1	2	1		1	4		1	3	
ABRE3a	1	1		1							1							
ABRE4	1	1		1							1							
ACA-motif											1							
ACE		1		1														
AC-I	1		1															
AE-box	2	1	3	1	1	2	1	1		1		1			1	1		1
ARE	3	2	1	2	1	1	2	2	1	2	1	4	2	5	2	2	3	2
AT~ABRE		1		1														
AT~TATA-box	6	2	13	2	5	7	7	7	2	4	6	10	7	10	8	1	10	8
AT1-motif														1	1		1	1
ATC-motif	1		1															
ATCT-motif		1		1				1				1	1	1			1	
AT-rich element														1		1		
AT-rich sequence																1		
Box 4	2		6		2	3	3	1	2	1	4	6	8	1	5	4	1	5
Box II						1			1									
box S												1						
CAAT-box	32	46	39	46	41	51	25	24	46	45	33	36	38	43	25	35	45	25
CARE											1							
CAT-box					2	1	2	1	2			2	1					
CCAAT-box	1											1						
CCGTCC motif					1		1	1	1									
CCGTCC-box					1		1	1	1									
CGTCA-motif	1	1	1	1	2	3	1	1	2	1	1	1	1	1		1	1	
chs-CMA1a						1			1									
chs-CMA2a							1	1										
circadian				2		2		1	1	1			3	2	1		1	1
CTAG-motif												1						
DRE core					1								1				1	
ERE		1	1	1	3	2	1	1	2	3		3	2	2	7	3	3	7
F-box					1							1						
GA-motif					2	1					1							
Gap-box												1						
GARE-motif															1		1	1
GATA-motif					1	1	2	1	2		1		1	1			1	
G-box	1	2	1	2	1		1	1	1	2	1		2	4	2	1	4	2
GT1-motif	3		4		3	3	3	3	1		2	1	1	2	3		2	3
GTGGC-motif	1		1															
HD-Zip 3						1			1									
I-box					1	1	2	1	1	1			2	1	1	1		1
LAMP-element												1						

LTR			2				2	1		2					2			2	2
MBS	1	2	1	2	2	1	1	1	1		1	3	1						
MBSI							1												
MRE	2	1	1	1							2		1	1	3		1	3	3
Myb	1	3	1	3	2	1	1	2	1		2	4	3		1	1		1	1
MYB	6	1	2	1	2	4	5	4	4	2	2		4	2	1	1	2	1	1
MYB recognition site	1											1							
Myb-binding site	1						1	1							1			1	1
MYB-like sequence	1	1	2	1	2	3	2	2	2		1		2						
MYC	3	2	4	2	1	4	2	2	5	1	3	5		3	4	4	3	4	4
Myc	1	1		1				1		1		1	1			1			
O2-site	1	1	1		1														
P-box	2						1	1			1								
RY-element			1									1							
SARE					1						1								
sbp-CMA1c																1			
STRE	2	1	3	1	1	1	3	3	1		1	1	2			1			
TATA			1			2				1	2		1	2	2	2	2	2	2
TATA-box	41	46	65	46	50	47	57	56	27	66	57	84	61	86	81	53	79	81	81
TATC-box										1									
TCA		2		2	1	1	1						1						
TCA-element													1						
TCCC-motif	2																		
TC-rich repeats		1		1							1	1							
TCT-motif	1	2		2	1		2	2		1	1	2				2			
TGA-box	1		1		1									1			1		
TGACG-motif	1	1	1	1	2	3	1	1	2	1	1	1	1	1		1	1		
TGA-element			1		2	1			1								1		
W box		1	2	1	1					2	2	1	3						
WRE3						1	1	1	1	1									
WUN-motif					1								1	2	2	2	3	2	2
Unnamed__1	1	1	1	1	1	1					1		2		1	1	1	1	1
Unnamed__2					1						1								
Unnamed__4	18	14	8	14	4	5	4	3	9	11	11	5	4	2	5	6	2	5	5
Unnamed__6	1									2		1			1		2	1	1
Unnamed__8	1														1			1	1
Unnamed__10	1														1			1	1
Unnamed__12	1														1			1	1
Unnamed__14	1														1			1	1

BnaA7.ARGOS
BnaA9.ARGOS
BnaC6.ARGOS
BnaC8.ARGOS
BnaA3.ARL1
BnaA4.ARL1
BnaA5.ARL1
BnaC4.ARL1-1
BnaC4.ARL1-2
BnaA3.ARL2
BnaA4.ARL2
BnaA5.ARL2
BnaC4.ARL2
BnaA3.ARL3
BnaA4.ARL3
BnaA5.ARL3
BnaC3.ARL3
BnaC4.ARL3-1
BnaC4.ARL3-2