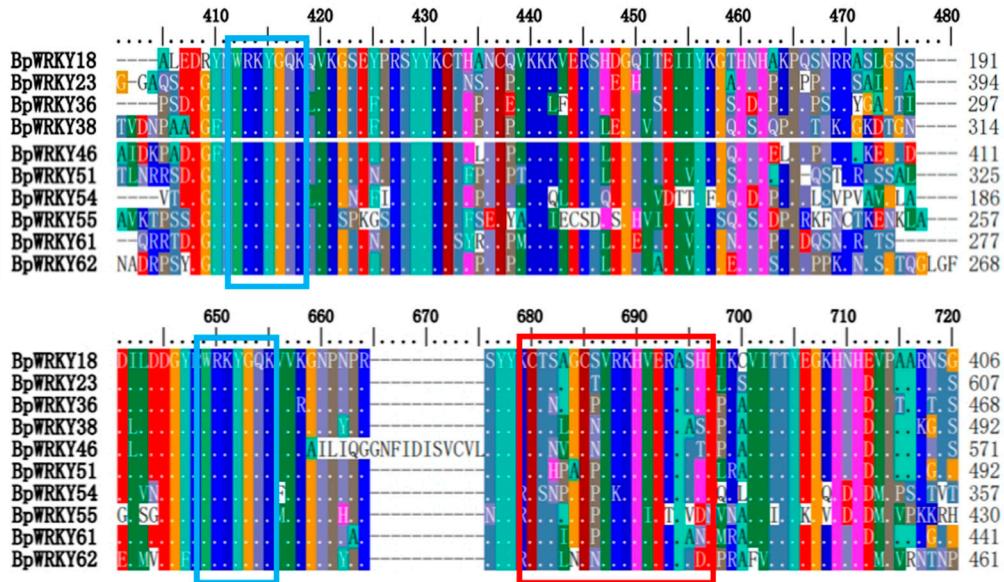
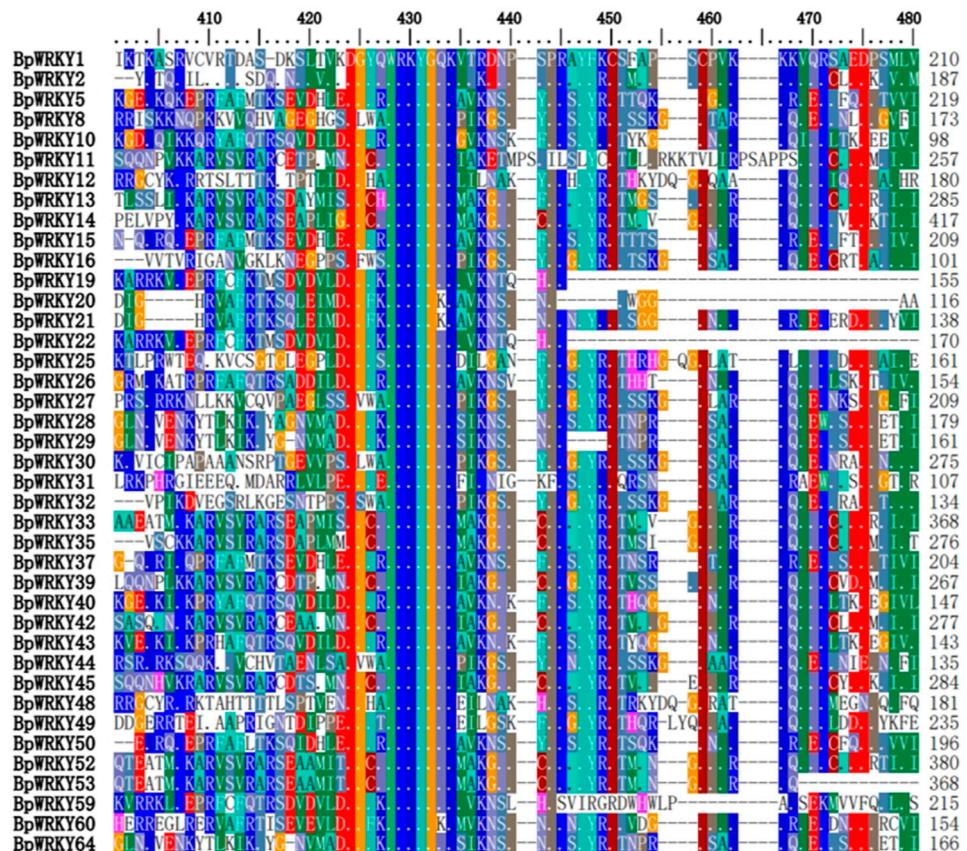


A.



B.



	490	500	510	520	530	540	550	560	
BpWRKY1	A	V	E	H	N	P	S	Q	236
BpWRKY2	T	D	K	.	N	F	I	S	209
BpWRKY5	T	L	Q	.	W	H	.	T	235
BpWRKY8	V	T	I	S	.	H	T	R	203
BpWRKY10	T	T	M	T	.	L	N	K	114
BpWRKY11	T	T	I	T	L	M	S	T	328
BpWRKY12	T	T	I	Q	T	F	P	I	209
BpWRKY13	T	T	R	.	W	A	M	S	338
BpWRKY14	T	T	N	.	W	P	A	M	455
BpWRKY15	T	T	Q	I	.	W	A	M	225
BpWRKY16	T	T	I	S	S	D	L	T	126
BpWRKY19	T	T	L	E	R	F	S	A	166
BpWRKY20	T	T	T	T	S	C	F	R	132
BpWRKY21	T	T	V	.	.	S	C	V	154
BpWRKY22	T	T	L	E	R	F	S	F	181
BpWRKY25	T	T	R	R	T	C	Q	A	197
BpWRKY26	T	T	I	I	S	C	K	L	169
BpWRKY27	T	T	I	A	A	T	H	R	246
BpWRKY28	T	T	V	R	.	D	L	C	197
BpWRKY29	T	T	Y	Y	.	H	H	F	187
BpWRKY30	T	T	I	S	W	T	R	N	306
BpWRKY31	T	T	V	V	.	S	A	S	123
BpWRKY32	T	T	S	C	.	L	A	S	173
BpWRKY33	T	T	N	N	.	L	P	A	426
BpWRKY35	T	T	N	N	.	L	P	T	313
BpWRKY37	T	T	Q	C	.	T	F	F	220
BpWRKY39	T	T	T	I	S	T	A	M	347
BpWRKY40	T	T	M	S	.	E	K	S	162
BpWRKY42	T	T	T	V	G	T	A	M	324
BpWRKY43	T	T	V	T	.	E	K	P	158
BpWRKY44	T	T	I	I	R	T	H	R	186
BpWRKY45	T	T	T	T	S	A	T	N	358
BpWRKY48	T	T	I	H	C	E	L	I	212
BpWRKY49	T	T	R	D	T	O	M	S	256
BpWRKY50	T	T	Q	Y	.	A	T	L	212
BpWRKY52	T	T	N	S	L	P	A	M	438
BpWRKY53	T	T	V	N	S	T	T	S	384
BpWRKY59	T	T	C	V	N	L	I	L	232
BpWRKY60	T	T	V	V	S	S	F	F	167
BpWRKY64	T	T	Y	Y	F	H	L	D	192

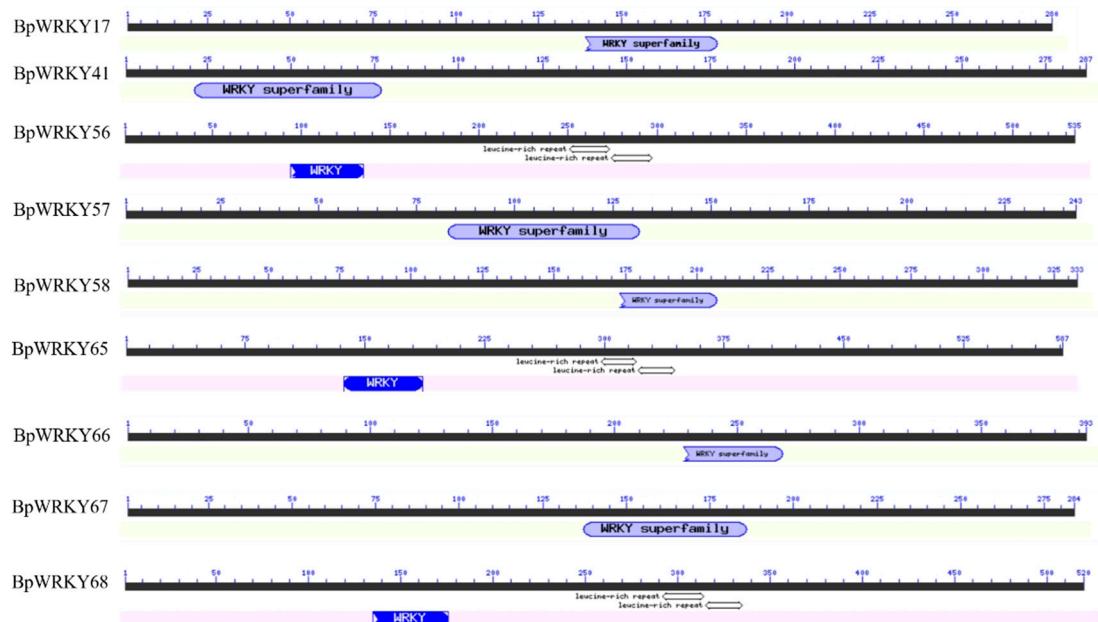
C.

	250	260	270	280	290	300	310	320	
BpWRKY3	P	A	V	S	G	K	P	P	280
BpWRKY4	T	I	A	.	S	—	H	R	224
BpWRKY6	T	Y	L	S	R	N	E	F	221
BpWRKY9	L	G	P	H	S	D	Q	.	202
BpWRKY24	—	V	V	—	S	S	L	L	278
BpWRKY63	A	V	S	A	S	S	L	I	274

	330	340	350	360	370	380	390	400	
BpWRKY3	S	P	Y	K	C	S	T	M	341
BpWRKY4	T	P	Y	Y	S	—	A	P	273
BpWRKY6	T	Y	I	M	P	S	N	I	301
BpWRKY9	T	Y	T	L	F	K	Y	Y	254
BpWRKY24	T	Y	S	Y	S	C	E	E	335
BpWRKY63	T	Y	S	Y	S	A	D	Y	333

D.



**Figure S2.** Schematic diagram of the domains of BpWRKYs protein. A: Class I; B: Class II; C: Class III; D: Class IV. The red box indicates zinc-finger domain, and the blue box indicates WRKY domain.