

Table S8. The number of ERF and Hsf binding sites of *Hsp20s*

Transcription Factor	Species	Genes			Top 3 Gene Number			Number of Binding Sites of the Top 3 Genes	Number of Binding Sites of All Genes	Top 3 Ratio
		Contained Binding Sites	Total Genes	Ratio						
ERF	Rc	21	23	91.30%	RcHsp20-3(206)	RcHsp20-6(126)	RcHsp20-17(105)	437	1041	41.98%
	Jc	21	24	87.50%	JcHsp20-5(272)	JcHsp20-6(46)	JcHsp20-21(32)	350	494	70.85%
	Me	27	50	54.00%	MeHsp20-35(328)	MeHsp20-11(259)	MeHsp20-2(118)	705	2099	33.59%
	Ma	24	32	75.00%	MaHsp20-15(462)	MaHsp20-21(424)	MaHsp20-7(393)	1279	3112	41.10%
	Ep	16	17	94.12%	EpHsp20-17(175)	EpHsp20-3(160)	EpHsp20-8(93)	428	959	44.63%
	Hb	28	50	56.00%	HbHsp20-16(490)	HbHsp20-29(284)	HbHsp20-5(176)	950	2650	35.85%
	Vf	31	56	55.36%	VfHsp20-48(471)	VfHsp20-51(413)	VfHsp20-1(288)	1172	3478	33.70%
Hsf	Rc	18	23	78.26%	RcHsp20-6(51)	RcHsp20-18(31)	RcHsp20-10(31)	113	318	35.53%
	Jc	19	24	79.17%	JcHsp20-1(26)	JcHsp20-2(21)	JcHsp20-11(19)	66	200	33.00%
	Me	45	50	90.00%	MeHsp20-9(49)	MeHsp20-11(40)	MeHsp20-41(37)	126	843	14.95%
	Ma	25	32	78.13%	MaHsp20-30(39)	MaHsp20-26(30)	MaHsp20-9(30)	99	378	26.19%
	Ep	14	17	82.35%	EpHsp20-8(23)	EpHsp20-7(23)	EpHsp20-3(36)	82	155	52.90%
	Hb	41	50	82.00%	HbHsp20-6(43)	HbHsp20-33(38)	HbHsp20-31(38)	119	700	17.00%
	Vf	45	56	80.36%	VfHsp20-54(55)	VfHsp20-42(49)	VfHsp20-49(42)	146	836	17.46%

gene contained binding sites: the number of genes contained ERF or Hsf binding site; total genes: total number of *Hsp20* genes; total ratio: the ratio of the number of genes containing binding sites to the total number of genes; top 3 genes: the top three genes that contain the largest number of binding sites; binding site ratio: the proportion of the number of binding sites contained by the top 3 genes to the total number of binding sites.