Supplemental Table S1. Defects of zygotic division.

Figure	Genotype	apical[1] (µm)	SD	group	basal[2] (µm)	SD	group	apical /basal[3]	SD	group	total[4] (µm)	SD	group	n
Fig. 1B	wild type	12.5	1.6	a	57.1	7.8	a,b	0.22	0.0	a	69.6	8.4	a,b	80
	ssp-2	15.0	2.6	c, d	46.5	8.3	c	0.34	0.1	b	61.5	8.3	c	129
	wrky2-1	18.3	4.5	e	38.6	6.0	d	0.49	0.2	c	56.9	5.9	d	80
	wrky2-1 ssp-2	17.3	4.0	e	35.2	7.1	e	0.52	0.2	c	52.5	6.9	e	153
	ssp-2 WOX8	13.5	1.8	a,b	56.0	6.6	a,b	0.24	0.0	a	69.4	6.8	a,b	113
	ssp-2 WRKY2	14.2	2.3	b, c	44.8	7.4	c	0.33	0.1	b	58.9	7.3	c,d	124
	ssp-2 WRKY2(Asp)	13.5	2.1	a, b	54.2	6.5	b	0.25	0.1	a	67.7	6.8	b	158
	ssp-2 WRKY2(Ala)	15.4	2.6	d	46.4	7.3	c	0.35	0.1	b	61.8	6.9	c	82
	wrky2-1 WRKY2(Asp)	12.9	2.4	e	58.4	7.3	a	0.22	0.0	a	71.3	8.0	a	107
Fig. 4B	wild type	12.5	1.6	a	57.1	7.8	a	0.22	0.0	a	69.6	8.4	a	80
	hdg11/12	13.3	2.0	a	46.6	8.2	c	0.29	0.1	b	59.9	8.6	c	161
	hdg11/12 HDG11	12.3	1.8	a	54.9	7.6	a,b	0.23	0.0	a	67.3	8.1	a,b	82
	hdg11/12 WOX8	12.1	1.9	a	53.1	7.3	b	0.23	0.0	a	65.2	8.2	b	90
	wrky2-1	18.3	4.5	b	38.6	6.0	d	0.49	0.2	c	56.9	5.9	c	80
	wrky2-1 hdg11/12	17.9	3.6	b	28.7	7.0	e	0.67	0.2	d	46.6	7.1	d	81
	ssp-2 wrky2-1 hdg11/12	18.3	3.7	b	28.5	7.0	e	0.69	0.3	d	46.7	7.0	d	84
	hdg11/12 pHTR10: HDG11-YFP	12.2	2.3	a	57.6	7.8	a	0.21	0.0	a	69.8	8.8	a	89
Fig. 5A	wild type	12.4	1.7	a	65.9	7.8	a	0.19	0.0	a	78.3	8.3	a	95
	hdg11/12	13.2	2.3	b	54.9	12.0	b	0.25	0.1	b	68.1	12.8	b	100
	hdg11/12 x wild type	13.3	2.3	b	53.2	10.9	b	0.26	0.1	b	66.5	10.8	b	80
	wild type x *hdg11/12*	12.1	1.5	a	62.6	9.1	a	0.20	0.0	a	74.7	9.4	a	80
	hdg11-1	12.6	2.0	a,b	62.1	7.6	a	0.21	0.0	a	74.7	8.2	a	101
	hdg12-2	12.3	1.8	a	63.3	8.8	a	0.20	0.0	a	75.6	9.0	a	80

[1, 2, 3, 4] Values are shown as means. The groups indicate the significantly associated categories ($P < 0.05$ by the Tukey-Kramer test). *hdg11/12*, *hdg11-1 hdg12-2* double mutant; *WOX8*, *pEASE:WOX8-YFP*; *WRKY2*, *pWRKY2:WRKY2-YFP*; *WRKY2*(*Ala*), *pWRKY2:WRKY2(Ala)-YFP*; *WRKY2*(*Asp*), *pWRKY2:WRKY2(Asp)-YFP*; *HDG11*, *pHDG11:HDG11-YFP*. The cross is denoted as female x male. The data of Figures 1B and 4B were obtained in one experiment, thus the wild-type values are identical.