

Supplementary Data

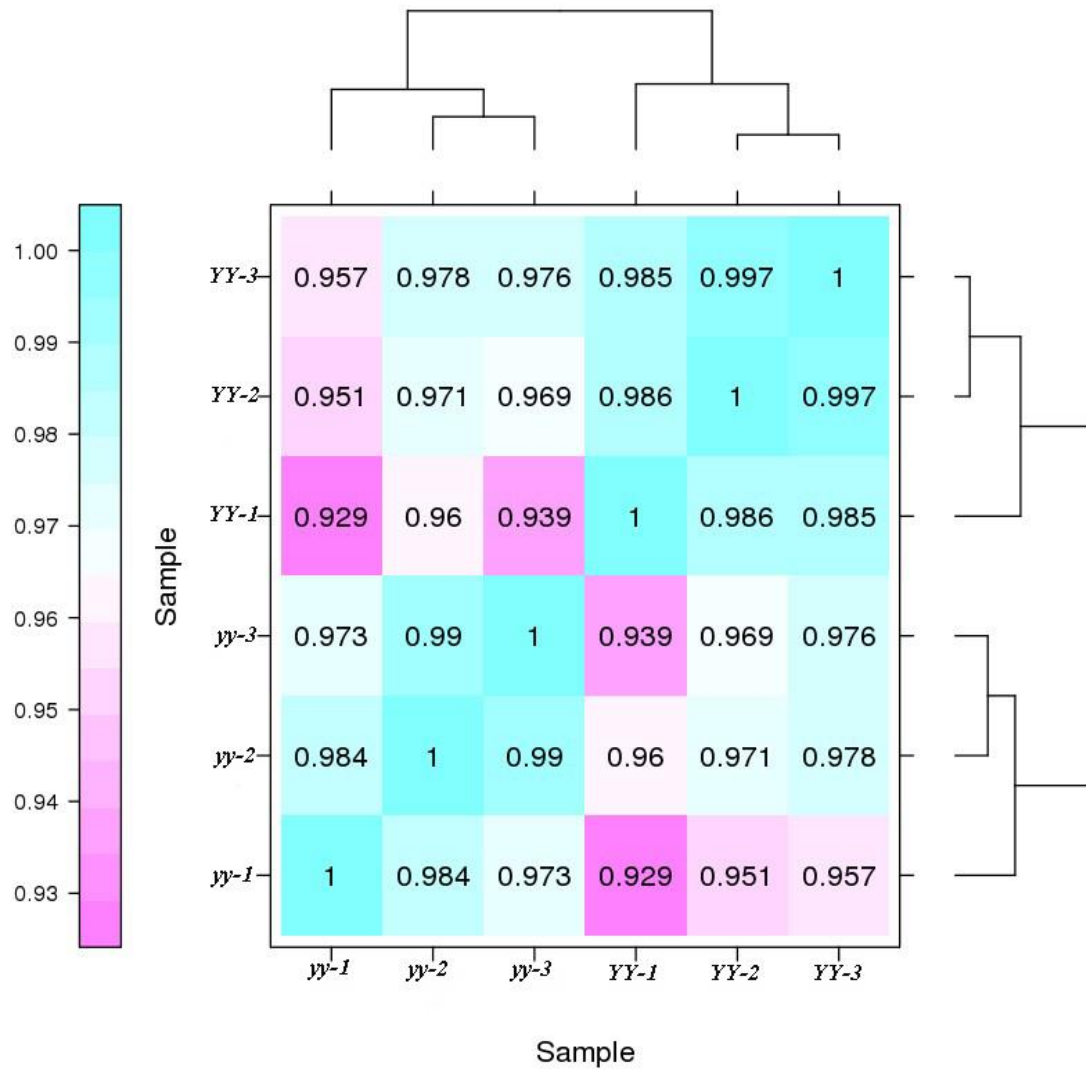


Fig. S1: The correlation values between the replicates of the samples

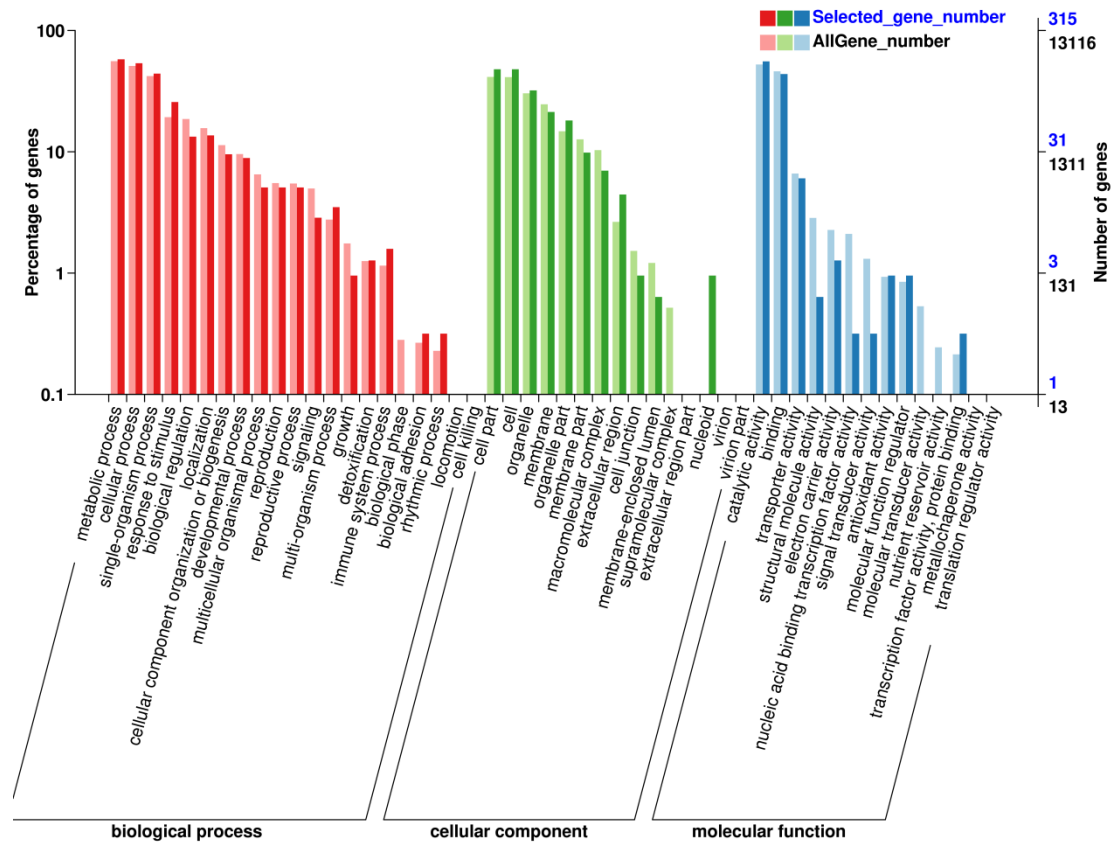


Fig. S2: The functions of the DEGs were identified by classifying all the DEGs into three categories

Table S1: All specific primers of DEGs were designed

Gene name	Forward:	Reverse:	Tm
<i>SiTUB</i>	TGGTGACCTCAACCACCTCAT	TGACAGCGAGTTTCCTGAGATC	60
LOC105158557	AATGGACGAGCACACCTTC	CCCTGGCTGAAACTATCCTG	60
LOC105156265	CGTCTCGTTGGGTATTCCTTT	TTTCTTGCTCGCTGATTCC	59
LOC105174113	TCAAACAGGAGGGCTCTACG	GGTGCCAGCAAGTTCAACAG	60
LOC105159469	CGGGAAGTTTCTGGATGCT	TGATTTGAGTTCACGAGCG	58
LOC105168418	GCTTGAAATGGAACCAGCA	TGAAGAGCGTTGTTGTGTCG	58
LOC105172598	GCCTTTCTCATTGGCACC	TCTCGGCAGTTCTTGACCA	59
LOC105174772	GGATTCCAGGTTGTGCTCAT	GCCAGCCTTCCATTCTTGAT	59
LOC105156736	GCATCAGGGTTTCACCAGA	ATGGGATTGCTCTTCGCT	58
LOC105159189	AGGACGAAACCATCTTGGC	CCGTATTCTTCAACCCTTGC	58
LOC105160285	ATCATCTTAGCAGCGGGCA	TCCTCAAACAGTCGGTCCA	60

Table S2: Different regions of the genome using *YY* and *yy*

Samples	Exon (%)	Intergenic (%)	Intron (%)
<i>yy-1</i>	93.87	3.23	2.90
<i>yy-2</i>	93.18	3.40	3.42
<i>yy-3</i>	93.42	3.60	2.98
<i>YY-1</i>	93.94	3.60	2.46
<i>YY-2</i>	92.53	3.59	3.88
<i>YY-3</i>	92.54	3.54	3.92

Table S3: Identification of gene transcripts

Gene_ID	FDR	log2FC	regulated	Family	N	Type
LOC105173242	8.94E-28	-2.12686	down	WRKY	1	TF
LOC105165874	4.20E-20	1.357193	up	NF-X1	1	TF
LOC105166495	0.010039	1.076938	up	NAC	2	TF
LOC105176086	3.75E-06	1.310036	up	NAC	4	TF
LOC105169642	0.016647	1.001597	up	MYB		TF
LOC105159189	0.003325	1.206401	up	MYB		TF
LOC105177766	5.59E-06	-1.16477	down	MYB		TF
LOC105167656	9.11E-07	-1.04431	down	MYB		TF
LOC105177943	1.11E-05	-1.62319	down	LOB	1	TF
LOC105166551	1.53E-08	-1.24073	down	HB-WOX	1	TF
LOC105177801	1.36E-09	-1.12442	down	GRAS	2	TF
LOC105170436	2.26E-06	1.443737	up	GRAS		TF
LOC105178471	1.11E-53	-1.32735	down	GARP-G2-like	1	TF
LOC105176601	2.33E-12	-1.23217	down	C2H2	2	TF
LOC105159111	0.000725	1.269643	up	C2H2		TF
LOC105167533	1.30E-38	-1.30429	down	C2C2	4	TF
LOC105168584	5.08E-10	-1.43861	down	C2C2		TF
LOC105156736	5.76E-33	-1.18353	down	C2C2		TF
LOC105160947	2.96E-09	-1.02218	down	C2C2		TF
LOC105165424	1.85E-17	-1.07972	down	bZIP	1	TF
LOC105177608	1.31E-91	-2.37769	down	bHLH	1	TF
LOC105164363	0.005486	1.0669	up	AP2/ERF-ERF	4	TF
LOC105179200	9.77E-11	1.387722	up	AP2/ERF-ERF		TF
LOC105160656	1.25E-19	1.592645	up	AP2/ERF-ERF		TF
LOC105161950	0.002364	1.222397	up	AP2/ERF-ERF		TF