

Supplementary Table S4 Putative miRNA and its corresponding target gene information

MiRNA	Transcript	Description
<i>PC-3p-25167_195</i>	<i>GRMZM5G803490</i>	uncharacterized protein LOC100284589
<i>PC-3p-46024_102</i>	<i>GRMZM2G104396</i>	Nuclear transcription factor Y subunit A-7
<i>PC-3p-77755_56</i>	<i>GRMZM2G025062</i>	AP2-EREBP transcription factor, partial
	<i>Zm00001d019824</i>	uncharacterized protein LOC100381531
	<i>GRMZM2G058948</i>	K(+) efflux antiporter 2, chloroplastic
<i>PC-3p-87703_49</i>	<i>GRMZM2G172529</i>	uncharacterized protein LOC100192543
	<i>GRMZM2G133006</i>	uncharacterized protein LOC100272795
<i>PC-3p-91946_46</i>	<i>GRMZM2G016602</i>	protein recA isoform X1
<i>PC-5p-46450_101</i>	<i>GRMZM2G009871</i>	putative TCP-1/cpn60 chaperonin family protein
	<i>GRMZM2G009871</i>	putative TCP-1/cpn60 chaperonin family protein
<i>PC-5p-58549_78</i>	<i>GRMZM2G421212</i>	GATA transcription factor 26
	<i>GRMZM2G175425</i>	uncharacterized protein LOC100275644
	<i>GRMZM2G140150</i>	Pyruvate dehydrogenase E1 component alpha subunit
	<i>GRMZM2G151387</i>	uncharacterized protein LOC100381870
	<i>GRMZM2G147811</i>	Protein kinase superfamily protein
<i>PC-5p-58650_78</i>	<i>GRMZM2G347043</i>	NAC1 transcription factor
	<i>GRMZM2G014022</i>	probable F-box protein At2g36090
<i>PC-5p-71261_62</i>	<i>GRMZM2G304712</i>	uncharacterized protein LOC100281303
	<i>GRMZM2G153815</i>	heat shock 70 kDa protein
<i>PC-5p-80184_54</i>	<i>GRMZM2G347043</i>	NAC1 transcription factor
	<i>GRMZM2G120320</i>	WRKY transcription factor WRKY71
	<i>Zm00001d037605</i>	GATA transcription factor 23
<i>PC-5p-8044_611</i>	<i>GRMZM2G006578</i>	putative bZIP transcription factor superfamily protein isoform X1
	<i>GRMZM2G120320</i>	WRKY transcription factor WRKY71
	<i>GRMZM2G086573</i>	AP2-like ethylene-responsive transcription factor AIL5
	<i>GRMZM2G006578</i>	putative bZIP transcription factor superfamily protein isoform X1
	<i>GRMZM2G127548</i>	BSD domain containing protein