

**Table S2.** The sequences and potential target genes of differentially expressed novel miRNAs in *C. album*.

miRNA ID	Sequence	Target gene ID	Target gene annotation
cal-undef-8	CGAAACCTGG CTCTGATACCA	TRINITY_DN10340_c0_g1	Retrovirus-related Pol polyprotein from transposon
		TRINITY_DN10343_c0_g1	Retrovirus-related Pol polyprotein from transposon
		TRINITY_DN12096_c1_g1	MADS-box protein
		TRINITY_DN13267_c0_g1	Unknown
		TRINITY_DN14719_c0_g2	Pentatricopeptide repeat-containing protein
		TRINITY_DN18942_c1_g2	Unknown
		TRINITY_DN21865_c0_g2	Unknown
		TRINITY_DN22930_c0_g2	Unknown
		TRINITY_DN26009_c0_g2	Unknown
		TRINITY_DN30521_c1_g2	Unknown
		TRINITY_DN30638_c0_g1	Unknown
		TRINITY_DN31271_c0_g2	Sphingoid long-chain bases kinase 1
		TRINITY_DN38248_c0_g1	Pentatricopeptide repeat-containing protein
		TRINITY_DN39002_c0_g2	Unknown
		TRINITY_DN39002_c0_g3	Retrotransposable element
		TRINITY_DN3929_c4_g2	Unknown
		TRINITY_DN40879_c0_g3	Unknown
		TRINITY_DN41514_c0_g1	Unknown
		TRINITY_DN41541_c0_g1	Unknown
		TRINITY_DN43183_c0_g1	Acetyl-coenzyme A synthetase
		TRINITY_DN44393_c1_g1	Unknown
		TRINITY_DN45148_c0_g1	Unknown
		TRINITY_DN5031_c0_g1	Unknown
		TRINITY_DN52179_c0_g1	Unknown
		TRINITY_DN5419_c0_g1	G-type lectin S-receptor-like serine/threonine-protein kinase
		TRINITY_DN58498_c0_g1	Unknown
		TRINITY_DN6730_c0_g1	E3 ubiquitin-protein ligase
		TRINITY_DN70205_c0_g2	Unknown
		TRINITY_DN93247_c0_g1	Peroxiredoxin
cal-undef-17	CGATCCCCGGC AACGGCGCCA	TRINITY_DN14793_c1_g1	Retrovirus-related Pol polyprotein from transposon
		TRINITY_DN28540_c0_g2	Unknown
		TRINITY_DN5169_c0_g1	Large ribosomal RNA subunit accumulation protein
		TRINITY_DN8192_c1_g1	Unknown
cal-undef-161	TTCCCCAGTGG AGTCGCCA	TRINITY_DN1179_c0_g1	Late embryogenesis abundant hydroxyproline-rich glycoprotein family isoform 1
		TRINITY_DN14582_c0_g1	Heterogeneous nuclear ribonucleoprotein 1

		TRINITY_DN1877_c0_g1	Peptidyl-prolyl cis-trans isomerase CYP26-2
		TRINITY_DN19940_c0_g1	Unknown
		TRINITY_DN24634_c0_g4	Phosphate dikinase
		TRINITY_DN3819_c0_g1	Unknown
		TRINITY_DN39553_c0_g1	Zinc finger protein
		TRINITY_DN4418_c0_g1	Glutamate-1-semialdehyde 2,1-aminomutase
		TRINITY_DN45016_c0_g1	Bifunctional fucokinase/fucose pyrophosphorylase
		TRINITY_DN47412_c0_g2	Amidase 1
		TRINITY_DN5262_c0_g1	4-coumarate-coA ligase 1
		TRINITY_DN5801_c0_g1	Beta-galactosidase
		TRINITY_DN893_c1_g1	OTU domain-containing protein 5
		TRINITY_DN95975_c0_g1	60S ribosomal protein
		TRINITY_DN9617_c0_g1	Trihelix transcription factor
cal-undef-190	TCTTCCCAACA CCTCCCAT	TRINITY_DN10695_c0_g1	Putative disease resistance RPP13-like protein
		TRINITY_DN11615_c1_g2	Unknown
		TRINITY_DN14504_c0_g1	Unknown
		TRINITY_DN19207_c0_g1	E3 ubiquitin-protein ligase
		TRINITY_DN20014_c0_g1	Putative disease resistance RPP13-like protein
		TRINITY_DN2008_c0_g1	Tubulin beta 2
		TRINITY_DN21261_c0_g1	Unknown
		TRINITY_DN23581_c0_g1	Unknown
		TRINITY_DN246_c0_g3	Unknown
		TRINITY_DN24912_c0_g1	Sigma intracellular receptor 2
		TRINITY_DN31347_c0_g2	Unknown
		TRINITY_DN33998_c0_g1	Unknown
		TRINITY_DN43046_c0_g2	Unknown
		TRINITY_DN60763_c0_g2	Unknown
		TRINITY_DN6369_c0_g1	Hydroxyproline O-galactosyltransferase
		TRINITY_DN6473_c1_g1	Probable protein phosphatase 2C
		TRINITY_DN6514_c4_g1	Unknown
		TRINITY_DN6610_c0_g1	Calcium-transporting ATPase 13
		TRINITY_DN6653_c0_g1	Protein arginine N-methyltransferase
		TRINITY_DN6665_c1_g2	Unknown
		TRINITY_DN6722_c0_g1	Pentatricopeptide repeat-containing protein
		TRINITY_DN6925_c0_g1	Rac-like GTP-binding protein
		TRINITY_DN71390_c0_g2	Unknown
		TRINITY_DN770_c0_g1	Probable disease resistance protein
		TRINITY_DN79430_c0_g1	Unknown
		TRINITY_DN824_c0_g1	Acidic leucine-rich nuclear phosphoprotein 32
		TRINITY_DN93170_c0_g1	Unknown
		TRINITY_DN94288_c0_g1	Protein reduced wall acetylation 1
		TRINITY_DN95_c0_g1	Unknown

---

cal-undef-204	CGTTTCACGTC GGGTTACCA	TRINITY_DN14332_c0_g1	WD repeat-containing protein
		TRINITY_DN47233_c0_g1	Unknown
		TRINITY_DN52636_c0_g1	Protein kinase family protein
		TRINITY_DN73833_c0_g1	Unknown
		TRINITY_DN91086_c0_g1	Unknown

---