

Table 3 Transcription factors of miRNA target genes

miRNA name	Target genes	Classification	Annotation
novel_122	c131734_g1	AP2-EREBP	Ethylene-responsive transcription factor WIN1
vvi-miR393b	c133787_g3	AP2-EREBP	Ethylene-responsive transcription factor ERF095
novel_131	c143355_g1	AP2-EREBP	Ethylene-responsive transcription factor 1B
vvi-miR172d	c145738_g2	AP2-EREBP	Floral homeotic protein APETALA 2
vvi-miR167c	c145911_g2	ARF	Auxin response factor 8
vvi-miR167c	c142995_g1	ARF	Auxin response factor 6
vvi-miR160c	c105552_g2	ARF	Auxin response factor 22
vvi-miR160c	c138760_g3	ARF	Auxin response factor 18
vvi-miR160c	c144604_g2	ARF	Auxin response factor 18
novel_65	c128190_g2	ARID	AT-rich interactive domain-containing protein 2
novel_65	c136889_g1	ARR	Two-component response regulator ARR12
novel_65	c121580_g1	bHLH	Transcription factor bHLH96
novel_115	c145849_g5	bHLH	Transcription factor bHLH63
novel_28	c142451_g1	bHLH	Transcription factor bHLH140
novel_65	c140877_g1	bHLH	Transcription factor bHLH112
novel_122	c120785_g1	bHLH	Putative transcription factor bHLH041
vvi-miR166a	c147128_g3	HD-ZIP	Homeobox-leucine zipper protein ATHB-15
novel_65	c143290_g5	C2C2-Dof	Dof zinc finger protein DOF2.4
vvi-miR156a	c142141_g3	C2C2-Dof	Dof zinc finger protein DOF1.4
novel_22	c147552_g4	C3H	Zinc finger CCCH domain-containing protein 53
vvi-miR396b	c141369_g1	C3H	Zinc finger CCCH domain-containing protein 45
novel_113	c138573_g1	C3H	Zinc finger CCCH domain-containing protein 32
novel_36	c144893_g1	C3H	Zinc finger CCCH domain-containing protein 30
novel_65	c116662_g2	C3H	Zinc finger CCCH domain-containing protein 19
novel_14	c146236_g3	C3H	Zinc finger CCCH domain-containing protein 18
novel_65	c133527_g1	C3H	Zinc finger CCCH domain-containing protein 1
novel_118	c143725_g1	FAR1	Protein FAR1-RELATED SEQUENCE 7
novel_14	c128321_g1	FAR1	Protein FAR1-RELATED SEQUENCE 6
novel_65	c129367_g1	FAR1	Protein FAR1-RELATED SEQUENCE 5
vvi-miR172c	c144198_g1	FAR1	Protein FAR1-RELATED SEQUENCE 3
novel_35	c120645_g1	FAR1	Protein FAR1-RELATED SEQUENCE 1
vvi-miR166a	c138612_g2	GRF	Growth-regulating factor 5
novel_65	c129141_g1	HMG	High mobility group B protein 3
novel_54	c129692_g1	HMG	High mobility group B protein 13
vvi-miR167a	c104063_g1	LIM	LIM domain-containing protein WLIM2b
vvi-miR156b	c138027_g1	LIM	LIM domain-containing protein WLIM1
novel_115	c98901_g1	LOB	LOB domain-containing protein 16
novel_115	c147951_g1	LOB	LOB domain-containing protein 1
novel_118	c133888_g2	MADS	MADS-box protein SVP
novel_65	c135878_g1	MYB	Putative Myb family transcription factor
novel_14	c137136_g2	MYB	Myb-related protein 306
vvi-miR156a	c113937_g1	MYB	Myb family transcription factor APL
novel_65	c11831_g1	MYB	Myb-related protein Myb4
vvi-miR845c	c117042_g1	MYB	Transcription factor MYB86
vvi-miR319e	c140676_g1	MYB	Transcription factor GAMYB O
vvi-miR156a	c216848_g1	MYB	Transcription factor MYB1R1
vvi-miR845c	c137982_g4	NAC	NAC domain-containing protein 92
novel_99	c132861_g1	NAC	NAC domain-containing protein 83
novel_115	c102661_g1	NAC	NAC domain-containing protein 72
vvi-miR164a	c90459_g1	NAC	NAC domain-containing protein 21/22
vvi-miR164a	c226976_g1	NAC	NAC domain-containing protein 100

Continued Table 3

miRNA name	Target genes	Classification	Annotation
novel_22	c114501_g1	OFP	Transcription repressor OFP6
novel_65	c123197_g1	OFP	Transcription repressor OFP5
novel_65	c127257_g1	PHD	PHD finger protein ALFIN-LIKE 1
vvi-miR156a	c122320_g1	SPL	Squamosa promoter-binding-like protein 9
vvi-miR156a	c125779_g1	SPL	Squamosa promoter-binding-like protein 7
vvi-miR156a	c128207_g5	SPL	Squamosa promoter-binding-like protein 2
vvi-miR156a	c126110_g2	SPL	Squamosa promoter-binding-like protein 16
vvi-miR156a	c140764_g2	SPL	Squamosa promoter-binding-like protein 16
vvi-miR156a	c142145_g3	SPL	Squamosa promoter-binding-like protein 12
vvi-miR156a	c142145_g2	SPL	Squamosa promoter-binding-like protein 12
vvi-miR156a	c147806_g3	SPL	Squamosa promoter-binding protein 1
novel_122	c146534_g1	TCP	T-complex protein 1 subunit eta
vvi-miR397a	c168750_g1	TCP	T-complex protein 1 subunit alpha
novel_65	c145572_g4	Trihelix	Trihelix transcription factor GT-2
novel_65	c145572_g3	Trihelix	Trihelix transcription factor GT-2
vvi-miR156b	c131680_g1	WRKY	WRKY transcription factor 6
novel_65	c170532_g1	WRKY	WRKY transcription factor 22
novel_65	c29312_g1	WRKY	Probable WRKY transcription factor 65
novel_113	c145222_g2	WRKY	Probable WRKY transcription factor 13