

Supplemental Table 4. Primers used in this study

Primer name	Sequence	Target
S_4220_F	CACGTTCTTCAGCCGCAATTTTCA	miR1850 transcript
S_4220_F2	GGTAGGTTTCATGGTAGGTTGTTGT	miR1850 transcript
S_4220_R	CAGCCCGTCTTTCTATTGTGTT	miR1850 transcript
S_4220_R2	GTGGATTGAAAATTGCGGCTGAAG	miR1850 transcript
R_6759_F	GCAGACTCAACTAGAGCAAATAACT	miR1428d,e transcript
R_6759_F2	CCCCGTGACATGCTAAGCCAGAAA	miR1428d,e transcript
R_6759_R	GGCTCTAACCAGACAACACATGAA	miR1428d,e transcript
TAS3a1_F1	CGTTGCGGTGGAGATGATGAGTT	<i>TAS3a1</i> transcript
TAS3a1_F2	CCTCCCATCTTTCTCCTAGTTCTT	<i>TAS3a1</i> transcript
TAS3a1_R1	GACCGAGAGAGAAGGCAAGAACTAGGA	<i>TAS3a1</i> transcript
TAS3a1_R2	GAGGTTTTGAAGAAGGATGTGGA	<i>TAS3a1</i> transcript
TAS3b1_F1	CGCCCCCTCTCTCGTTCTATTCTC	<i>TAS3b1</i> transcript
TAS3b1_F2	CACTCCTCCCATCTTCTTTGT	<i>TAS3b1</i> transcript
TAS3b1_R1	GAGGACGAGAAATGTTGGCAAGGAT	<i>TAS3b1</i> transcript
TAS3b1_R2	GACACCGCTTAACATCATTCAT	<i>TAS3b1</i> transcript
TAS3b2_F1	GGAGAGCATCGCCATTGCTGTTGT	<i>TAS3b2</i> transcript
TAS3b2_F2	GGCTGATGATGATGAGGAGGATGA	<i>TAS3b2</i> transcript
TAS3b2_R1	CCACAAAGCTCAGGAGGGATAGAC	<i>TAS3b2</i> transcript
TAS3b2_R2	GGGATAGACAGAAATGGCAGAGA	<i>TAS3b2</i> transcript
OSK35_R	GCCTCCCATTTACATCACCGTTATC	Cleavage of Os03g17980 by miR1428e_3p
OSK35_R1	CGGGAAGAAAGTCACAGCTGCCTAT	Cleavage of Os03g17980 by miR1428e_3p
OSK24_R	CCTCCCGTTTACATCGCCATTATCCA	Cleavage of Os08g37800 by miR1428e_3p
OSK24_R1	GCCCCGTAACCTCTGCATATCCA	Cleavage of Os08g37800 by miR1428e_3p
05g51790_R1	GTCCCTTTAGTTGTAGTTCTTGTG	Cleavage of Os05g51790 by miR1861h,j
05g51790_R2	CTGCCGGACACGTTCAACATCTT	Cleavage of Os05g51790 by miR1861h,j
AK068321_R1	CCGTTCTGTTCCAGCTCAAAGTACA	Cleavage of AK068321 by miR1850
AK068321_R2	CGCCGCATCAAGAATATCCCTAAGA	Cleavage of AK068321 by miR1850
08g39890_R1	CGATGCGTGCTGGGCTGGA	Cleavage of 08g39890 by miR529b
08g39890_R2	CGCTCCGACCACCACCTCAT	Cleavage of 08g39890 by miR529b
04g43210_R1	GAGGCCGATGTCGCGCCTTTGGA	Cleavage of 04g43210 by 06g21900_P6_5'
04g43210_R2	GACACGTCGGGACGGTATCTCTT	Cleavage of 04g43210 by 06g21900_P6_5'
12g17310_R1	CCCCAGGAAGATGTGAAGGAGAA	Cleavage of 12g17310 by 06g21900_P6_3'
12g17310_R2	CGTCGGCATGATTCTTCTTCTTA	Cleavage of 12g17310 by 06g21900_P6_3'
miR390T_Ch3_R1	GGGATAGACCGAGAGAGAAGGCAA	miR390 mediated cleavage of <i>TAS3a1</i>
miR390T_Ch3_R2	GGGATAGACCGAGAGAGAAGGCAA	miR390 mediated cleavage of <i>TAS3a1</i>
miR390T_Ch3_R3	GAGCAAGGCGGCAAAGATCCAAAT	miR390 mediated cleavage of <i>TAS3a1</i>
miR390T_Ch3_R4	CACGCAAGCAATAATATTACAA	miR390 mediated cleavage of <i>TAS3a1</i>
miR390T_Ch2_R1	CTCAAGAGGGATAGAGCGGGACAAA	miR390 mediated cleavage of <i>TAS3b1</i>
miR390T_Ch2_R2	CGAGAGGACGAGAAATGTTGGCA	miR390 mediated cleavage of <i>TAS3b1</i>
miR390T_Ch2_R3	CACGGACGAAACAACACACAGCAT	miR390 mediated cleavage of <i>TAS3b1</i>
miR390T_Ch2_R4	GGCATATCTTCTTTCCCTGTTAGT	miR390 mediated cleavage of <i>TAS3b1</i>
miR390T_Ch4_R1	GGCAGAGAGGAGATGGGTGGTAGA	miR390 mediated cleavage of <i>TAS3b2</i>
miR390T_Ch4_R3	GCCCTTCAGCACACATTACAAACA	miR390 mediated cleavage of <i>TAS3b2</i>
miR390T_Ch4_R4	TCAGCACACATTACAAACACGT	miR390 mediated cleavage of <i>TAS3b2</i>
01g48060_R1	TCCCCAAGCCTGAGCAATGGTA	Cleavage of Os01g48060 by ta-siARF
01g48060_R2	CCCCAAGTCTCGGAACCCCTAA	Cleavage of Os01g48060 by ta-siARF
01g54990_R1	CTGTCAACCTCCCTTCCACCATTA	Cleavage of Os01g54990 by ta-siARF
01g54990_R2	GGCTTAGTAGCATTCCAGGTGTT	Cleavage of Os01g54990 by ta-siARF
01g70270_R1	GCGGTCTAATCACTCTTGGCTGTT	Cleavage of Os01g70270 by ta-siARF
01g70270_R2	CTGAAATTCTGTGGTCGGTCTCT	Cleavage of Os01g70270 by ta-siARF
05g43920_R1	CCTTTGTTGTTGGTTCCGCTTACTGT	Cleavage of Os05g43920 by ta-siARF
05g43920_R2	CAGAACCGACGAGGGAGAAGATA	Cleavage of Os05g43920 by ta-siARF
454 primer B	GCCTTGCCAGCCCGCTCAGATTGATGGTGCCTACAG	Small RNA library construction, in combination with one of the following
454 primer A1	GCCTCCCTCGCGCCATCAGATCGTAGGCACCTGATA	Shoot small RNA library
454 primer A2	GCCTCCCTCGCGCCATCAGATCGTAGGCCACTGATA	Root small RNA library
454 primer A3	GCCTCCCTCGCGCCATCAGATCGTAGGCTCCTGATA	1-5 DAF grain small RNA library
454 primer A4	GCCTCCCTCGCGCCATCAGATCGTAGGCGTCTGATA	6-10 DAF grain small RNA library