

Supplemental\_Table\_S1

Primers		Target	Sequence	Application
977	F	Actin2	TCATACTAGTCTCGAGAGATGACTCAGATCATGTTTGAG	RT-PCR
978	R	Actin2	TCATTCTAGAGGCGCCACAATTTCCCGTTCTGCGGTAG	RT-PCR
1346	F	Actin2	GCCATCCAAGCTGTTCTCTC	ChIP
1347	R	Actin2	CCCTCGTAGATTGGCACAGT	ChIP
1270	F	Actin7	TCGTGGTGGTGAAGTTTGTAC	qPCR
1271	R	Actin 7	CAGCATCATCACAAGCATCC	qPCR
2287	R	Actin 7	AGCACGGATCGAATCACATA	ChIP
2288	F	Actin 7	CTCGTGCTTCTCGAATCTT	ChIP
412	F	AtSN1	ACTTAATTAGCACTCAAATTAACAATAAAGT	chop PCR
413	R	AtSN1	TTTAAACATAARAARAARITCCTTTTTCATCTAC	chop PCR
1928	F	AT2TE82000	CCAGTGGTGGGAGAAGATTTGGGG	Chop-PCR
1929	R	AT2TE82000	ACCACCACACTGTCTGCCCGA	Chop-PCR
2046	F	AT3G48131	GAGTGTATACGCCCTCAAAGGA	RT- PCR
2047	R	AT3G48131	CCTGAGATCTTGAAGTTCGTT	RT- PCR
2289	F	AT3G48131	TTTGTGAGGGATAAGGTATTTT	bisulfite
2290	R	AT3G48131	CACATAAATCTAAAAAATTTCTCC	bisulfite
2840	F	AT4G04920	CTTAAGCAGCCCAATTCCAA	ChIP
2841	R	AT4G04920	TACGGCACAAATTCAGGAACA	ChIP
2048	F	AT4TE20140	GTAACAGTTTGGTGAGAAGCC	RT- PCR
2049	R	AT4TE20140	GCGAACCTACATCTTGGTCTAT	RT- PCR
2720	F	AT1g56090	CGCCCGTATTTGTTTCG	ChIP
2721	R	AT1g56090	TGCCATAACGTGTCACATTC	ChIP
2777	F	AT1g56090	ATTTGGATTGGATTATAATTATATGAAT	bisulfite
2778	R	AT1g56090	AAAAAAAAAAAAAAAAAAAAAAACRT	bisulfite
2840	F	At4g04920 (Cont 1)	CTTAAGCAGCCCAATTCCAA	ChIP
2841	R	At4g04920 (Cont 1)	TACGGCACAAATTCAGGAACA	ChIP
2842	F	At4g04920 (Cont 2)	GCCCTCAGATCAAGATTCCA	ChIP
2843	R	At4g04920 (Cont 2)	GGAAACCGGTGAGCAACTA	ChIP
2698	F	AT5g52070	CATCTGATTCTTAACACCACCTACTCA	ChIP
2699	R	AT5g52070	ATGCTCTGAGCTGCCACGTT	ChIP
2779	F	AT5g52070	TGTAATYGAAAATGAATTTTATTTAAA	bisulfite
2780	R	AT5g52070	TAATAAACTCCACTTCAAACCTCA	bisulfite
862	F	IG-line	AACTAACGTCATTACATACATCTTG	qPCR, RT- PCR
863	R	IG-line	AATTAGGATCTTGTTCAGCTA	qPCR, RT- PCR
1707	F	IGN5	AAGCCAAACCATACACTAATAATCTAAT	qRT PCR
1708	R	IGN5	CCGAATAACAGCAAGTCTTTAATA	qRT PCR
2185	F	IGN22	CGGGTCTTGGACTCCTGAT	ChIP, qRT PCR
2186	R	IGN22	TCGTGACCCGGAATAATTAATGG	ChIP, qRT PCR
2245	F	IGN23	ACTGAAAATGTAAACAAGAAAACCGCACTACA	chop PCR
2246	R	IGN23	GATCGGTCCATAAAGCTTGTGGGTTT	chop PCR
2692	F	IGN23	GCCATTAGTTTTAGATGGACTGCAA	qRT PCR
2693	R	IGN23	GGCGAACCTGGAGAAAGTT	qRT PCR
2247	F	IGN25	CTTCTTATCGTGTACATTGAGAACTTTCC	chop PCR
2248	R	IGN25	ATTCGTGTGGCTTGGCTCTT	chop PCR
2816	F	IGN25	TCAAACCAAACCCGAACTT	qRT PCR
2817	R	IGN25	ATGCCAGAGCCTGGTGCTA	qRT PCR
2718	F	IGN27	GGATTAAACGACATTTTCCCTTCA	qRT PCR
2719	R	IGN27	GGCTTAGGGCCGTAATAATAAAT	qRT PCR
2858	R	IGN27	CTTCTTCTTCCGGCCGAGC	chop PCR
2859	F	IGN27	CGACGCTATAATGTGGCCTCG	chop PCR
2187	F	P9	CCGTTTCTGGGTAGGTCGGC	qRT PCR
2188	R	P9	CCAATCTTGGACTGGAGTGGAC	qRT-PCR
410	F	RdRP	GGAGAGAGGCTTGTGGATACTGC	chop PCR
411	R	RdRP	GAACACGCATGACAGTGGGTGGAG	chop PCR
1696	F	SB2-2	GAATACCAGGAGGTTCTGGG	qRT PCR
1697	R	SB2-2	AACCAAGTCTCGTTAGCTCA	qRT PCR
2306	F	SB2-2	ATTTGTTAGTGTAAATTTATAAGTTTGAAG	bisulfite
2307	R	SB2-2	ATACAAAATAAAAAATAAAGTCTCTAATCA	bisulfite
2282	F	SB2-2	ATAAGAGATTTGTGTATTAATGG	ChopPCR
2283	R	SB2-2	TGAAAGGTGAGCTCTCTAATC	ChopPCR
769	F	soloLTR	AATGCATTACAAAAACCTTCTGA	chop PCR
770	R	soloLTR	GGATCCACGATTAGAGAACGTAGA	chop PCR
1705	F	soloLTR	GGATAGAGATGAATGATGGATAATGACA	ChIP
1706	R	soloLTR	TTATTTTATCAGTGTATAAACCCGGATA	ChIP
721	F	Spt5	GTCGACGAGAATGATGCTTGGTTAGAGCTC	cloning
722	R	Spt5	CCCAGGCAATCCGGTTTTTTTGTACCCGGTCCCC	cloning
643	F	Spt5	GCATCTGCTGAGGTTTCGCG	cloning
1011	R	Spt5	TACCCGGGACTGCCCGCAATGGGTTCTGTAAAGGAGGACATG	cloning
<b>Probes</b>				
739		45S	GTCTGTTGGTGCCAAGAGGGAAAAGGGCTAAT	
421		miR159	TAGAGCTCCCTCAATCCAAA	
791		Rep2	GCGGGACGGGTTTGGCAGGACGTTACTTAAT	
2353		SB2-2	AAGCTTAGAGGTCGCCGGTTCGAGTAATGCTTGGAAACGAAACT	
427		siRNA02	GTTGACCAGTCCGCCAGCCGAT	
3306		IGN27-F	TTAACCTATAAACGTCACCCG	
3307		IGN27-R	CATCAACTTACAATTGACTAAC	
3300		AT5g52070-F	GATTAGACTACTCTCCACATG	
3301		AT5g52070-R	AGTATTGATAGCCGATAC	
3302		At1g56090-F	TTTAGGCATTTACGCCCTGTG	
3303		At1g56090-R	ATGTTTGTATTTTGAAGGAAAG	
<b>Peptides</b>				
		AGO4	ELKKRNPENGEFE	1/15000
		NRPE1	CDKKNSETESDAAAWG	1/3000
		NRPE5	KHSLKPQHQLNDE	1/1500
		DRD1	VHKRKNQVDDGPEAC	1/1000
		SPT5I	GKQNDGGGSSWGKQ	1/1000