

## Appendix

**Table S1- Primer sequences**

Gene Name (ID)	Primer Name	Primer Sequence
EXPA1 (AT1G69530)	EXPA1 RT-fwd	AAGGCTATGGAACCAACACG
	EXPA1 RT-fwd	GTTGTTCCGGTAAGGCGTTGT
	EXPA1 ChIP1 fwd	GTCGTTAAAACCGGCTTCG
	EXPA1 ChIP1 rev	GATGGTAGGAACAATGGCAAA
	EXPA1 ChIP2 fwd	AAAAACTATGTCTCGCAGAATGAA
	EXPA1 ChIP2 rev	TGCATATAAGTCAGAAAATAAAGAGCA
	EXPA1 ChIP3 fwd	TGATGAAAAAGAAGAGAGAAATGAAA
	EXPA1 ChIP3 rev	TTTGAAAAACACGTGACCA
	EXPA1 ChIP4 fwd	TTTTCTTTGGTAAAATGCAAAACA
	EXPA1 ChIP4 rev	CCAAACGTTAACATGCGGTA
	EXPA1 ChIP5 fwd	CATGCGGAGCTATCTCTGTG
	EXPA1 ChIP5 rev	ATTTTCTGAGAGAAACAAAACAAAA
	EXPA1 ChIP6 fwd	CCCTAATAAATACATTTGCAGAAACA
	EXPA1 ChIP6 rev	AATTTTTACATGTGTTTGGTGATGA
	EXPA1 ChIP7 fwd	CCAGACACGACTTCTTCATCG
	EXPA1 ChIP7 rev	GTTTCGATGCGTAACCATCTT
	EXPA1 ChIP8 fwd	CTCCAGCCTCCATATTGACC
	EXPA1 ChIP8 rev	TCAAGAAACAATTTAAGCTTGAGAAA
	EXPA1 ChIP9 fwd	GGTTTTTGGTCCCCAACAAATA
	EXPA1 ChIP9 rev	GCAATTTTATTTTTCTGGTTTTTCA
EXPA1 ChIP10 fwd	TCCAATTCTAAACCAAACAACAGA	
EXPA1 ChIP10 rev	TTGGAAGGTTTGATCTTTCTTCTT	
	pEXPA1 fwd	TCTGGTCACGTGTTTTTCCA
	pEXPA1 rev	CGTTCTTTTTCTTTTTGTGTAAA
	gEXPA1 fwd	ATGGCTCTTGTCACCTTCTTGT
	gEXPA1 rev	AGCACTCGAAGCACCCTTC
EXPA10 (AT1G26770)	pEXPA10 fwd	AGCGGAAACGATGAAAAAGA
	pEXPA10 rev	GGGTGATATAAAATCAATTACTTA
	gEXPA10 fwd	ATGTGCAGGTTGTTAACACA
	gEXPA10 rev	TTAACGGAAGTGTCCACC
EXPA14 (AT5G56320)	pEXPA14 fwd	TTCCATTTGCACGGAAAAGT
	pEXPA14 rev	TTTCTCTGCCTTTTTATTCTCTAC
	gEXPA14 fwd	ATGGAGTTTTTTGGTAAA
	gEXPA14 rev	AAAAATTATAAATTAACCTGA
EXPA15 (AT2G03090)	pEXPA15 fwd	GCAAAATACTGCAAGGAAGACA
	pEXPA15 rev	TCTCTTTGAGAAAGTGCAGAGC
	gEXPA15 fwd	ATGTTTCATGTAATATAACATC
	gEXPA15 rev	AATCACACAAAACAGATAAAAT
AHA1 (AT2G18960)	AHA1 RT fwd	AATTTTCGCCACTGGAATTG
	AHA1 RT rev	ACCAACTCCTTGACCTGGTG
	AHA1 ChIP int4 fwd	TTTTTGAAGTCTTTGTCTTTTG
	AHA1 ChIP int4 rev	GTCCGGTTAAGGGTATTTTCG
	AHA1 neg4 fwd	GGCACAAGCTCAAAGGACAT
	AHA1 neg4 rev	GCTATCTCGGCCCTTCTCTT
	pAHA1 fwd	AAATGAGAAAAACCTGCCATA
	pAHA1 rev	CTTCACCCAGAAGAAATCAACA
	gAHA1 fwd	ATGTCAGGTCTCGAAGATATCAA

	gAHA1 rev	CACAGTGTAGTGATGTCCTGCTG
AHA2 (AT4G30190)	AHA2 RT fwd	TGCTCAAAGGACACTTCACG
	AHA2 RT rev	GCCCTTTAGCTTCACGACTG
	AHA2 ChIP int2 fwd	CGGTTACAAAATCATCAAAGTTTTC
	AHA2 ChIP int2 rev	CGATCAGATGACCAAATCCAA
	AHA2 ChIP int4 fwd	GCTGGAATCAGGGAAGTTCA
	AHA2 ChIP int4 rev	TCTGTGCCAGTTACCACTGC
	AHA2 neg4 fwd	TGTTGCTGATGCTACAGATGC
	AHA2 neg4 rev	TGGAAAATAGCTCTGCTGGTG
	pAHA2 fwd	GGACAAATTTTGCCTCTTTCC
	pAHA2 rev	CTCTCACCACTCCTTGACTGAG
	gAHA2 fwd	ATGTCGAGTCTCGAAGATATCAA
	gAHA2 rev	CACAGTGTAGTGACTGGGAGTTT
ACT2 (AT3G18780)	ACT FW	CCTTCTCAACGCCGAGCTGATTAA
	ACT RV	GTGGATTCCAGCAGCTTCCAT