

Additional file 2: Oligonucleotides used in this study.

Primers for gene SOEing			
<i>cg2502del1</i>	GATCTAGAATTCACCACTCGTCCTCGACAT		
<i>cg2502del2</i>	TTCAGCCTCGTGACTACT-GGTTCCGGTAGACGGTTGT		
<i>cg2502del3</i>	AGTAGTCACGAGGCTGAA		
<i>cg2502del4</i>	GATCTAGGATCCGTTGTCGATGGCGTTGA		
Primers for protein tagging			
<i>cg2502_fwd_5Strep</i>	ATGGTAGGTCTCAGCGCCGTGGGTATCAATCGCATCAGCC		
<i>cg2502_rev_5Strep</i>	ATGGTAGGTCTCATATCACGTAACCTTTTCCTTACAATCAGCG		
Primers for promoter activity tests			
<i>cg2502_GFP1</i>	GCGTCTCACTAGTATTCACTTGCCGAACCA		
<i>cg2502_GFP2</i>	GCGTCTCAGATCCGTTGATCCTCCTCAATG		
<i>cg2500_GFP1</i>	GCGTCTCACTAGATGTTGCTTCCGCTGACC		
<i>cg2500_GFP2</i>	GCGTCTCAGATCTCCGTCTTAGGCTAGGT		
<i>cg0042_GFP1</i>	GCGTCTCACTAGCAAGCCGTGCGACATAGC		
<i>cg0042_GFP2</i>	GCGTCTCAGATCGAGCGCGATGTGATTGCC		
<i>cg2911_GFP1</i>	GCGTCTCACTAGGTTCTGCGGAGAGTTGCT		
<i>cg2911_GFP2</i>	GCGTCTCAGATCAGCAGCCAGCTAGTACCA		
Primers for complementation			
<i>cg2502_compl1</i>	GATCTAGAATTCGTGGGTATCAATCGCATC		
<i>cg2502_compl2</i>	GATCTAGGATCCGTCGAGCACTCACATGTT		
Oligonucleotides for RACE-PCR			
<i>cg0042_SP1</i>	CACTCCGGCTGACATGAT		
<i>cg0042_SP2</i>	TGCGCCGAACATGAGATT		
<i>cg0042_SP3</i>	TAGTGATGCCGTGGCTAC		
<i>cg0794_SP1</i>	CGGCATTGGTTTCGAGAT		
<i>cg0794_SP2</i>	CGGAATCCACGAGGTCTT		
<i>cg0794_SP3</i>	ATGCATCCGTTGGTCAGT		
<i>cg0795_SP1</i>	GCGTCGTCAAGCGTTATG		
<i>cg0795_SP2</i>	AAGCGTTATGGCGAAGGT		
<i>cg0795_SP3</i>	TGGTGACGCCATAGGAAC		
<i>cg2911_SP1</i>	CCGTAGAGCCAGGAATCA		
<i>cg2911_SP2</i>	CGCCACCGACGATAATGA		
<i>cg2911_SP3</i>	CGGAAGGCTCGAAGGAAT		
Oligonucleotides for RT-PCR			
LCPrimer1_ <i>cg0041</i>	GATCTCATCGTGGCCAAT	LCPrimer1_ <i>cg1447</i>	TTCAGCAGCGCAGTTATG
LCPrimer2_ <i>cg0041</i>	CGGTGACTTCCTCATCAA	LCPrimer2_ <i>cg1447</i>	GTAGGTCGCACGAGAAGT
LCPrimer1_ <i>cg0042</i>	TAGCCACGGCATCACTAT	LCPrimer1_ <i>cg3138</i>	GGAACACTTGCGGTTACG
LCPrimer2_ <i>cg0042</i>	GTTGCAATGGCGATGATG	LCPrimer2_ <i>cg3138</i>	TACCTGCCACACGATGAT
LCPrimer1_ <i>cg0043</i>	CATGCACATACGGCAATC	LCPrimer1_ <i>cg3139</i>	CCTTGATCCGGCAGTCTA

LCPrimer2_cg0043	CCACGATGTTGCAATCTG	LCPrimer2_cg3139	CATTAGTGCTGCGAGCTT
LCPrimer1_cg0794	CCGCATCTACATCACCAA	LCPrimer1_cg3140	CCGATTTCGCGATGAACAG
LCPrimer2_cg0794	CTCCTTATGCCGTAGTCA	LCPrimer2_cg3140	CGCCTTAGACAGTGCAAC
LCPrimer1_cg0795	CACCAAGCGTTGATGTTC	LCPrimer1_cg3096	CCGAAGGCTCGATCGTTA
LCPrimer2_cg0795	CCATCTGACCACCAAGTT	LCPrimer2_cg3096	TAGCGGAAGTGGTCGATT
LCPrimer1_cg2911	CTTCCGCTACCGATATGG	LCPrimer1_cg0793	GCACTGTGCGAGCAACATT
LCPrimer2_cg2911	CTGCGAACTCTTCAGCTA	LCPrimer2_cg0793	GCGCGTGTCTAGCATATT
LCPrimer1_cg1912	TGAATTGAAGGCCGAAGG	LCPrimer1_cg2560	GCAGACCAGGTAGCTGAT
LCPrimer2_cg2912	AACCACCACGATTCTGTC	LCPrimer2_cg2560	TTGTTGATGCGACGAACG
LCPrimer1_cg2913	GTCCGTGCTGTTTCATTCA	LCPrimer1_cg1109	CATCACAGTGGCAGCATT
LCPrimer2_cg2913	GATCAGCAATGCCATGAC	LCPrimer2_cg1109	TTGGAGGACAGCTCAGAA
LCPrimer1_cg3107	CCAGGCATTGGTGAAgGGT	LCPrimer1_cg2181	TCGTGCGACAGCATCTTCT
LCPrimer2_cg3107	CTGGCCGAAGGATCCATT	LCPrimer2_cg2181	CTCGACGCCTTCTTCGTA
LCPrimer1_cg3195	AAGGATACTGGCGAGACC	LCPrimer1_cg1670	CAACGAGCCTACGAACAA
LCPrimer2_cg3195	CCGTGCACTTGAAGTCTG	LCPrimer2_cg1670	CCGAGCTAATTCCACCAT
LCPrimer1_cg1332	TGGCGATGCCTATAGCTT	LCPrimer1_cg0796	GTGGCCGTACGTGAATTG
LCPrimer2_cg1332	ATTGCGGAATCGAGGACA	LCPrimer2_cg0796	GATCGCCTGGTAGATGGT
LCPrimer1_cg0215	CTCCGCAGATCTCTTCGT	LCPrimer1_cg2925	AGGCGATGTGGATCATGT
LCPrimer2_cg0215	TGGCTGGTTTTCTCAAG	LCPrimer2_cg2925	TAGCCGTTACCAAGCTC
LCPrimer1_cg0045	CGTGCTGTATGCGAGTTC	LCPrimer1_cg2261	CGGCAATTCAGCTTGGAT
LCPrimer2_cg0045	TTGGTGACCGCCAGATTA	LCPrimer2_cg2261	GGAGATAACGGCGAAGGT
LCPrimer1_gfp	GACTTCAGCACGCGTCTT		
LCPrimer2_gfp	TGGCCAACACTTGTCACT		
DNA fragments for EMSAs			
shift1_cg0042	TGCCATTCCCTTAATGATAACGGTTATCATTTTTCAAATGAA-Fluorescein		
shift2_cg0042	TTCATTTGAAAATGATAACCGTTATCATTAAGGAATGGCA		
shift1_cg0795	GTACACTTCTTAATGGAAATTGTTTTCAATAAAGTCAAGT-Fluorescein		
shift2_cg0795	ACTTGACTTTATTGAAAACAATTTCCATTAAGAAGTGTAC		
shift1_cg2911	TAAGTTTTTCATGTTGACATCCTTTTTCAATAAGCATTTAA-Fluorescein		
shift2_cg2911	TTAAATGCTTATTGAAAAAGGATGTCAACATGAAAACCTTA		
shift1_cg0794	GTCGACTCTATTGAAAATGATTCCCAAAAGGAGGGCTTTC-Fluorescein		
shift2_cg0794	GAAAGCCCTCCTTTTGGGAATCATTTTCAATAGAGTCGAC		
shift1_cg3107	TTgAAAAgTTAATTgAAAAACATTTCCATTAGGGGGTGAT-Fluorescein		
shift2_cg3107	ATCACCCCTAATGGAAATGTTTTTCAATTAACCTTTTCAA		
DNA fragments with mutated motifs			
cg0042_MotifMut1	TGCCATTCCCTTGACGGTGATGATCACCGTCTTCAAATGAA-Fluorescein		
cg0042_MotifMut2	TTCATTTGAAGACGGTGATCATCACCGTCAAGGAATGGCA		
cg0794_MotifMut1	GTCGACTCCACTAAGAGTAACTTCTAGAGGGAGGGCTTTC-Fluorescein		
cg0794_MotifMut2	GAAAGCCCTCCCTCTAGAAGTTACTCTTAGTGGAGTCGAC		
cg0795_MotifMut1	GTACACTTCTCAGTAGGAGTCGATCTTAGTGAAGTCAAGT-Fluorescein		

<i>cg0795_MotifMut2</i>	ACTTGACTTCACTAAGATCGACTCCTACTGAGAAGTGTAC
<i>cg2911_MotifMut1</i>	TAAGTTTTCACGCTAATACCTTCTCTTAGTGAGCATTTAA-Fluorescein
<i>cg2911_MotifMut2</i>	TTAAATGCTCACTAAGAGAAGGTATTAGCGTGAAAACCTTA
DNA fragments with mutated flanking regions	
<i>cg0042_Mut1</i>	TACTACTTCCTAATGATAACGGTTATCATTTCGAGTAAG-Fluorescein
<i>cg0042_Mut2</i>	CTTACTCGGAAATGATAACCGTTATCATTAGGAAGTAGTA
<i>cg0794_Mut1</i>	ATTGGCCCTATTGAAAATGATTCCCCAAAAGGGAGTTCTT-Fluorescein
<i>cg0794_Mut2</i>	AAGAACTCCCTTTTTGGGAATCATTTTCAATAGGGCCAAT
<i>cg0795_Mut1</i>	ATGCGCCTTTTAATGGAAATTGTTTTCAATAGAATTAGGC-Fluorescein
<i>cg0795_Mut2</i>	GCCTAATTCTATTGAAAACAATTTCCATTAAAAGGCGCAT
<i>cg2911_Mut1</i>	CAGGCTCTTATGTTGACATCCTTTTTCAATAGGTACTCAG-Fluorescein
<i>cg2911_Mut2</i>	CTGAGTACCTATTGAAAAAGGATGTCAACATAAGAGCCTG