

Table S1.**Primer sequences used in RT-PCR and ChIP analyses**

The position of PRE-specific primer pairs is given according to the coordinates of the *BX-C* sequence published previously [61]. Accession number #U31961.

PRE-specific primer pairs		Sequence (5'-3')	Position
<i>Fab-7-f9</i>	forward	ggttcggtaagaggtctac	83167-83185
	reverse	gaacttcacaacagacgacg	83621-83639
<i>Fab-7-f9b</i>	forward	gaaaatgcccaacaaaatgc	83361-83380
	reverse	cgctgtctcgcctcttctc	83473-83492
<i>Mcp-m6</i>	forward	acactcacacatgagacag	112305-112323
	reverse	ttgacggcaataactcaagg	112772-112790
<i>Mcp-m6b</i>	forward	cccagagtctttggacttgc	112460-112479
	reverse	cataaagcgaggaacgaagg	112632-112651
<i>bx-d-b2</i>	forward	agtgcggtgataaggctc	218802-218819
	reverse	gacaaaccattcagattcag	219389-219408
<i>bx-d-b2b</i>	forward	gcactcaaaatccgaaaatg	219041-219060
	reverse	cacgtcagacttggaatagc	219168-219187
Other primer pairs		Sequence (5'-3')	
<i>AGO1</i>	forward	tgagcatcatcttccactgc	
	reverse	ctatggtgcatgcctatagc	
<i>GAPDH1</i>	forward	aagggaatcctgggctacac	
	reverse	accgaactcgttgctgtacc	
<i>Abd-B</i>	forward	gctagtccagcgattggaag	
	reverse	gtcggttggtcacacatcag	
<i>Abd-a</i>	forward	caaatacaacgcaacccgagac	
	reverse	agcgcgtgttgctgctg	
<i>Ubx</i>	forward	agtgtcagcggcggaac	
	reverse	agtctggtagaagtgagcccg	

Primers “b” generate shorter amplicons that have been used for qPCR analysis.

Primers for the *Intergenic control region* and the *Abd-B promoter* were described previously [44,62].