

Table S5. Additional primers used in this study

Genomic region	Primer name	Primer sequence	PCR product (bp)	Primers used for sequencing
<i>Aatm</i> (Chrom 2R)	1909_F1	AAGAGCGGCAAGTTTTACGA	854	1909_F1, 2202_R1, 2722_R2
	2202_R1	TAAACGCAGGCGGATTTTAC		
	2411_R2	TAACAAGACCTCGCCTTTTCG	840	2411_F2, 3210_R3
	2411_F2	GTCTGCTGGATCTCGGAAAG		
	3210_R3	ATCACGAGAACTGCCTTTGG	826	2923_F3, 3708_R4
	2923_F3	TTTGAAAGCAGCAGTTGTGG		
	3708_R4	TTCCAACGAACTTCGCATAA	863	3409_F4, 4233_R5
	3409_F4	CAGTGGATCAGGCCATTAT		
4233_R5	GATGTGTGGTTGCCTCGAC			
Φ C31- mediated insertion PCR	attP-F	AGGTCAGAAGCGGTTTTTCGGGAGTAGTG	134	
	attP-R	GGTCGTAAGCACCCGCGTACGTGTCCAC		
	P[acman]-F	ACGCCTGGTTGCTACGCCTGAATAAGTG	227 &	
	P[acman]-R	CCCACGGACATGCTAAGGGTTAATCAAC	454	