Table S1 Summary of tested upstream regions

Gene[a]	Upstream region coordinates	PCR primers (5' –> 3')	Length (bp)	Location description
Cyp12a4 *(cis + trans)*	3R: 19,134,634–19,135,204 [+]	AAGTCCCTCTGTTTGAAAATATTAC GCGATGATTAGAACTTTTCCGG	576	Begins 102 bp downstream of *Cyp12a5* stop codon; ends 5 bp upstream of *Cyp12a4* start codon
Cyp6t1 *(cis + trans)*	X: 21,519,139–21,520,874 [-]	GCCCTTGAAGTCATCGTTGT CGTTACTTGAAGAGTGTCCG	1770	Begins 1700 bp upstream of *Cyp6t1* start codon; ends immediately upstream of *Cyp6t1* start codon
Cyp6a20 *(cis* x *trans)*	2R: 14,881,362–14,882,129 [+}	GCCGTCGAAAAATAGATCGC CGG AACAACTGAAAATCTTAGC	791	Begins 36 bp downstream of *Cyp6a9* start codon; ends 3 bp upstream of *Cyp2a20* start
Cyp12b2 *(*all *cis)*	2R: 18,754,675–18,755,121 [+]	CGGAAAATATGTTGGAGTTTGTATC CTAAGTCCCCTTGATTGGC	448	Begins immediately downstream of *Hst3st-A* 3' UTR; ends 2 bp upstream of *Cyp12b2* start codon
Cyp28a5 *(cis + trans)*	2L: 13,976,736–13,977,353 [+]	TAAATGAGTTCGGCGCAACG TCGCTCTAAAATCTGCGTCCA	620	Begins 47 bp downstream of NimC1 start codon; ends 7 bp upstream of *Cyp28a5* start codon
Cyp12a5 *(cis* x *trans)*	3R: 19,131,464–19,132,683 [+]	CCACTCAGTCTGCTAGTTAAG TTGCACGCTGCCTAATTCA	1224	Begins 3 bp downstream of *CG6040* stop codon; ends 2 bp upstream of *Cyp12a5* start codon

[a]Inferred type of regulatory variation between S58 and Z418.