

Table S3 Primers used in PCR-based analysis of polymorphic markers on left arm of chromosome III

SGD coordinates for polymorphic site (marker name)	F primer sequence (5' to 3')	R primer sequence (5' to 3')	S288c SGD coordinates of amplification (5' of F primer)	S288c SGD coordinates of amplification (5' end of R primer)	Diagnostic restriction enzyme	Strain with restriction enzyme site
33032 (33)	GGTATTGAAGCCGCAAGTT TGG	TCTCCTTCGACACCTTCATCG	32634	33031	<i>BbvI</i>	PSL5
57640 (58)	TTGCAAGTGTGAGAGGCC	AGGATGGTTTTGCTCCATTG	57355	57814	<i>HpyCH4IV</i>	J178-#7-20
68096 (68)	TCTGTACGTACTTCACC	TGGTTTTGCCGATT CTAC	67897	68331	<i>NheI</i>	J178-#7-20
70426 (70)	ATCGCAGGATACGTCATGG	AGAGCTTGCCATAGAAGCC	70294	70788	<i>Hpy166II</i>	PSL5
74203 (74)	AAGCGTAAATAGTACGAC G	TCGCGTTACAAACAAGATG	73929	74425	<i>BstBI</i>	PSL5
77646 (78)	ACCCATAATAGCGTAACC ACGGTCAAGCAAAGATTA	TCGCACAATGTCGTCGTC	77434	77926	<i>BanII</i>	J178-#7-20
80845 (81)	T C	AGGCCTAGTATATGACGAAAG	80589	81025	<i>HhaI</i>	PSL5
91332 (91)	GCTATCGCACAGAATCA AGATAATAAACCGCCTACT	AGTGAACACCTGTAGC	91011	91496	<i>HaeIII</i>	PSL5
96056 (96)	AC	ATCATCAAACAATGAATGACC	95913	96412	<i>BsrBI</i>	PSL5
97697 (98)	TGCAGCATTACTATTCCTTA TTTC	TGTTTGATCCATCTGAAGGTAG	97313	97859	<i>BtgI</i>	PSL5

102361 (102)	TGTGGTTTCAATTCCGCG	TAGAATTGGATTCAACGG	102211	102610	<i>HpyCH4V</i>	J178-#7-20
103500 (103)	TTGATCTACTCCTATCATT					
	CC	TGAAG TACTC AAAGT CGTAG C	103313	103910	<i>Hpy99I</i>	J178-#7-20
105855 (106)						
	ATGGCACTTCGGCGATGC	ATACAGAGAGGATGTGGAC	105665	106149	<i>BstNI</i>	J178-#7-20
106777 (107)	AGCAGTGGAGTATGGGCA					
	GC	ATTCGTTGGACCTTTGTTTC	106454	107004	<i>Hpy99I</i>	J178-#7-20
111457 (111)	TGGAAGTAATGGAAATGC					
	CC	TTGTTCTGCAGGGCTTGGC	111229	111664	<i>RsaI</i>	J178-#7-20
112761 (113)						
	ATTCAACGAACACATTCG	TGAAGTCTATTGTGCCAC	112504	112993	<i>BstBI</i>	J178-#7-20
116012 (116)	TCCCAACTCCTTCGGCTAAT					
	ATG	ATGCGCAGGTGAGCTGATTG	115864	116365	<i>BslI</i>	J178-#7-20
