

**Supplementary Table 1. Primer information used fine mapping**

#CHROM	POS	ID	Forward Primer	Reverse Primer	Product Size
6	23811337 - 23811489	C4H_1	TTGGCCCCTTTGTTTTACAG	TTGGTTCGTCTGTGCGTAG	153
6	26155198-26155444	C4H_3	TTCCAACCTAGCTTCGCACT	ACCGATCAAGAGATGCGAGT	247
6	26883904-26884163	Indel-97	TTGGGGTTTGAATTCTTTGC	ATAGCATCGCGGAGAGAAAA	259
6	26975919-26976184	Indel-102	TCACGGTTACCATCACTATTTCTT	GCAATAACTGTAGGATTCGTCGTA	265
6	27087164-27087462	Indel-115	AAACATCCTTCGGTGCTTCAA	CTCTTGGCTCTCGCTCTTCAG	298