

**Supplemental Table 1. Primers used for mapping**

<b>Markers</b>	<b>Sequences (5'→3')</b>	<b>BAC</b>
Ch1-3224554	F: CGCTTCTGTGCCTTGGTT R: ACCCAAGTGATCGCCACC	F21M12
Ch1-8037559	F: CTTGGCCCATTGGACGACTT R: TCGTCATACTGCTTGTGCGCC	T22J18
Ch1-10860088	F: CAGATCCGTGTCTAACTCCAAA R: GTTGATCGCAGCTTGATAAGC	T5I8
Ch1-20829117	F: GCACTATTGTCCGTGAGATCAG R: GGCTCCATAAAAAGTGCACC	F14J16

**Supplemental Table 1. Natsui *et al.***