

#### Appendix 4. Percentage Genome Homozygosity.

Percentage homozygosity was derived from the ratio of the total length of all autosomal homozygous regions, divided by the length of all autosomes (2867Mb).

Individual	Homozygous Regions (Mb)	% Genome Homozygosity
1.II-2	362.77	12.6
1.III-1	396.50	13.8
2.IV-2	367.93	12.8
2.V-2	344.77	12.0
3.II-2	187.58	6.5
3.III-1	267.57	9.3
3.II-6	388.21	13.5
3.III-7	451.87	15.8