

**Table S8. Summary statistics, by chromosome, for the Drysdale x Waagan linkage map.**

<b>Chromosome</b>	<b>Number of non-redundant loci</b>	<b>Number of all loci</b>	<b>Length (cM)</b>	<b>Marker density* (cM per non-redundant locus)</b>	<b>Maximum spacing</b>
<b>1A</b>	50	182	136	2.7	29.6
<b>1B</b>	35	127	145	4.1	25.6
<b>1D</b>	13	75	95	7.3	25.0
<b>2A</b>	45	267	198	4.4	30.8
<b>2B</b>	36	178	145	4.0	30.8
<b>2D</b>	19	56	82	4.3	20.4
<b>3A</b>	26	147	84	3.3	20.0
<b>3B</b>	37	183	213	5.8	35.1
<b>3D</b>	3	12	3	1.0	2.2
<b>4A</b>	23	129	73	3.2	20.0
<b>4B</b>	20	55	158	7.9	26.6
<b>4D</b>	13	18	49	3.8	22.4
<b>5A</b>	46	195	224	4.9	34.9
<b>5B</b>	36	160	150	4.2	25.9
<b>5D</b>	9	26	70	7.8	22.0
<b>6A</b>	30	230	135	4.5	31.7
<b>6B</b>	29	283	109	3.8	22.5
<b>6D</b>	10	27	37	3.7	20.3
<b>7A</b>	32	159	147	4.6	28.2
<b>7B</b>	28	163	165	5.9	37.8
<b>7D</b>	11	39	28	2.5	14.0
<b>Overall</b>	<b>Tot. 551</b>	<b>Tot. 2711</b>	<b>Tot. 2447.4</b>	<b>Ave. 4.44</b>	<b>Ave. 37.8</b>

\*Not including the gap between linkage groups, when chromosomes were mapped as multiple linkage groups