

**Quantitative trait loci for light sensitivity, body weight, body size, and morphological eye parameters in the bumblebee, *Bombus terrestris***

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**S2\_Table: Distribution information of the 100 markers used for preliminary linkage mapping. The number of markers on each linkage group (n), the size of this linkage group (size LG), and the minimum (Min. d) and maximum (Max. d) distances between two markers on each linkage group.**

	size LG (cM)	n	Min. d (cM)	Max. d (cM)
<b>LG01</b>	121.01	6	6.95	22.29
<b>LG02</b>	125.20	6	8.23	26.05
<b>LG03</b>	96.35	7	7.18	18.26
<b>LG04</b>	80.66	4	3.68	25.33
<b>LG05</b>	102.84	5	12.93	22.95
<b>LG06</b>	171.70	9	2.72	65.56
<b>LG07</b>	161.43	8	5.26	49.87
<b>LG08</b>	91.64	6	2.58	17.91
<b>LG09</b>	109.48	6	8.30	23.70
<b>LG10</b>	126.46	7	10.42	28.13
<b>LG11</b>	116.30	7	12.09	28.72
<b>LG12</b>	111.39	7	9.78	20.00
<b>LG13</b>	105.74	5	11.97	22.53
<b>LG14</b>	73.44	4	7.12	26.03
<b>LG15</b>	96.55	5	13.22	36.44
<b>LG16</b>	77.87	3	9.97	40.38
<b>LG17</b>	83.14	3	17.98	40.55
<b>LG18</b>	51.01	2	6.01	45.00
<i>Mean</i>	<i>105.68</i>	<i>5.56</i>	<i>8.69</i>	<i>31.09</i>