

Supplementary Table 3. Characteristics of an ultra-density-genetic map developed using SNPs annotated on the Nipponbare genome

Chromosomes	Number of Markers	Length (cM)	Average Spacing (cM)	Maximum Spacing (cM)
1	1596	179.4	0.1	8.3
2	848	129.5	0.2	17.3
3	850	148.7	0.2	9.1
4	723	112.4	0.2	7.7
5	1073	111.7	0.1	12.3
6	689	140.7	0.2	41.9
7	902	82.6	0.1	12.1
8	946	84.7	0.1	10.5
9	252	93.8	0.4	37.1
10	559	93.3	0.2	8.2
11	678	122.2	0.2	42.2
12	747	117.5	0.2	37.3
Total	9863	1416.4	0.1	42.2