

Additional file 6 Distribution of markers, length of physical maps and polymorphism of markers

Chromosome	No. of markers	Length (Mb)	Density of marker	MAF	Genetic diversity	PIC
1A	1289	592.38	0.46	0.78	0.31	0.25
2A	1187	780.46	0.66	0.80	0.29	0.23
3A	913	749.46	0.82	0.78	0.31	0.25
4A	732	741.73	1.01	0.80	0.29	0.24
5A	976	709.43	0.73	0.74	0.35	0.28
6A	1024	617.40	0.60	0.76	0.33	0.27
7A	1211	736.44	0.61	0.79	0.29	0.24
A genome	7332	4927.29	0.67	0.78	0.31	0.25
1B	1351	688.60	0.51	0.77	0.32	0.26
2B	1341	799.62	0.60	0.78	0.30	0.25
3B	1121	829.32	0.74	0.77	0.32	0.26
4B	579	672.56	1.16	0.78	0.31	0.26
5B	1171	712.82	0.61	0.73	0.35	0.28
6B	1118	720.82	0.64	0.78	0.31	0.25
7B	897	750.49	0.84	0.78	0.30	0.25
B genome	7578	5174.23	0.68	0.77	0.32	0.26
1D	589	495.14	0.84	0.79	0.29	0.24
2D	501	650.94	1.30	0.78	0.30	0.24
3D	243	613.92	2.53	0.80	0.29	0.24
4D	99	508.58	5.14	0.78	0.31	0.25
5D	242	563.41	2.33	0.77	0.31	0.25
6D	331	472.61	1.43	0.78	0.30	0.24
7D	272	637.17	2.34	0.81	0.27	0.22
D genome	2277	3941.77	1.73	0.79	0.30	0.24
Whole genome	17187	14043.30	0.82	0.78	0.31	0.25