

Appendix. Genotype summary of 96-plex *indica/japonica* SNP set in 40 varieties.

No.	Chr.	SNP ID	Position ^a	Major allele frequency	No. of alleles	Heterozygosity	PIC ^b
1	1	id1000223	422,620	0.550	2	0.000	0.3725
2	1	id1004256	5,332,883	0.875	2	0.000	0.1948
3	1	id1007185	9,670,523	0.925	2	0.000	0.1291
4	1	id1009557	14,573,814	0.900	2	0.000	0.1638
5	1	id1010652	19,264,312	0.950	2	0.000	0.0905
6	1	id1012784	24,199,706	0.875	2	0.000	0.1948
7	1	id1015984	29,381,536	0.900	2	0.000	0.1638
8	1	id1018870	33,063,515	0.875	2	0.000	0.1948
9	1	id1022407	37,298,045	0.900	2	0.000	0.1638
10	1	id1024836	40,892,591	0.825	2	0.000	0.2471
11	1	id1028304	44,672,306	0.625	2	0.000	0.3589
12	2	id2000007	9,619	0.925	2	0.000	0.1291
13	2	id2002293	4,361,466	0.900	2	0.000	0.1638
14	2	id2004617	9,582,164	0.875	3	0.000	0.2075
15	2	id2005923	14,795,354	0.825	2	0.000	0.2471
16	2	id2007512	20,027,495	0.713	2	0.025	0.3258
17	2	id2009889	24,835,540	0.800	3	0.050	0.2887
18	2	id2012773	29,130,590	0.850	2	0.000	0.2225
19	2	id2014575	33,610,265	0.775	2	0.000	0.2879
20	2	id2016199	36,199,294	0.900	2	0.000	0.1638
21	3	id3000695	1,086,244	0.875	2	0.000	0.1948
22	3	id3003462	5,920,066	0.900	2	0.000	0.1638
23	3	id3005168	10,023,081	0.900	2	0.000	0.1638
24	3	id3007541	15,548,178	0.950	2	0.000	0.0905
25	3	id3009433	20,673,413	0.700	2	0.050	0.3318
26	3	id3010700	24,305,190	0.900	2	0.000	0.1638
27	3	dd3000535	28,481,283	0.675	2	0.000	0.3425
28	3	id3015453	32,981,871	0.900	2	0.000	0.1638
29	3	id3018439	37,181,952	0.738	2	0.025	0.3122
30	4	id4001096	2,456,955	0.938	2	0.025	0.1103
31	4	id4002718	6,997,191	0.900	2	0.000	0.1638
32	4	id4003524	11,312,866	0.950	2	0.000	0.0905
33	4	id4004185	14,389,955	0.913	2	0.025	0.1469
34	4	id4005704	19,826,416	0.600	2	0.000	0.3648
35	4	id4007882	24,379,789	0.575	3	0.300	0.4023
36	4	id4009823	30,014,981	0.538	2	0.025	0.3736
37	4	id4012434	35,843,455	0.750	2	0.000	0.3047
38	5	id5000043	101,950	0.925	2	0.000	0.1291
39	5	id5002497	4,734,427	0.875	2	0.000	0.1948
40	5	id5004086	8,028,641	0.900	2	0.000	0.1638
41	5	cmb0511.1	11,127,260	0.925	2	0.000	0.1291

42	5	id5005882	14,387,882	0.825	2	0.000	0.2471
43	5	id5008218	20,019,740	0.875	2	0.000	0.1948
44	5	id5010886	24,121,914	0.875	2	0.000	0.1948
45	5	id5014265	28,700,370	0.875	2	0.000	0.1948
46	6	id6000073	243,274	0.838	2	0.025	0.2351
47	6	id6003373	4,756,949	0.525	2	0.000	0.3744
48	6	id6005608	8,725,792	0.888	2	0.025	0.1797
49	6	id6008118	13,653,907	0.850	2	0.000	0.2225
50	6	id6009699	18,066,599	0.900	2	0.000	0.1638
51	6	id6011555	23,136,975	0.675	2	0.000	0.3425
52	6	id6015530	27,381,493	0.875	2	0.200	0.1948
53	6	id6016941	31,686,494	0.550	2	0.000	0.3725
54	7	ud7000187	2,563,993	0.900	2	0.000	0.1638
55	7	id7001155	7,019,781	0.900	2	0.000	0.1638
56	7	id7001998	11,588,122	0.875	3	0.000	0.2075
57	7	id7002392	15,667,894	0.900	2	0.000	0.1638
58	7	id7003072	20,321,276	0.800	2	0.000	0.2688
59	7	id7004645	25,682,560	0.850	2	0.000	0.2225
60	7	id7006027	29,931,834	0.900	2	0.000	0.1638
61	8	id8000140	416,700	0.925	2	0.000	0.1291
62	8	id8001426	4,363,186	0.900	2	0.000	0.1638
63	8	wd8001250	8,424,668	0.950	2	0.000	0.0905
64	8	id8003584	11,798,820	0.625	2	0.000	0.3589
65	8	id8004111	15,352,572	0.950	2	0.000	0.0905
66	8	id8005186	19,436,398	0.925	2	0.000	0.1291
67	8	id8006751	23,740,826	0.900	2	0.000	0.1638
68	8	id8007764	27,921,569	0.900	2	0.000	0.1638
69	9	id9000045	438,538	0.900	2	0.000	0.1638
70	9	id9000884	4,288,667	0.775	2	0.000	0.2879
71	9	id9002419	8,513,936	0.738	2	0.025	0.3122
72	9	id9003183	12,505,826	0.825	2	0.000	0.2471
73	9	id9004072	15,394,586	0.900	2	0.000	0.1638
74	9	id9006953	20,044,954	0.900	2	0.000	0.1638
75	9	id9007784	23,484,844	0.900	2	0.000	0.1638
76	10	id10000113	587,669	0.500	2	0.050	0.375
77	10	ud10000265	3,982,886	0.900	2	0.000	0.1638
78	10	id10002069	6,305,120	0.563	2	0.025	0.3711
79	10	id10002842	10,730,617	0.750	2	0.000	0.3047
80	10	id10003706	14,754,458	0.875	2	0.000	0.1948
81	10	wd10003790	19,917,460	0.925	2	0.000	0.1291
82	10	id10007384	23,690,908	0.900	2	0.000	0.1638
83	11	id11000131	680,665	0.863	2	0.025	0.2091
84	11	id11002336	5,628,396	0.825	2	0.000	0.2471
85	11	wd11000649	9,670,517	0.875	2	0.000	0.1948
86	11	id11004341	15,215,162	0.875	2	0.000	0.1948
87	11	id11006897	21,212,729	0.875	2	0.000	0.1948
88	11	id11008929	25,372,661	0.800	2	0.000	0.2688
89	11	id11011607	31,063,738	0.925	2	0.000	0.1291
90	12	id12000076	264,373	0.750	2	0.000	0.3047

91	12	id12002113	4,662,617	0.763	2	0.025	0.2966
92	12	id12003700	9,135,012	0.850	2	0.000	0.2225
93	12	id12005212	14,646,923	0.950	2	0.000	0.0905
94	12	id12006155	18,468,907	0.875	2	0.000	0.1948
95	12	id12007742	23,031,189	0.800	2	0.000	0.2688
96	12	id12010130	27,582,487	0.875	2	0.000	0.1948
Mean				0.834	2.04	0.010	0.2145

^a Physical position of IRGSP build5, ^b polymorphism information content