

Supplementary Table 1

Supplementary Table 1a.

Region ID	№ Markers	Begin (bp)	End (bp)	Size (Mb)	Marker Positions	Marker Name
1	3	5341266	9340284	3.999	1,2,3	X-5341266,X-7356474,X-9340284
2	2	13104651	15050461	1.946	5,6	X-13104651,X-15050461
3	2	18803431	20795755	1.992	8,9	X-18803431,X-20795755
4	5	33501694	39773137	6.271	12,13,14,15,16	X-33501694,X-34174488,X-35878071,X-37795275,X-39773137
5	3	41709915	44367258	2.657	17,18,19	X-41709915,X-43106676,X-44367258
6	2	46255125	48135929	1.881	20,21	X-46255125,X-48135929
7	2	50114168	53404903	3.291	22,23	X-50114168,X-53404903
8	2	54000940	55567420	1.566	24,25	X-54000940,X-55567420
9	3	58166277	62000232	3.834	27,28,29	X-58166277,X-60091526,X-62000232
10	3	64029949	67114633	3.085	30,31,32	X-64029949,X-65262708,X-67114633
11	3	68083956	71371693	3.288	33,34,35	X-68083956,X-69903086,X-71371693
12	9	73109135	90640869	17.532	36,37,38,39,40,41,42,43,44	X-73109135,X-74210508,X-76207917,X-80161976,X-84132877,X-86116001,X-87868682,X-89621357,X-90640869
13	3	104292926	108342366	4.049	52,53,54	X-104292926,X-106332092,X-108342366
14	5	112587884	122771038	10.183	57,58,59,60,61	X-112587884,X-116719686,X-118730961,X-120066236,X-122771038
15	3	125116822	129088513	3.972	63,64,65	X-125116822,X-127137209,X-129088513
16	2	130534180	131280281	0.746	66,67	X-130534180,X-131280281
17	5	141246340	148630688	7.384	73,74,75,76,77	X-141246340,X-142906662,X-144055466,X-146641816,X-148630688
18	2	150391903	152318392	1.926	78,79	X-150391903,X-152318392
19	3	154163942	158162685	3.999	80,81,82	X-154163942,X-156119666,X-158162685

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Region ID	№ Markers	Begin (bp)	End (bp)	Size (Mb)	Marker Positions	Marker Name
1	3	15050461	18803431	3.753	6,7,8	X-15050461,X-16960010,X-18803431
2	5	37795275	44367258	6.572	15,16,17,18,19	X-37795275,X-39773137,X-41709915,X-43106676,X-44367258
3	2	46255125	48135929	1.881	20,21	X-46255125,X-48135929

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4	2	56774880	58166277	1.391	26,27	X-56774880,X-58166277
5	4	60091526	65262708	5.171	28,29,30,31	X-60091526,X-62000232,X-64029949,X-65262708
6	5	67114633	73109135	5.995	32,33,34,35,36	X-67114633,X-68083956,X-69903086,X-71371693,X-73109135
7	3	74210508	80161976	5.951	37,38,39	X-74210508,X-76207917,X-80161976
8	8	84132877	95487518	11.355	40,41,42,43,44,45,46,47	X-84132877,X-86116001,X-87868682,X-89621357,X-90640869,X-91623850,X-94318040,X-95487518
9	3	104292926	108342366	4.049	52,53,54	X-104292926,X-106332092,X-108342366
10	8	110649330	125116822	14.467	56,57,58,59,60,61,62,63	X-110649330,X-112587884,X-116719686,X-118730961,X-120066236,X-122771038,X-123140908,X-125116822
11	3	127137209	130534180	3.397	64,65,66	X-127137209,X-129088513,X-130534180
12	2	131280281	133181529	1.901	67,68	X-131280281,X-133181529
13	3	134705783	138190470	3.485	69,70,71	X-134705783,X-136571189,X-138190470
14	3	142906662	146641816	3.735	74,75,76	X-142906662,X-144055466,X-146641816
15	2	150391903	152318392	1.926	78,79	X-150391903,X-152318392
16	3	158162685	162159618	3.997	82,83,84	X-158162685,X-160150056,X-162159618