

Supplementary Table 1. BAC clones, GenBank accession numbers and nucleotide positions in rhesus MSY sequence assembly

BAC name	GenBank accession number	Start position	End position
CH250-228N17	AC217136	1	207268
CH250-57C20	AC217135	133076	325216
CH250-234C9	AC218138	322828	501380
CH250-536L15	AC209790	431875	584730
CH250-7H7	AC225167	512927	663373
CH250-133J8	AC208953	586819	782238
CH250-441E9	AC207029	730115	876799
CH250-387J10	AC233579	864994	1013294
CH250-421L9	AC209415	892911	1069757
CH250-236O3	AC215551	1046643	1230612
CH250-352P1	AC209450	1076356	1242918
CH250-308C23	AC209448	1197004	1352770
CH250-392D8	AC232277	1280648	1422345
CH250-567J10	AC232812	1418007	1578821
CH250-348G18	AC225626	1477163	1632288
CH250-123M13	AC214072	1579682	1743196
CH250-262A6	AC213330	1658191	1842010
CH250-127G4	AC206102	1752845	1943979
CH250-56H16	AC206891	1925142	2091810
CH250-541A11	AC213321	2035026	2191714
RMAEX-106G5	AC237431	2068941	2238849
CH250-106J9	AC213381	2215041	2384793
CH250-6J16	AC212894	2324975	2515799
CH250-393D12	AC212004	2427003	2593199
CH250-265J16	AC217134	2557979	2729056
CH250-277C1	AC212744	2702320	2894742
CH250-369H16	AC217132	2847613	3006214
CH250-438I12	AC212027	2943049	3067481
CH250-127L17	AC212387	2970977	3146470
CH250-311C6	AC218137	3070618	3248221
CH250-523J16	AC233736	3209673	3350882
CH250-99J18	AC205186	3308293	3487624
CH250-95C23	AC213328	3390177	3567856
CH250-337J7	AC206885	3495927	3653839
CH250-445I24	AC207030	3632981	3806382
CH250-167G6	AC215694	3801429	3987257
CH250-182M22	AC206433	3927771	4100401
CH250-364B23	AC207035	4071824	4230386
RMAEX-213K20	AC237222	4194948	4340225
CH250-540A18	AC209796	4299833	4462069
CH250-231H12	AC229687	4460022	4656116
CH250-263I4	AC217137	4628633	4869929
CH250-3M7	AC207616	4802760	4999152

BAC name	GenBank accession number	Start position	End position
CH250-204D1	AC225831	4890266	5034651
CH250-380I15	AC217133	5026232	5211571
CH250-144P14	AC205194	5143525	5303607
CH250-477E7	AC225635	5291502	5442191
CH250-197K9	AC225612	5368446	5523328
CH250-198P20	AC215644	5515066	5672573
CH250-309A3	AC215643	5600065	5770585
CH250-128N24	AC215552	5733408	5930884
CH250-395B18	AC215642	5868056	6054638
CH250-214L22	AC217166	5998274	6175965
CH250-122N22	AC215550	6169834	6366283
CH250-165P22	AC206800	6320200	6506534
CH250-142O13-2	AC207049	6444445	6629531
CH250-392O18	AC215553	6604213	6767217
CH250-29I18	AC215641	6619972	6795425
CH250-361K18	AC215549	6769616	6921226
CH250-128P23	AC215640	6771158	6960166
CH250-97J21	AC231831	6859263	7014682
RMAEX-230N16	AC237223	6949034	7126320
CH250-542D24	AC209262	7016219	7146999
CH250-463B10	AC208130	7138967	7354612
CH250-164O10	AC208133	7218549	7411027
CH250-351H7	AC212790	7396859	7505560
CH250-182A8	AC209264	7529592	7712304
CH250-477B24	AC213057	7672571	7888031
CH250-374B3	AC225627	7797384	7945558
CH250-209A4	AC232762	7995862	8170559
CH250-406G3	AC217131	8107991	8283493
CH250-405N21	AC217130	8252767	8417927
CH250-429O23	AC234330	8321309	8475535
CH250-454C5	AC234329	8220669	8390741
CH250-63P1	AC231654	8477122	8686768
CH250-449N17	AC217129	8632679	8786585
CH250-324L17	AC217105	8661406	8838469
CH250-116D13	AC232761	8835736	9002807
CH250-489E18	AC225837	8864514	9051478
CH250-351E18	AC225636	9002180	9141063
CH250-500O12	AC209263	9072191	9243731
CH250-290P15	AC208132	9178269	9338264
CH250-185E13	AC208134	9303517	9488431
CH250-502N18	AC208128	9434149	9579023
CH250-297A9	AC211243	9556265	9716395
CH250-161E20	AC208131	9631825	9811209
CH250-517K1	AC208129	9715405	9885628
CH250-434B12	AC240711	9800240	9961034
CH250-11J13	AC240710	10126901	10322331
CH250-62E18	AC234913	10191476	10395727

BAC name	GenBank accession number	Start position	End position
CH250-249M17	AC233735	10343539	10527567
CH250-59H13	AC212028	10421737	10571823
CH250-99F15	AC212487	10480478	10664291
CH250-161N14	AC217138	10638430	10814598
CH250-492J9	AC208955	10699854	10878866
CH250-285M20	AC212789	10812514	11021146
CH250-317A11	AC209447	10879191	11053172
CH250-194C7	AC209446	10938528	11137503
CH250-118O14	AC219066	11091848	11253688