

Table S2: SB Insertion regions

Chromo some	Start address1	End Address	Library	# of reads	Full address
chr1	3191050	3191150	1072-Lng-A-T	201	chr1:3191050-3191150
chr1	3245550	3245650	1223-Lng-C-T	43	chr1:3245550-3245650
chr1	3676750	3676850	1065-Lng-A-T	104	chr1:3676750-3676850
chr1	3865750	3865850	1223-Lng-A-T	235	chr1:3865750-3865850
chr1	3918250	3918350	1152-Lng-A-T	65	chr1:3918250-3918350
chr1	3989550	3989650	1072-Lng-A-T	79	chr1:3989550-3989650
chr1	4098850	4098950	1004-Lng-A-T	72	chr1:4098850-4098950
chr1	4256050	4256150	1065-Lng-A-T	85	chr1:4256050-4256150
chr1	4563850	4563950	1072-Lng-A-T	108	chr1:4563850-4563950
chr1	4574350	4574450	1065-Lng-B-T	50	chr1:4574350-4574450
chr1	4809250	4809350	846-Lng-A-T	934	chr1:4809250-4809350
chr1	4835250	4835350	1151-Lng-A-T	66	chr1:4835250-4835350
chr1	4852850	4852950	1188-Lng-A-T	126	chr1:4852850-4852950
chr1	5077250	5077350	1065-Lng-B-T	44	chr1:5077250-5077350
chr1	5084850	5084950	1065-Lng-B-T	74	chr1:5084850-5084950
chr1	5153550	5153650	1100-Lng-A-T	53	chr1:5153550-5153650
chr1	5212150	5212250	1090-Lng-A-T	80	chr1:5212150-5212250
chr1	5252250	5252350	1152-Lng-A-T	78	chr1:5252250-5252350
chr1	5412250	5412350	1223-Lng-D-T	41	chr1:5412250-5412350
chr1	5597250	5597350	1065-Lng-A-T	60	chr1:5597250-5597350
chr1	5657150	5657250	1065-Lng-B-T	148	chr1:5657150-5657250
chr1	5714750	5714850	1090-Lng-A-T	56	chr1:5714750-5714850
chr1	5889750	5889850	1274-Lng-A-T	60	chr1:5889750-5889850
chr1	6198450	6198550	846-Lng-A-T	185	chr1:6198450-6198550
chr1	6212250	6212350	1223-Lng-C-T	52	chr1:6212250-6212350
chr1	6227250	6227350	1100-Lng-A-T	92	chr1:6227250-6227350
chr1	6250150	6250250	1090-Lng-A-T	80	chr1:6250150-6250250
chr1	6260650	6260750	901-Lng-A-T	115	chr1:6260650-6260750
chr1	6366950	6367050	1274-Lng-A-T	206	chr1:6366950-6367050
chr1	6380750	6380850	1090-Lng-A-T	80	chr1:6380750-6380850
chr1	6484650	6484750	1090-Lng-A-T	125	chr1:6484650-6484750
chr1	6721250	6721350	1004-Lng-A-T	92	chr1:6721250-6721350
chr1	6761450	6761550	1151-Lng-A-T	77	chr1:6761450-6761550
chr1	7088450	7088550	1065-Lng-A-T	249	chr1:7088450-7088550
chr1	7099050	7099150	1090-Lng-B-T	631	chr1:7099050-7099150
chr1	7303950	7304050	1065-Lng-A-T	73	chr1:7303950-7304050
chr1	7534350	7534450	1065-Lng-C-T	73	chr1:7534350-7534450
chr1	8063750	8063850	901-Lng-B-T	38	chr1:8063750-8063850
chr1	8066250	8066350	1167-Lng-A-T	48	chr1:8066250-8066350
chr1	8295650	8295750	1065-Lng-A-T	78	chr1:8295650-8295750
chr1	8337850	8337950	846-Lng-A-T	205	chr1:8337850-8337950
chr1	8488550	8488650	1188-Lng-A-T	182	chr1:8488550-8488650
chr1	8549850	8549950	1065-Lng-A-T	76	chr1:8549850-8549950

Table S2: SB Insertion regions

chr1	8769450	8769550	1100-Lng-A-T	68	chr1:8769450-8769550
chr1	8885650	8885750	846-Lng-A-T	53	chr1:8885650-8885750
chr1	8900650	8900750	1090-Lng-A-T	102	chr1:8900650-8900750
chr1	8957250	8957350	1152-Lng-A-T	69	chr1:8957250-8957350
chr1	8982950	8983050	901-Lng-C-T	63	chr1:8982950-8983050
chr1	9076050	9076150	1004-Lng-A-T	269	chr1:9076050-9076150
chr1	9120250	9120350	1065-Lng-A-T	44	chr1:9120250-9120350
chr1	9262750	9262850	901-Lng-A-T	79	chr1:9262750-9262850
chr1	9269550	9269650	1004-Lng-A-T	77	chr1:9269550-9269650
chr1	9349450	9349550	1100-Lng-A-T	89	chr1:9349450-9349550
chr1	9807150	9807250	901-Lng-C-T	53	chr1:9807150-9807250
chr1	9811750	9811850	1151-Lng-A-T	70	chr1:9811750-9811850
chr1	9945250	9945350	1090-Lng-A-T	63	chr1:9945250-9945350
chr1	10040150	10040250	1151-Lng-A-T	11028	chr1:10040150-10040250
chr1	10065550	10065650	1004-Lng-A-T	74	chr1:10065550-10065650
chr1	10089450	10089550	846-Lng-A-T	46	chr1:10089450-10089550
chr1	10117650	10117750	1188-Lng-A-T	35	chr1:10117650-10117750
chr1	10134050	10134150	1151-Lng-A-T	87	chr1:10134050-10134150
chr1	10135350	10135450	1223-Lng-D-T	155	chr1:10135350-10135450
chr1	10138350	10138450	1223-Lng-B-T	40	chr1:10138350-10138450
chr1	10148550	10148650	901-Lng-C-T	57	chr1:10148550-10148650
chr1	10148550	10148650	1223-Lng-D-T	43	chr1:10148550-10148650
chr1	10153250	10153350	846-Lng-A-T	53	chr1:10153250-10153350
chr1	10158950	10159050	846-Lng-A-T	123	chr1:10158950-10159050
chr1	10181750	10181850	901-Lng-C-T	68	chr1:10181750-10181850
chr1	10186350	10186450	901-Lng-A-T	56	chr1:10186350-10186450
chr1	10187350	10187450	1152-Lng-A-T	47	chr1:10187350-10187450
chr1	10195650	10195750	1223-Lng-C-T	120	chr1:10195650-10195750
chr1	10209550	10209650	1152-Lng-A-T	259	chr1:10209550-10209650
chr1	10283350	10283450	1100-Lng-B-T	237	chr1:10283350-10283450
chr1	10439850	10439950	1004-Lng-A-T	94	chr1:10439850-10439950
chr1	10581150	10581250	1274-Lng-A-T	184	chr1:10581150-10581250
chr1	10615050	10615150	1274-Lng-A-T	51	chr1:10615050-10615150
chr1	10838250	10838350	1004-Lng-A-T	113	chr1:10838250-10838350
chr1	10957750	10957850	1065-Lng-A-T	110	chr1:10957750-10957850
chr1	10977050	10977150	846-Lng-A-T	268	chr1:10977050-10977150
chr1	10999150	10999250	1065-Lng-B-T	73	chr1:10999150-10999250
chr1	11049550	11049650	1090-Lng-A-T	65	chr1:11049550-11049650
chr1	11057250	11057350	1274-Lng-A-T	69	chr1:11057250-11057350
chr1	11290750	11290850	1152-Lng-A-T	58	chr1:11290750-11290850
chr1	11454850	11454950	846-Lng-A-T	54	chr1:11454850-11454950
chr1	11535750	11535850	901-Lng-A-T	269	chr1:11535750-11535850
chr1	11572950	11573050	901-Lng-B-T	225	chr1:11572950-11573050
chr1	11620650	11620750	1090-Lng-B-T	221	chr1:11620650-11620750
chr1	11689350	11689450	1065-Lng-B-T	56	chr1:11689350-11689450
chr1	11730750	11730850	1223-Lng-B-T	39	chr1:11730750-11730850

Table S2: SB Insertion regions

chr1	11833050	11833150	1223-Lng-B-T	174	chr1:11833050-11833150
chr1	11991850	11991950	1090-Lng-B-T	112	chr1:11991850-11991950
chr1	12004850	12004950	901-Lng-D-T	247	chr1:12004850-12004950
chr1	12235250	12235350	1072-Lng-A-T	100	chr1:12235250-12235350
chr1	12303350	12303450	1188-Lng-A-T	34	chr1:12303350-12303450
chr1	12388050	12388150	1072-Lng-A-T	105	chr1:12388050-12388150
chr1	12440150	12440250	1065-Lng-C-T	1689	chr1:12440150-12440250
chr1	12469950	12470050	1065-Lng-C-T	86	chr1:12469950-12470050
chr1	12560450	12560550	901-Lng-D-T	266	chr1:12560450-12560550
chr1	12883050	12883150	1090-Lng-B-T	293	chr1:12883050-12883150
chr1	13143650	13143750	1223-Lng-B-T	58	chr1:13143650-13143750
chr1	13186150	13186250	1223-Lng-A-T	69	chr1:13186150-13186250
chr1	13269850	13269950	1152-Lng-A-T	122	chr1:13269850-13269950
chr1	13293450	13293550	1188-Lng-A-T	43	chr1:13293450-13293550
chr1	13352750	13352850	901-Lng-A-T	95	chr1:13352750-13352850
chr1	13562350	13562450	1167-Lng-A-T	65	chr1:13562350-13562450
chr1	13644250	13644350	1188-Lng-A-T	410	chr1:13644250-13644350
chr1	13975250	13975350	1065-Lng-C-T	70	chr1:13975250-13975350
chr1	14163550	14163650	1188-Lng-A-T	76	chr1:14163550-14163650
chr1	14238450	14238550	901-Lng-D-T	896	chr1:14238450-14238550
chr1	14249350	14249450	1072-Lng-A-T	111	chr1:14249350-14249450
chr1	14262250	14262350	1065-Lng-B-T	95	chr1:14262250-14262350
chr1	14269550	14269650	1004-Lng-A-T	50	chr1:14269550-14269650
chr1	14287050	14287150	1274-Lng-A-T	148	chr1:14287050-14287150
chr1	14725650	14725750	846-Lng-A-T	104	chr1:14725650-14725750
chr1	14789750	14789850	901-Lng-B-T	215	chr1:14789750-14789850
chr1	15056950	15057050	1065-Lng-C-T	63	chr1:15056950-15057050
chr1	15324850	15324950	1065-Lng-C-T	121	chr1:15324850-15324950
chr1	15357250	15357350	901-Lng-B-T	201	chr1:15357250-15357350
chr1	15369550	15369650	1072-Lng-A-T	76	chr1:15369550-15369650
chr1	15434750	15434850	1223-Lng-B-T	52	chr1:15434750-15434850
chr1	15443050	15443150	1065-Lng-B-T	85	chr1:15443050-15443150
chr1	15606250	15606350	1223-Lng-B-T	49	chr1:15606250-15606350
chr1	15629050	15629150	901-Lng-D-T	357	chr1:15629050-15629150
chr1	15655250	15655350	901-Lng-D-T	216	chr1:15655250-15655350
chr1	15761950	15762050	1072-Lng-A-T	60	chr1:15761950-15762050
chr1	15807050	15807150	1100-Lng-A-T	111	chr1:15807050-15807150
chr1	15809050	15809150	901-Lng-B-T	149	chr1:15809050-15809150
chr1	15838350	15838450	846-Lng-A-T	113	chr1:15838350-15838450
chr1	16344650	16344750	1004-Lng-A-T	56	chr1:16344650-16344750
chr1	16518150	16518250	1090-Lng-A-T	46	chr1:16518150-16518250
chr1	16554150	16554250	901-Lng-C-T	38	chr1:16554150-16554250
chr1	16561850	16561950	1274-Lng-A-T	98	chr1:16561850-16561950
chr1	16583850	16583950	1223-Lng-B-T	43	chr1:16583850-16583950
chr1	16597250	16597350	1072-Lng-A-T	203	chr1:16597250-16597350
chr1	16628750	16628850	1100-Lng-A-T	58	chr1:16628750-16628850

Table S2: SB Insertion regions

chr1	17276350	17276450	901-Lng-C-T	61	chr1:17276350-17276450
chr1	17276550	17276650	1274-Lng-A-T	102	chr1:17276550-17276650
chr1	17650250	17650350	901-Lng-D-T	626	chr1:17650250-17650350
chr1	17900450	17900550	1274-Lng-A-T	49	chr1:17900450-17900550
chr1	18129450	18129550	1065-Lng-B-T	72	chr1:18129450-18129550
chr1	18145850	18145950	1188-Lng-A-T	40	chr1:18145850-18145950
chr1	18176150	18176250	1004-Lng-A-T	66	chr1:18176150-18176250
chr1	18259750	18259850	1223-Lng-D-T	40	chr1:18259750-18259850
chr1	18976450	18976550	1065-Lng-A-T	36	chr1:18976450-18976550
chr1	19010150	19010250	1223-Lng-C-T	50	chr1:19010150-19010250
chr1	19156250	19156350	1004-Lng-A-T	80	chr1:19156250-19156350
chr1	19333150	19333250	1223-Lng-B-T	38	chr1:19333150-19333250
chr1	19418150	19418250	1065-Lng-B-T	62	chr1:19418150-19418250
chr1	19547450	19547550	1065-Lng-A-T	44	chr1:19547450-19547550
chr1	19779550	19779650	1065-Lng-A-T	112	chr1:19779550-19779650
chr1	19881150	19881250	901-Lng-D-T	1186	chr1:19881150-19881250
chr1	20115350	20115450	1072-Lng-A-T	51	chr1:20115350-20115450
chr1	20721550	20721650	1274-Lng-A-T	71	chr1:20721550-20721650
chr1	20883150	20883250	1072-Lng-A-T	52	chr1:20883150-20883250
chr1	20893050	20893150	1274-Lng-A-T	56	chr1:20893050-20893150
chr1	20922950	20923050	901-Lng-C-T	42	chr1:20922950-20923050
chr1	21173250	21173350	1004-Lng-A-T	62	chr1:21173250-21173350
chr1	21230950	21231050	901-Lng-A-T	96	chr1:21230950-21231050
chr1	21253250	21253350	846-Lng-A-T	144	chr1:21253250-21253350
chr1	21312350	21312450	1072-Lng-A-T	88	chr1:21312350-21312450
chr1	21402550	21402650	1188-Lng-A-T	34	chr1:21402550-21402650
chr1	21598250	21598350	1152-Lng-A-T	45	chr1:21598250-21598350
chr1	21602950	21603050	1065-Lng-B-T	95	chr1:21602950-21603050
chr1	21853650	21853750	1152-Lng-A-T	83	chr1:21853650-21853750
chr1	22014550	22014650	1167-Lng-A-T	69	chr1:22014550-22014650
chr1	22137350	22137450	1004-Lng-A-T	75	chr1:22137350-22137450
chr1	22184650	22184750	1151-Lng-A-T	68	chr1:22184650-22184750
chr1	22186550	22186650	1072-Lng-A-T	96	chr1:22186550-22186650
chr1	22305950	22306050	1090-Lng-B-T	71	chr1:22305950-22306050
chr1	22306250	22306350	1090-Lng-A-T	47	chr1:22306250-22306350
chr1	22387050	22387150	1065-Lng-A-T	91	chr1:22387050-22387150
chr1	22504050	22504150	901-Lng-B-T	210	chr1:22504050-22504150
chr1	22602950	22603050	846-Lng-A-T	678	chr1:22602950-22603050
chr1	22765250	22765350	1065-Lng-A-T	128	chr1:22765250-22765350
chr1	22901250	22901350	1004-Lng-A-T	109	chr1:22901250-22901350
chr1	22921350	22921450	846-Lng-A-T	74	chr1:22921350-22921450
chr1	23049450	23049550	1065-Lng-A-T	141	chr1:23049450-23049550
chr1	23121250	23121350	1090-Lng-A-T	63	chr1:23121250-23121350
chr1	23193150	23193250	1100-Lng-A-T	129	chr1:23193150-23193250
chr1	23204950	23205050	1072-Lng-A-T	50	chr1:23204950-23205050
chr1	23240450	23240550	1065-Lng-C-T	93	chr1:23240450-23240550

Table S2: SB Insertion regions

chr1	23264750	23264850	901-Lng-A-T	87	chr1:23264750-23264850
chr1	23286550	23286650	1100-Lng-A-T	148	chr1:23286550-23286650
chr1	23373150	23373250	901-Lng-C-T	83	chr1:23373150-23373250
chr1	23403250	23403350	1223-Lng-C-T	43	chr1:23403250-23403350
chr1	23516150	23516250	901-Lng-D-T	486	chr1:23516150-23516250
chr1	23853950	23854050	846-Lng-A-T	115	chr1:23853950-23854050
chr1	23890850	23890950	1223-Lng-B-T	47	chr1:23890850-23890950
chr1	23930150	23930250	1065-Lng-B-T	292	chr1:23930150-23930250
chr1	23938550	23938650	1274-Lng-A-T	82	chr1:23938550-23938650
chr1	24141250	24141350	901-Lng-B-T	149	chr1:24141250-24141350
chr1	24169850	24169950	1152-Lng-A-T	123	chr1:24169850-24169950
chr1	24812950	24813050	1065-Lng-A-T	118	chr1:24812950-24813050
chr1	24977350	24977450	1065-Lng-C-T	73	chr1:24977350-24977450
chr1	24999050	24999150	846-Lng-A-T	247	chr1:24999050-24999150
chr1	25417650	25417750	901-Lng-D-T	70	chr1:25417650-25417750
chr1	25452350	25452450	1100-Lng-A-T	53	chr1:25452350-25452450
chr1	25514150	25514250	1100-Lng-B-T	51	chr1:25514150-25514250
chr1	25550950	25551050	1223-Lng-B-T	41	chr1:25550950-25551050
chr1	25617050	25617150	901-Lng-B-T	79	chr1:25617050-25617150
chr1	25875450	25875550	901-Lng-A-T	52	chr1:25875450-25875550
chr1	25907950	25908050	1223-Lng-B-T	76	chr1:25907950-25908050
chr1	26384250	26384350	1065-Lng-B-T	72	chr1:26384250-26384350
chr1	26386650	26386750	1100-Lng-A-T	88	chr1:26386650-26386750
chr1	26542750	26542850	1223-Lng-C-T	51	chr1:26542750-26542850
chr1	26557650	26557750	1090-Lng-B-T	198	chr1:26557650-26557750
chr1	26731850	26731950	1090-Lng-A-T	74	chr1:26731850-26731950
chr1	26779650	26779750	1188-Lng-A-T	36	chr1:26779650-26779750
chr1	26823950	26824050	1065-Lng-B-T	71	chr1:26823950-26824050
chr1	26824850	26824950	901-Lng-C-T	59	chr1:26824850-26824950
chr1	26923250	26923350	1065-Lng-B-T	60	chr1:26923250-26923350
chr1	27292050	27292150	1065-Lng-B-T	86	chr1:27292050-27292150
chr1	27513850	27513950	901-Lng-B-T	68	chr1:27513850-27513950
chr1	27697750	27697850	1152-Lng-A-T	92	chr1:27697750-27697850
chr1	27955150	27955250	1065-Lng-B-T	59	chr1:27955150-27955250
chr1	28013050	28013150	1274-Lng-A-T	175	chr1:28013050-28013150
chr1	28021350	28021450	1100-Lng-A-T	67	chr1:28021350-28021450
chr1	28224150	28224250	1004-Lng-A-T	55	chr1:28224150-28224250
chr1	28262550	28262650	1065-Lng-A-T	53	chr1:28262550-28262650
chr1	28289350	28289450	901-Lng-A-T	80	chr1:28289350-28289450
chr1	28326650	28326750	1100-Lng-B-T	57	chr1:28326650-28326750
chr1	28390450	28390550	1065-Lng-B-T	170	chr1:28390450-28390550
chr1	28469050	28469150	1100-Lng-A-T	66	chr1:28469050-28469150
chr1	28527550	28527650	901-Lng-A-T	64	chr1:28527550-28527650
chr1	28568550	28568650	1223-Lng-A-T	222	chr1:28568550-28568650
chr1	28590950	28591050	1004-Lng-A-T	134	chr1:28590950-28591050
chr1	28653950	28654050	1072-Lng-A-T	61	chr1:28653950-28654050

Table S2: SB Insertion regions

chr1	29104150	29104250	1188-Lng-A-T	35	chr1:29104150-29104250
chr1	29186950	29187050	901-Lng-D-T	379	chr1:29186950-29187050
chr1	29287150	29287250	1188-Lng-A-T	122	chr1:29287150-29287250
chr1	29338850	29338950	1004-Lng-A-T	96	chr1:29338850-29338950
chr1	29353250	29353350	1004-Lng-A-T	99	chr1:29353250-29353350
chr1	29555950	29556050	901-Lng-B-T	254	chr1:29555950-29556050
chr1	29776150	29776250	1188-Lng-A-T	43	chr1:29776150-29776250
chr1	29859750	29859850	1090-Lng-A-T	51	chr1:29859750-29859850
chr1	29964550	29964650	1065-Lng-C-T	73	chr1:29964550-29964650
chr1	30046150	30046250	1072-Lng-A-T	100	chr1:30046150-30046250
chr1	30227850	30227950	901-Lng-A-T	76	chr1:30227850-30227950
chr1	30374750	30374850	1100-Lng-A-T	59	chr1:30374750-30374850
chr1	30885550	30885650	901-Lng-A-T	101	chr1:30885550-30885650
chr1	30891550	30891650	846-Lng-A-T	194	chr1:30891550-30891650
chr1	30922850	30922950	901-Lng-C-T	56	chr1:30922850-30922950
chr1	31198250	31198350	1072-Lng-A-T	75	chr1:31198250-31198350
chr1	31434550	31434650	1152-Lng-A-T	187	chr1:31434550-31434650
chr1	31600550	31600650	1090-Lng-B-T	575	chr1:31600550-31600650
chr1	31604650	31604750	1065-Lng-B-T	97	chr1:31604650-31604750
chr1	31684550	31684650	846-Lng-A-T	91	chr1:31684550-31684650
chr1	31803050	31803150	1004-Lng-A-T	63	chr1:31803050-31803150
chr1	31816550	31816650	1188-Lng-A-T	45	chr1:31816550-31816650
chr1	32116950	32117050	1004-Lng-A-T	57	chr1:32116950-32117050
chr1	32315450	32315550	901-Lng-A-T	83	chr1:32315450-32315550
chr1	32627750	32627850	901-Lng-A-T	52	chr1:32627750-32627850
chr1	32945750	32945850	1188-Lng-A-T	39	chr1:32945750-32945850
chr1	33183650	33183750	1065-Lng-C-T	87	chr1:33183650-33183750
chr1	33253250	33253350	1065-Lng-B-T	73	chr1:33253250-33253350
chr1	33295750	33295850	1065-Lng-A-T	138	chr1:33295750-33295850
chr1	33378950	33379050	1223-Lng-D-T	41	chr1:33378950-33379050
chr1	33455350	33455450	1065-Lng-C-T	65	chr1:33455350-33455450
chr1	34197450	34197550	1223-Lng-D-T	57	chr1:34197450-34197550
chr1	34255050	34255150	1072-Lng-A-T	270	chr1:34255050-34255150
chr1	34333550	34333650	1152-Lng-A-T	57	chr1:34333550-34333650
chr1	34357150	34357250	846-Lng-A-T	152	chr1:34357150-34357250
chr1	34801050	34801150	1151-Lng-A-T	64	chr1:34801050-34801150
chr1	34850350	34850450	846-Lng-A-T	61	chr1:34850350-34850450
chr1	34884150	34884250	1223-Lng-C-T	89	chr1:34884150-34884250
chr1	35165250	35165350	1090-Lng-A-T	132	chr1:35165250-35165350
chr1	35289750	35289850	901-Lng-D-T	91	chr1:35289750-35289850
chr1	35573850	35573950	901-Lng-A-T	115	chr1:35573850-35573950
chr1	36080650	36080750	1188-Lng-A-T	42	chr1:36080650-36080750
chr1	36248150	36248250	1004-Lng-A-T	109	chr1:36248150-36248250
chr1	36251350	36251450	901-Lng-C-T	51	chr1:36251350-36251450
chr1	36402750	36402850	1151-Lng-A-T	129	chr1:36402750-36402850
chr1	36682750	36682850	1072-Lng-A-T	64	chr1:36682750-36682850

Table S2: SB Insertion regions

chr1	36722350	36722450	901-Lng-A-T	89	chr1:36722350-36722450
chr1	36786150	36786250	1100-Lng-B-T	50	chr1:36786150-36786250
chr1	36815250	36815350	1065-Lng-A-T	46	chr1:36815250-36815350
chr1	36870950	36871050	1223-Lng-D-T	40	chr1:36870950-36871050
chr1	36941950	36942050	1065-Lng-B-T	76	chr1:36941950-36942050
chr1	36947650	36947750	1274-Lng-A-T	141	chr1:36947650-36947750
chr1	36988750	36988850	1072-Lng-A-T	49	chr1:36988750-36988850
chr1	37134250	37134350	1274-Lng-A-T	155	chr1:37134250-37134350
chr1	37720550	37720650	1072-Lng-A-T	95	chr1:37720550-37720650
chr1	37762750	37762850	846-Lng-A-T	68	chr1:37762750-37762850
chr1	37883450	37883550	901-Lng-A-T	58	chr1:37883450-37883550
chr1	38070250	38070350	1223-Lng-C-T	62	chr1:38070250-38070350
chr1	38115850	38115950	1004-Lng-A-T	70	chr1:38115850-38115950
chr1	38166350	38166450	1072-Lng-A-T	57	chr1:38166350-38166450
chr1	38394350	38394450	1090-Lng-A-T	78	chr1:38394350-38394450
chr1	38744850	38744950	1223-Lng-C-T	50	chr1:38744850-38744950
chr1	38832150	38832250	1072-Lng-A-T	208	chr1:38832150-38832250
chr1	39049550	39049650	1065-Lng-A-T	46	chr1:39049550-39049650
chr1	39163050	39163150	1152-Lng-A-T	258	chr1:39163050-39163150
chr1	39279750	39279850	901-Lng-B-T	56	chr1:39279750-39279850
chr1	39283050	39283150	1100-Lng-A-T	56	chr1:39283050-39283150
chr1	39421050	39421150	1065-Lng-C-T	106	chr1:39421050-39421150
chr1	39501650	39501750	1167-Lng-A-T	46	chr1:39501650-39501750
chr1	39579550	39579650	901-Lng-A-T	382	chr1:39579550-39579650
chr1	39629850	39629950	1100-Lng-A-T	81	chr1:39629850-39629950
chr1	39785950	39786050	1223-Lng-A-T	218	chr1:39785950-39786050
chr1	39983450	39983550	1065-Lng-C-T	69	chr1:39983450-39983550
chr1	40031550	40031650	901-Lng-C-T	40	chr1:40031550-40031650
chr1	40247450	40247550	1223-Lng-B-T	34	chr1:40247450-40247550
chr1	40247450	40247550	1167-Lng-A-T	55	chr1:40247450-40247550
chr1	40247650	40247750	1152-Lng-A-T	154	chr1:40247650-40247750
chr1	40316350	40316450	1090-Lng-B-T	153	chr1:40316350-40316450
chr1	40376350	40376450	1090-Lng-B-T	604	chr1:40376350-40376450
chr1	40525050	40525150	1274-Lng-A-T	106	chr1:40525050-40525150
chr1	40528650	40528750	1223-Lng-C-T	48	chr1:40528650-40528750
chr1	40677250	40677350	1065-Lng-B-T	69	chr1:40677250-40677350
chr1	41208450	41208550	1188-Lng-A-T	43	chr1:41208450-41208550
chr1	41317950	41318050	1223-Lng-B-T	41	chr1:41317950-41318050
chr1	41689450	41689550	901-Lng-D-T	47	chr1:41689450-41689550
chr1	41841250	41841350	1274-Lng-A-T	93	chr1:41841250-41841350
chr1	42043150	42043250	901-Lng-A-T	58	chr1:42043150-42043250
chr1	42327750	42327850	1274-Lng-A-T	55	chr1:42327750-42327850
chr1	42909450	42909550	1223-Lng-C-T	169	chr1:42909450-42909550
chr1	42926950	42927050	901-Lng-D-T	372	chr1:42926950-42927050
chr1	42938050	42938150	846-Lng-A-T	100	chr1:42938050-42938150
chr1	42968350	42968450	1004-Lng-A-T	61	chr1:42968350-42968450

Table S2: SB Insertion regions

chr1	43075350	43075450	1223-Lng-C-T	59	chr1:43075350-43075450
chr1	43120150	43120250	901-Lng-A-T	80	chr1:43120150-43120250
chr1	43136150	43136250	901-Lng-D-T	155	chr1:43136150-43136250
chr1	43140450	43140550	1065-Lng-A-T	78	chr1:43140450-43140550
chr1	43157450	43157550	1004-Lng-A-T	67	chr1:43157450-43157550
chr1	43157850	43157950	1223-Lng-D-T	58	chr1:43157850-43157950
chr1	43507850	43507950	1065-Lng-B-T	446	chr1:43507850-43507950
chr1	43564950	43565050	1004-Lng-A-T	55	chr1:43564950-43565050
chr1	43586750	43586850	1090-Lng-A-T	121	chr1:43586750-43586850
chr1	43599650	43599750	901-Lng-C-T	67	chr1:43599650-43599750
chr1	43631850	43631950	1065-Lng-B-T	109	chr1:43631850-43631950
chr1	43831250	43831350	901-Lng-A-T	74	chr1:43831250-43831350
chr1	43848150	43848250	846-Lng-A-T	89	chr1:43848150-43848250
chr1	43994850	43994950	846-Lng-A-T	45	chr1:43994850-43994950
chr1	44016750	44016850	1223-Lng-B-T	37	chr1:44016750-44016850
chr1	44076650	44076750	1274-Lng-A-T	76	chr1:44076650-44076750
chr1	44078850	44078950	1090-Lng-B-T	1430	chr1:44078850-44078950
chr1	44179450	44179550	1004-Lng-A-T	74	chr1:44179450-44179550
chr1	44253450	44253550	1152-Lng-A-T	68	chr1:44253450-44253550
chr1	44276850	44276950	1065-Lng-C-T	78	chr1:44276850-44276950
chr1	44353350	44353450	1072-Lng-A-T	84	chr1:44353350-44353450
chr1	44654950	44655050	1065-Lng-B-T	51	chr1:44654950-44655050
chr1	44860350	44860450	1151-Lng-A-T	358	chr1:44860350-44860450
chr1	44920050	44920150	1152-Lng-A-T	92	chr1:44920050-44920150
chr1	45028850	45028950	1072-Lng-A-T	159	chr1:45028850-45028950
chr1	45415150	45415250	846-Lng-A-T	80	chr1:45415150-45415250
chr1	45874650	45874750	1223-Lng-A-T	82	chr1:45874650-45874750
chr1	45925450	45925550	901-Lng-C-T	86	chr1:45925450-45925550
chr1	46106050	46106150	901-Lng-D-T	114	chr1:46106050-46106150
chr1	46826050	46826150	901-Lng-A-T	52	chr1:46826050-46826150
chr1	46922450	46922550	1100-Lng-A-T	71	chr1:46922450-46922550
chr1	46941350	46941450	1274-Lng-A-T	86	chr1:46941350-46941450
chr1	46988650	46988750	1100-Lng-B-T	57	chr1:46988650-46988750
chr1	47116050	47116150	1090-Lng-A-T	80	chr1:47116050-47116150
chr1	47363750	47363850	1065-Lng-B-T	50	chr1:47363750-47363850
chr1	47483950	47484050	1004-Lng-A-T	77	chr1:47483950-47484050
chr1	47591650	47591750	1065-Lng-B-T	58	chr1:47591650-47591750
chr1	47599250	47599350	1090-Lng-A-T	50	chr1:47599250-47599350
chr1	47750950	47751050	1072-Lng-A-T	230	chr1:47750950-47751050
chr1	47978950	47979050	1167-Lng-A-T	95	chr1:47978950-47979050
chr1	48279650	48279750	1188-Lng-A-T	136	chr1:48279650-48279750
chr1	48572750	48572850	1090-Lng-A-T	87	chr1:48572750-48572850
chr1	48920750	48920850	1065-Lng-B-T	51	chr1:48920750-48920850
chr1	48994350	48994450	1090-Lng-A-T	72	chr1:48994350-48994450
chr1	49169550	49169650	1072-Lng-A-T	80	chr1:49169550-49169650
chr1	49182150	49182250	1065-Lng-A-T	87	chr1:49182150-49182250

Table S2: SB Insertion regions

chr1	49240050	49240150	1223-Lng-B-T	264	chr1:49240050-49240150
chr1	49299850	49299950	901-Lng-C-T	79	chr1:49299850-49299950
chr1	49336550	49336650	1065-Lng-B-T	50	chr1:49336550-49336650
chr1	49631850	49631950	1152-Lng-A-T	61	chr1:49631850-49631950
chr1	49797350	49797450	1167-Lng-A-T	55	chr1:49797350-49797450
chr1	49802650	49802750	1065-Lng-A-T	84	chr1:49802650-49802750
chr1	49905150	49905250	901-Lng-B-T	183	chr1:49905150-49905250
chr1	49928750	49928850	1065-Lng-A-T	46	chr1:49928750-49928850
chr1	50018450	50018550	901-Lng-B-T	60	chr1:50018450-50018550
chr1	50089850	50089950	1065-Lng-A-T	59	chr1:50089850-50089950
chr1	50580050	50580150	1090-Lng-A-T	95	chr1:50580050-50580150
chr1	50636650	50636750	901-Lng-B-T	54	chr1:50636650-50636750
chr1	50942050	50942150	1065-Lng-A-T	41	chr1:50942050-50942150
chr1	51063850	51063950	1065-Lng-A-T	319	chr1:51063850-51063950
chr1	51094950	51095050	1004-Lng-A-T	60	chr1:51094950-51095050
chr1	51359150	51359250	1065-Lng-B-T	57	chr1:51359150-51359250
chr1	51423550	51423650	1223-Lng-B-T	42	chr1:51423550-51423650
chr1	51893650	51893750	1065-Lng-A-T	47	chr1:51893650-51893750
chr1	51895750	51895850	1065-Lng-A-T	51	chr1:51895750-51895850
chr1	51903950	51904050	1151-Lng-A-T	63	chr1:51903950-51904050
chr1	51959650	51959750	1274-Lng-A-T	1019	chr1:51959650-51959750
chr1	51962650	51962750	1100-Lng-A-T	62	chr1:51962650-51962750
chr1	52225150	52225250	1065-Lng-A-T	56	chr1:52225150-52225250
chr1	52266750	52266850	1152-Lng-A-T	580	chr1:52266750-52266850
chr1	52297950	52298050	1065-Lng-B-T	45	chr1:52297950-52298050
chr1	52308850	52308950	901-Lng-C-T	85	chr1:52308850-52308950
chr1	52337650	52337750	1065-Lng-A-T	87	chr1:52337650-52337750
chr1	52514650	52514750	901-Lng-C-T	76	chr1:52514650-52514750
chr1	52553450	52553550	1167-Lng-A-T	93	chr1:52553450-52553550
chr1	52555950	52556050	901-Lng-C-T	186	chr1:52555950-52556050
chr1	52733850	52733950	1223-Lng-D-T	46	chr1:52733850-52733950
chr1	52743250	52743350	1274-Lng-A-T	62	chr1:52743250-52743350
chr1	52750450	52750550	1152-Lng-A-T	71	chr1:52750450-52750550
chr1	52774450	52774550	1065-Lng-C-T	81	chr1:52774450-52774550
chr1	52779750	52779850	846-Lng-A-T	121	chr1:52779750-52779850
chr1	52887350	52887450	1152-Lng-A-T	31	chr1:52887350-52887450
chr1	52920150	52920250	1223-Lng-B-T	46	chr1:52920150-52920250
chr1	52963850	52963950	846-Lng-A-T	198	chr1:52963850-52963950
chr1	53525150	53525250	1274-Lng-A-T	190	chr1:53525150-53525250
chr1	53567550	53567650	901-Lng-B-T	47	chr1:53567550-53567650
chr1	53836450	53836550	901-Lng-B-T	109	chr1:53836450-53836550
chr1	53944350	53944450	1072-Lng-A-T	53	chr1:53944350-53944450
chr1	54118750	54118850	1004-Lng-A-T	54	chr1:54118750-54118850
chr1	54164150	54164250	1223-Lng-D-T	46	chr1:54164150-54164250
chr1	54269650	54269750	1167-Lng-A-T	101	chr1:54269650-54269750
chr1	54452250	54452350	1188-Lng-A-T	118	chr1:54452250-54452350

Table S2: SB Insertion regions

chr1	54788650	54788750	1065-Lng-B-T	87	chr1:54788650-54788750
chr1	54804450	54804550	1152-Lng-A-T	63	chr1:54804450-54804550
chr1	54824250	54824350	1004-Lng-A-T	628	chr1:54824250-54824350
chr1	54862550	54862650	1274-Lng-A-T	196	chr1:54862550-54862650
chr1	54899150	54899250	1223-Lng-A-T	56	chr1:54899150-54899250
chr1	54925250	54925350	1065-Lng-B-T	485	chr1:54925250-54925350
chr1	54938150	54938250	1274-Lng-A-T	50	chr1:54938150-54938250
chr1	55012750	55012850	901-Lng-A-T	313	chr1:55012750-55012850
chr1	55067250	55067350	1223-Lng-A-T	220	chr1:55067250-55067350
chr1	55167350	55167450	846-Lng-A-T	831	chr1:55167350-55167450
chr1	55319750	55319850	1065-Lng-A-T	107	chr1:55319750-55319850
chr1	55455350	55455450	1152-Lng-A-T	37	chr1:55455350-55455450
chr1	55898350	55898450	1188-Lng-A-T	194	chr1:55898350-55898450
chr1	55991350	55991450	1223-Lng-D-T	59	chr1:55991350-55991450
chr1	56001950	56002050	846-Lng-A-T	63	chr1:56001950-56002050
chr1	56017650	56017750	846-Lng-A-T	51	chr1:56017650-56017750
chr1	56315050	56315150	1090-Lng-A-T	61	chr1:56315050-56315150
chr1	56491750	56491850	1152-Lng-A-T	143	chr1:56491750-56491850
chr1	56562950	56563050	1152-Lng-A-T	43	chr1:56562950-56563050
chr1	56650450	56650550	1004-Lng-A-T	662	chr1:56650450-56650550
chr1	57106550	57106650	846-Lng-A-T	92	chr1:57106550-57106650
chr1	57332350	57332450	1167-Lng-A-T	51	chr1:57332350-57332450
chr1	57360850	57360950	901-Lng-A-T	148	chr1:57360850-57360950
chr1	57360950	57361050	1065-Lng-A-T	218	chr1:57360950-57361050
chr1	57374750	57374850	901-Lng-B-T	97	chr1:57374750-57374850
chr1	58055350	58055450	1223-Lng-D-T	46	chr1:58055350-58055450
chr1	58081950	58082050	1188-Lng-A-T	47	chr1:58081950-58082050
chr1	58101450	58101550	1072-Lng-A-T	48	chr1:58101450-58101550
chr1	58113250	58113350	1274-Lng-A-T	95	chr1:58113250-58113350
chr1	58143550	58143650	1188-Lng-A-T	62	chr1:58143550-58143650
chr1	58165950	58166050	1090-Lng-A-T	1294	chr1:58165950-58166050
chr1	58204850	58204950	901-Lng-B-T	225	chr1:58204850-58204950
chr1	58400650	58400750	1100-Lng-B-T	144	chr1:58400650-58400750
chr1	58504350	58504450	846-Lng-A-T	145	chr1:58504350-58504450
chr1	58544250	58544350	1223-Lng-B-T	160	chr1:58544250-58544350
chr1	58598650	58598750	901-Lng-A-T	227	chr1:58598650-58598750
chr1	58916750	58916850	1004-Lng-A-T	65	chr1:58916750-58916850
chr1	58986850	58986950	1223-Lng-B-T	58	chr1:58986850-58986950
chr1	59016450	59016550	1167-Lng-A-T	151	chr1:59016450-59016550
chr1	59020750	59020850	1223-Lng-A-T	67	chr1:59020750-59020850
chr1	59288650	59288750	1100-Lng-A-T	63	chr1:59288650-59288750
chr1	59611950	59612050	1274-Lng-A-T	81	chr1:59611950-59612050
chr1	59695450	59695550	1065-Lng-A-T	41	chr1:59695450-59695550
chr1	59699750	59699850	1072-Lng-A-T	93	chr1:59699750-59699850
chr1	59702850	59702950	1223-Lng-B-T	52	chr1:59702850-59702950
chr1	59740250	59740350	1090-Lng-A-T	113	chr1:59740250-59740350

Table S2: SB Insertion regions

chr1	59776750	59776850	1223-Lng-B-T	78	chr1:59776750-59776850
chr1	59795750	59795850	846-Lng-A-T	1296	chr1:59795750-59795850
chr1	59840550	59840650	901-Lng-A-T	90	chr1:59840550-59840650
chr1	59861250	59861350	1274-Lng-A-T	133	chr1:59861250-59861350
chr1	59865150	59865250	901-Lng-C-T	45	chr1:59865150-59865250
chr1	59907650	59907750	1100-Lng-A-T	129	chr1:59907650-59907750
chr1	59937650	59937750	1223-Lng-C-T	43	chr1:59937650-59937750
chr1	59968350	59968450	1072-Lng-A-T	128	chr1:59968350-59968450
chr1	59974250	59974350	1223-Lng-D-T	54	chr1:59974250-59974350
chr1	59992250	59992350	1152-Lng-A-T	33	chr1:59992250-59992350
chr1	59997050	59997150	1090-Lng-A-T	75	chr1:59997050-59997150
chr1	60017650	60017750	1100-Lng-A-T	80	chr1:60017650-60017750
chr1	60024350	60024450	1188-Lng-A-T	320	chr1:60024350-60024450
chr1	60057750	60057850	1274-Lng-A-T	226	chr1:60057750-60057850
chr1	60070450	60070550	1065-Lng-B-T	87	chr1:60070450-60070550
chr1	60110750	60110850	1090-Lng-A-T	64	chr1:60110750-60110850
chr1	60215150	60215250	1223-Lng-A-T	971	chr1:60215150-60215250
chr1	60350750	60350850	1274-Lng-A-T	67	chr1:60350750-60350850
chr1	60369650	60369750	1152-Lng-A-T	133	chr1:60369650-60369750
chr1	60386050	60386150	1100-Lng-A-T	82	chr1:60386050-60386150
chr1	60392550	60392650	1223-Lng-C-T	133	chr1:60392550-60392650
chr1	60448750	60448850	1167-Lng-A-T	82	chr1:60448750-60448850
chr1	60553350	60553450	1072-Lng-A-T	108	chr1:60553350-60553450
chr1	60559850	60559950	1274-Lng-A-T	58	chr1:60559850-60559950
chr1	60581150	60581250	901-Lng-D-T	529	chr1:60581150-60581250
chr1	60598350	60598450	1100-Lng-A-T	105	chr1:60598350-60598450
chr1	60793350	60793450	1274-Lng-A-T	69	chr1:60793350-60793450
chr1	60910750	60910850	1072-Lng-A-T	122	chr1:60910750-60910850
chr1	61393850	61393950	1090-Lng-B-T	320	chr1:61393850-61393950
chr1	61427150	61427250	1004-Lng-A-T	135	chr1:61427150-61427250
chr1	61453450	61453550	1223-Lng-A-T	66	chr1:61453450-61453550
chr1	61689750	61689850	1100-Lng-A-T	118	chr1:61689750-61689850
chr1	61712950	61713050	1090-Lng-B-T	123	chr1:61712950-61713050
chr1	61838550	61838650	1223-Lng-A-T	87	chr1:61838550-61838650
chr1	61838650	61838750	1004-Lng-A-T	68	chr1:61838650-61838750
chr1	61916250	61916350	1223-Lng-B-T	154	chr1:61916250-61916350
chr1	61936750	61936850	1065-Lng-A-T	66	chr1:61936750-61936850
chr1	61969950	61970050	1152-Lng-A-T	108	chr1:61969950-61970050
chr1	61973950	61974050	1100-Lng-A-T	164	chr1:61973950-61974050
chr1	62076250	62076350	901-Lng-A-T	81	chr1:62076250-62076350
chr1	62243750	62243850	901-Lng-C-T	98	chr1:62243750-62243850
chr1	62288150	62288250	1065-Lng-C-T	992	chr1:62288150-62288250
chr1	62328550	62328650	901-Lng-A-T	86	chr1:62328550-62328650
chr1	63033350	63033450	1100-Lng-A-T	810	chr1:63033350-63033450
chr1	63097050	63097150	1004-Lng-A-T	473	chr1:63097050-63097150
chr1	63127550	63127650	1223-Lng-A-T	190	chr1:63127550-63127650

Table S2: SB Insertion regions

chr1	63128050	63128150	1100-Lng-B-T	59	chr1:63128050-63128150
chr1	63146350	63146450	1065-Lng-A-T	58	chr1:63146350-63146450
chr1	63148650	63148750	1274-Lng-A-T	71	chr1:63148650-63148750
chr1	63342250	63342350	1223-Lng-C-T	43	chr1:63342250-63342350
chr1	63375050	63375150	1223-Lng-A-T	170	chr1:63375050-63375150
chr1	63550450	63550550	1223-Lng-A-T	1313	chr1:63550450-63550550
chr1	64022650	64022750	901-Lng-A-T	65	chr1:64022650-64022750
chr1	64090750	64090850	901-Lng-C-T	55	chr1:64090750-64090850
chr1	64151350	64151450	1065-Lng-A-T	66	chr1:64151350-64151450
chr1	64179750	64179850	1065-Lng-B-T	48	chr1:64179750-64179850
chr1	64352750	64352850	1223-Lng-B-T	39	chr1:64352750-64352850
chr1	64544450	64544550	1072-Lng-A-T	95	chr1:64544450-64544550
chr1	64564150	64564250	1274-Lng-A-T	80	chr1:64564150-64564250
chr1	64595550	64595650	846-Lng-A-T	86	chr1:64595550-64595650
chr1	64597550	64597650	901-Lng-C-T	40	chr1:64597550-64597650
chr1	64616650	64616750	1090-Lng-A-T	202	chr1:64616650-64616750
chr1	64717950	64718050	1004-Lng-A-T	88	chr1:64717950-64718050
chr1	64731150	64731250	1065-Lng-A-T	35	chr1:64731150-64731250
chr1	64893450	64893550	1167-Lng-A-T	69	chr1:64893450-64893550
chr1	64894050	64894150	1167-Lng-A-T	807	chr1:64894050-64894150
chr1	64900850	64900950	1004-Lng-A-T	114	chr1:64900850-64900950
chr1	64965150	64965250	1223-Lng-A-T	134	chr1:64965150-64965250
chr1	64986250	64986350	901-Lng-C-T	29	chr1:64986250-64986350
chr1	65204850	65204950	1188-Lng-A-T	761	chr1:65204850-65204950
chr1	65204850	65204950	1223-Lng-B-T	37	chr1:65204850-65204950
chr1	65250550	65250650	1065-Lng-B-T	53	chr1:65250550-65250650
chr1	65284050	65284150	1065-Lng-A-T	64	chr1:65284050-65284150
chr1	65447850	65447950	1223-Lng-A-T	121	chr1:65447850-65447950
chr1	65465850	65465950	901-Lng-A-T	83	chr1:65465850-65465950
chr1	65944350	65944450	1167-Lng-A-T	61	chr1:65944350-65944450
chr1	66057250	66057350	1188-Lng-A-T	204	chr1:66057250-66057350
chr1	66192150	66192250	1100-Lng-B-T	61	chr1:66192150-66192250
chr1	66205950	66206050	1188-Lng-A-T	39	chr1:66205950-66206050
chr1	66588850	66588950	1065-Lng-C-T	85	chr1:66588850-66588950
chr1	66775950	66776050	1188-Lng-A-T	1709	chr1:66775950-66776050
chr1	66777550	66777650	1188-Lng-A-T	96	chr1:66777550-66777650
chr1	66777750	66777850	846-Lng-A-T	94	chr1:66777750-66777850
chr1	66780750	66780850	1188-Lng-A-T	50	chr1:66780750-66780850
chr1	66850850	66850950	1188-Lng-A-T	164	chr1:66850850-66850950
chr1	66851250	66851350	1274-Lng-A-T	149	chr1:66851250-66851350
chr1	66856850	66856950	901-Lng-A-T	101	chr1:66856850-66856950
chr1	66907550	66907650	1167-Lng-A-T	45	chr1:66907550-66907650
chr1	67022050	67022150	1072-Lng-A-T	58	chr1:67022050-67022150
chr1	67042550	67042650	1090-Lng-A-T	64	chr1:67042550-67042650
chr1	67064150	67064250	846-Lng-A-T	388	chr1:67064150-67064250
chr1	67078850	67078950	846-Lng-A-T	82	chr1:67078850-67078950

Table S2: SB Insertion regions

chr1	67100650	67100750	1223-Lng-C-T	48	chr1:67100650-67100750
chr1	67363050	67363150	901-Lng-B-T	114	chr1:67363050-67363150
chr1	67386650	67386750	1223-Lng-C-T	46	chr1:67386650-67386750
chr1	67438450	67438550	901-Lng-C-T	185	chr1:67438450-67438550
chr1	67438650	67438750	901-Lng-C-T	42	chr1:67438650-67438750
chr1	67509050	67509150	1065-Lng-B-T	76	chr1:67509050-67509150
chr1	67528150	67528250	901-Lng-A-T	137	chr1:67528150-67528250
chr1	67906650	67906750	901-Lng-A-T	59	chr1:67906650-67906750
chr1	67910950	67911050	901-Lng-B-T	238	chr1:67910950-67911050
chr1	68179050	68179150	1152-Lng-A-T	58	chr1:68179050-68179150
chr1	68535750	68535850	1072-Lng-A-T	174	chr1:68535750-68535850
chr1	68626150	68626250	1223-Lng-A-T	214	chr1:68626150-68626250
chr1	68703350	68703450	901-Lng-A-T	109	chr1:68703350-68703450
chr1	68836850	68836950	1065-Lng-A-T	45	chr1:68836850-68836950
chr1	68888050	68888150	1274-Lng-A-T	54	chr1:68888050-68888150
chr1	68963550	68963650	1167-Lng-A-T	69	chr1:68963550-68963650
chr1	69080750	69080850	901-Lng-A-T	136	chr1:69080750-69080850
chr1	69187750	69187850	1188-Lng-A-T	49	chr1:69187750-69187850
chr1	69338050	69338150	1100-Lng-A-T	61	chr1:69338050-69338150
chr1	69623350	69623450	1065-Lng-B-T	43	chr1:69623350-69623450
chr1	69637850	69637950	1167-Lng-A-T	121	chr1:69637850-69637950
chr1	69690950	69691050	1090-Lng-A-T	103	chr1:69690950-69691050
chr1	69930150	69930250	901-Lng-B-T	181	chr1:69930150-69930250
chr1	70244750	70244850	1100-Lng-A-T	100	chr1:70244750-70244850
chr1	70390150	70390250	1223-Lng-B-T	204	chr1:70390150-70390250
chr1	70565650	70565750	1223-Lng-A-T	160	chr1:70565650-70565750
chr1	70710050	70710150	1065-Lng-B-T	63	chr1:70710050-70710150
chr1	70756350	70756450	1065-Lng-B-T	56	chr1:70756350-70756450
chr1	70778350	70778450	1152-Lng-A-T	109	chr1:70778350-70778450
chr1	70792650	70792750	1065-Lng-A-T	65	chr1:70792650-70792750
chr1	70860550	70860650	1223-Lng-A-T	166	chr1:70860550-70860650
chr1	70976850	70976950	1223-Lng-A-T	54	chr1:70976850-70976950
chr1	71087150	71087250	901-Lng-B-T	329	chr1:71087150-71087250
chr1	71304150	71304250	1274-Lng-A-T	110	chr1:71304150-71304250
chr1	71331250	71331350	1152-Lng-A-T	69	chr1:71331250-71331350
chr1	71440450	71440550	1188-Lng-A-T	48	chr1:71440450-71440550
chr1	71636050	71636150	846-Lng-A-T	76	chr1:71636050-71636150
chr1	72239450	72239550	901-Lng-B-T	95	chr1:72239450-72239550
chr1	72394850	72394950	901-Lng-B-T	120	chr1:72394850-72394950
chr1	72461350	72461450	1188-Lng-A-T	35	chr1:72461350-72461450
chr1	72518750	72518850	901-Lng-A-T	422	chr1:72518750-72518850
chr1	72552850	72552950	1151-Lng-A-T	443	chr1:72552850-72552950
chr1	72630450	72630550	1100-Lng-A-T	67	chr1:72630450-72630550
chr1	72814450	72814550	1090-Lng-B-T	538	chr1:72814450-72814550
chr1	73009450	73009550	901-Lng-C-T	53	chr1:73009450-73009550
chr1	73039150	73039250	1100-Lng-A-T	98	chr1:73039150-73039250

Table S2: SB Insertion regions

chr1	73099950	73100050	1072-Lng-A-T	175	chr1:73099950-73100050
chr1	73191750	73191850	1223-Lng-A-T	120	chr1:73191750-73191850
chr1	73221650	73221750	1100-Lng-A-T	76	chr1:73221650-73221750
chr1	73251550	73251650	901-Lng-A-T	263	chr1:73251550-73251650
chr1	73273250	73273350	1004-Lng-A-T	53	chr1:73273250-73273350
chr1	73297150	73297250	1004-Lng-A-T	100	chr1:73297150-73297250
chr1	73297250	73297350	1004-Lng-A-T	176	chr1:73297250-73297350
chr1	74045250	74045350	1152-Lng-A-T	56	chr1:74045250-74045350
chr1	74155650	74155750	1065-Lng-C-T	68	chr1:74155650-74155750
chr1	74192850	74192950	1151-Lng-A-T	66	chr1:74192850-74192950
chr1	74507550	74507650	1223-Lng-C-T	43	chr1:74507550-74507650
chr1	74509050	74509150	1167-Lng-A-T	61	chr1:74509050-74509150
chr1	74557550	74557650	1223-Lng-A-T	61	chr1:74557550-74557650
chr1	74580450	74580550	901-Lng-A-T	54	chr1:74580450-74580550
chr1	74633450	74633550	1100-Lng-A-T	343	chr1:74633450-74633550
chr1	74644850	74644950	1100-Lng-A-T	90	chr1:74644850-74644950
chr1	75122550	75122650	1152-Lng-A-T	64	chr1:75122550-75122650
chr1	75186150	75186250	1151-Lng-A-T	1470	chr1:75186150-75186250
chr1	75214250	75214350	1152-Lng-A-T	65	chr1:75214250-75214350
chr1	75467550	75467650	1223-Lng-B-T	35	chr1:75467550-75467650
chr1	75550550	75550650	1065-Lng-C-T	386	chr1:75550550-75550650
chr1	75656550	75656650	1065-Lng-A-T	43	chr1:75656550-75656650
chr1	75880350	75880450	901-Lng-C-T	92	chr1:75880350-75880450
chr1	76063150	76063250	1167-Lng-A-T	124	chr1:76063150-76063250
chr1	76157350	76157450	901-Lng-A-T	59	chr1:76157350-76157450
chr1	77078250	77078350	1004-Lng-A-T	273	chr1:77078250-77078350
chr1	77425150	77425250	1274-Lng-A-T	55	chr1:77425150-77425250
chr1	77482450	77482550	1152-Lng-A-T	67	chr1:77482450-77482550
chr1	77528350	77528450	1223-Lng-C-T	48	chr1:77528350-77528450
chr1	77892750	77892850	1223-Lng-B-T	34	chr1:77892750-77892850
chr1	78148550	78148650	1223-Lng-A-T	176	chr1:78148550-78148650
chr1	78297050	78297150	901-Lng-C-T	55	chr1:78297050-78297150
chr1	78307950	78308050	1188-Lng-A-T	209	chr1:78307950-78308050
chr1	78430550	78430650	1274-Lng-A-T	331	chr1:78430550-78430650
chr1	78466150	78466250	1223-Lng-A-T	61	chr1:78466150-78466250
chr1	78602150	78602250	1223-Lng-A-T	110	chr1:78602150-78602250
chr1	79015150	79015250	1065-Lng-B-T	58	chr1:79015150-79015250
chr1	79090550	79090650	1152-Lng-A-T	88	chr1:79090550-79090650
chr1	79223350	79223450	1065-Lng-B-T	87	chr1:79223350-79223450
chr1	79694450	79694550	1188-Lng-A-T	43	chr1:79694450-79694550
chr1	79702950	79703050	1188-Lng-A-T	38	chr1:79702950-79703050
chr1	79773650	79773750	1223-Lng-B-T	217	chr1:79773650-79773750
chr1	79789250	79789350	1167-Lng-A-T	50	chr1:79789250-79789350
chr1	79814250	79814350	901-Lng-A-T	103	chr1:79814250-79814350
chr1	79833150	79833250	1072-Lng-A-T	55	chr1:79833150-79833250
chr1	80188950	80189050	901-Lng-B-T	93	chr1:80188950-80189050

Table S2: SB Insertion regions

chr1	80260950	80261050	1223-Lng-B-T	34	chr1:80260950-80261050
chr1	80266250	80266350	901-Lng-A-T	119	chr1:80266250-80266350
chr1	80281950	80282050	901-Lng-D-T	496	chr1:80281950-80282050
chr1	80283450	80283550	1004-Lng-A-T	103	chr1:80283450-80283550
chr1	80302650	80302750	1188-Lng-A-T	49	chr1:80302650-80302750
chr1	80308450	80308550	901-Lng-A-T	567	chr1:80308450-80308550
chr1	80309250	80309350	1188-Lng-A-T	79	chr1:80309250-80309350
chr1	80314550	80314650	1167-Lng-A-T	93	chr1:80314550-80314650
chr1	80317150	80317250	1223-Lng-C-T	46	chr1:80317150-80317250
chr1	80318950	80319050	1151-Lng-A-T	124	chr1:80318950-80319050
chr1	80325850	80325950	1151-Lng-A-T	212	chr1:80325850-80325950
chr1	80328750	80328850	901-Lng-A-T	389	chr1:80328750-80328850
chr1	80492050	80492150	1100-Lng-A-T	63	chr1:80492050-80492150
chr1	80600750	80600850	1223-Lng-B-T	514	chr1:80600750-80600850
chr1	80671850	80671950	1065-Lng-B-T	97	chr1:80671850-80671950
chr1	80744050	80744150	1223-Lng-B-T	164	chr1:80744050-80744150
chr1	81129450	81129550	1100-Lng-A-T	64	chr1:81129450-81129550
chr1	81135750	81135850	1274-Lng-A-T	517	chr1:81135750-81135850
chr1	81150150	81150250	1072-Lng-A-T	152	chr1:81150150-81150250
chr1	81206750	81206850	901-Lng-C-T	28	chr1:81206750-81206850
chr1	81481250	81481350	1274-Lng-A-T	117	chr1:81481250-81481350
chr1	81528350	81528450	901-Lng-B-T	54	chr1:81528350-81528450
chr1	81528350	81528450	1152-Lng-A-T	43	chr1:81528350-81528450
chr1	81528350	81528450	1188-Lng-A-T	38	chr1:81528350-81528450
chr1	81528350	81528450	1223-Lng-B-T	81	chr1:81528350-81528450
chr1	81528350	81528450	901-Lng-A-T	87	chr1:81528350-81528450
chr1	81570050	81570150	1072-Lng-A-T	51	chr1:81570050-81570150
chr1	81836050	81836150	901-Lng-B-T	61	chr1:81836050-81836150
chr1	82013250	82013350	901-Lng-C-T	67	chr1:82013250-82013350
chr1	82240550	82240650	1065-Lng-A-T	34	chr1:82240550-82240650
chr1	82263150	82263250	901-Lng-A-T	158	chr1:82263150-82263250
chr1	82515650	82515750	901-Lng-A-T	70	chr1:82515650-82515750
chr1	82579550	82579650	1223-Lng-B-T	135	chr1:82579550-82579650
chr1	82588650	82588750	901-Lng-D-T	480	chr1:82588650-82588750
chr1	82592250	82592350	1100-Lng-A-T	126	chr1:82592250-82592350
chr1	82605450	82605550	1151-Lng-A-T	65	chr1:82605450-82605550
chr1	82664150	82664250	1090-Lng-A-T	47	chr1:82664150-82664250
chr1	82698150	82698250	846-Lng-A-T	86	chr1:82698150-82698250
chr1	82707150	82707250	901-Lng-C-T	119	chr1:82707150-82707250
chr1	82839750	82839850	1188-Lng-A-T	232	chr1:82839750-82839850
chr1	82850150	82850250	1274-Lng-A-T	230	chr1:82850150-82850250
chr1	82926850	82926950	1090-Lng-A-T	82	chr1:82926850-82926950
chr1	82946550	82946650	1004-Lng-A-T	81	chr1:82946550-82946650
chr1	83269850	83269950	1090-Lng-A-T	85	chr1:83269850-83269950
chr1	83567050	83567150	901-Lng-B-T	132	chr1:83567050-83567150
chr1	83625550	83625650	901-Lng-B-T	272	chr1:83625550-83625650

Table S2: SB Insertion regions

chr1	83657950	83658050	1152-Lng-A-T	51	chr1:83657950-83658050
chr1	83946950	83947050	1274-Lng-A-T	96	chr1:83946950-83947050
chr1	84421750	84421850	1274-Lng-A-T	81	chr1:84421750-84421850
chr1	84722050	84722150	1274-Lng-A-T	56	chr1:84722050-84722150
chr1	84722050	84722150	1065-Lng-A-T	558	chr1:84722050-84722150
chr1	84735750	84735850	1100-Lng-A-T	128	chr1:84735750-84735850
chr1	84749150	84749250	1188-Lng-A-T	80	chr1:84749150-84749250
chr1	84775550	84775650	901-Lng-B-T	80	chr1:84775550-84775650
chr1	84777950	84778050	901-Lng-D-T	103	chr1:84777950-84778050
chr1	84793650	84793750	1188-Lng-A-T	35	chr1:84793650-84793750
chr1	84800550	84800650	1004-Lng-A-T	72	chr1:84800550-84800650
chr1	84801350	84801450	1274-Lng-A-T	140	chr1:84801350-84801450
chr1	85253550	85253650	1004-Lng-A-T	480	chr1:85253550-85253650
chr1	85343550	85343650	1100-Lng-A-T	82	chr1:85343550-85343650
chr1	87388850	87388950	1004-Lng-A-T	71	chr1:87388850-87388950
chr1	87393050	87393150	1072-Lng-A-T	118	chr1:87393050-87393150
chr1	87699450	87699550	1223-Lng-B-T	40	chr1:87699450-87699550
chr1	87710650	87710750	1100-Lng-A-T	72	chr1:87710650-87710750
chr1	87726450	87726550	1152-Lng-A-T	261	chr1:87726450-87726550
chr1	87730450	87730550	1072-Lng-A-T	197	chr1:87730450-87730550
chr1	87739950	87740050	1065-Lng-B-T	60	chr1:87739950-87740050
chr1	87741250	87741350	1274-Lng-A-T	107	chr1:87741250-87741350
chr1	87743850	87743950	1065-Lng-B-T	43	chr1:87743850-87743950
chr1	88021050	88021150	901-Lng-C-T	271	chr1:88021050-88021150
chr1	88137450	88137550	1188-Lng-A-T	110	chr1:88137450-88137550
chr1	88164550	88164650	1100-Lng-A-T	141	chr1:88164550-88164650
chr1	88454750	88454850	1223-Lng-D-T	48	chr1:88454750-88454850
chr1	88511450	88511550	1065-Lng-B-T	64	chr1:88511450-88511550
chr1	88853350	88853450	1065-Lng-C-T	86	chr1:88853350-88853450
chr1	88915150	88915250	1004-Lng-A-T	51	chr1:88915150-88915250
chr1	89119950	89120050	901-Lng-A-T	547	chr1:89119950-89120050
chr1	89148950	89149050	1100-Lng-A-T	145	chr1:89148950-89149050
chr1	89292050	89292150	1100-Lng-A-T	83	chr1:89292050-89292150
chr1	89309550	89309650	1072-Lng-A-T	189	chr1:89309550-89309650
chr1	89320550	89320650	1188-Lng-A-T	39	chr1:89320550-89320650
chr1	89442850	89442950	1274-Lng-A-T	193	chr1:89442850-89442950
chr1	89555850	89555950	1004-Lng-A-T	61	chr1:89555850-89555950
chr1	89789350	89789450	1072-Lng-A-T	53	chr1:89789350-89789450
chr1	89817450	89817550	1223-Lng-D-T	49	chr1:89817450-89817550
chr1	89968350	89968450	1223-Lng-B-T	468	chr1:89968350-89968450
chr1	90049550	90049650	1090-Lng-B-T	226	chr1:90049550-90049650
chr1	90170850	90170950	1004-Lng-A-T	114	chr1:90170850-90170950
chr1	91164050	91164150	1072-Lng-A-T	171	chr1:91164050-91164150
chr1	91404550	91404650	901-Lng-B-T	142	chr1:91404550-91404650
chr1	91437250	91437350	1223-Lng-C-T	100	chr1:91437250-91437350
chr1	91468750	91468850	1090-Lng-A-T	62	chr1:91468750-91468850

Table S2: SB Insertion regions

chr1	91483050	91483150	1065-Lng-A-T	84	chr1:91483050-91483150
chr1	91490250	91490350	1223-Lng-D-T	52	chr1:91490250-91490350
chr1	91533350	91533450	1100-Lng-A-T	71	chr1:91533350-91533450
chr1	91660950	91661050	1223-Lng-C-T	51	chr1:91660950-91661050
chr1	91663650	91663750	901-Lng-A-T	50	chr1:91663650-91663750
chr1	92290450	92290550	1072-Lng-A-T	72	chr1:92290450-92290550
chr1	92296650	92296750	1072-Lng-A-T	381	chr1:92296650-92296750
chr1	92484850	92484950	1188-Lng-A-T	97	chr1:92484850-92484950
chr1	92612450	92612550	1004-Lng-A-T	51	chr1:92612450-92612550
chr1	92643450	92643550	1167-Lng-A-T	58	chr1:92643450-92643550
chr1	92822350	92822450	1223-Lng-C-T	65	chr1:92822350-92822450
chr1	92943450	92943550	1065-Lng-B-T	45	chr1:92943450-92943550
chr1	92956450	92956550	1100-Lng-A-T	63	chr1:92956450-92956550
chr1	92967550	92967650	1072-Lng-A-T	64	chr1:92967550-92967650
chr1	92980650	92980750	1152-Lng-A-T	249	chr1:92980650-92980750
chr1	93000250	93000350	901-Lng-D-T	373	chr1:93000250-93000350
chr1	93046550	93046650	1188-Lng-A-T	120	chr1:93046550-93046650
chr1	93108150	93108250	1188-Lng-A-T	36	chr1:93108150-93108250
chr1	93145750	93145850	1152-Lng-A-T	162	chr1:93145750-93145850
chr1	93147950	93148050	1223-Lng-D-T	44	chr1:93147950-93148050
chr1	93153250	93153350	1065-Lng-A-T	244	chr1:93153250-93153350
chr1	93157150	93157250	1004-Lng-A-T	92	chr1:93157150-93157250
chr1	93203550	93203650	1065-Lng-B-T	67	chr1:93203550-93203650
chr1	93211850	93211950	901-Lng-B-T	55	chr1:93211850-93211950
chr1	93270350	93270450	1223-Lng-D-T	88	chr1:93270350-93270450
chr1	93502350	93502450	1090-Lng-B-T	781	chr1:93502350-93502450
chr1	93746450	93746550	1090-Lng-A-T	129	chr1:93746450-93746550
chr1	93753950	93754050	1223-Lng-C-T	49	chr1:93753950-93754050
chr1	93958950	93959050	901-Lng-C-T	85	chr1:93958950-93959050
chr1	93969250	93969350	1167-Lng-A-T	147	chr1:93969250-93969350
chr1	94002650	94002750	1004-Lng-A-T	70	chr1:94002650-94002750
chr1	94046050	94046150	1223-Lng-A-T	178	chr1:94046050-94046150
chr1	94065350	94065450	1065-Lng-C-T	129	chr1:94065350-94065450
chr1	94071350	94071450	1188-Lng-A-T	49	chr1:94071350-94071450
chr1	95131450	95131550	846-Lng-A-T	138	chr1:95131450-95131550
chr1	95134450	95134550	901-Lng-A-T	84	chr1:95134450-95134550
chr1	95234550	95234650	901-Lng-A-T	94	chr1:95234550-95234650
chr1	95240950	95241050	1167-Lng-A-T	76	chr1:95240950-95241050
chr1	95307250	95307350	1065-Lng-A-T	47	chr1:95307250-95307350
chr1	95488150	95488250	1090-Lng-A-T	55	chr1:95488150-95488250
chr1	95655550	95655650	1223-Lng-C-T	164	chr1:95655550-95655650
chr1	95674250	95674350	901-Lng-C-T	140	chr1:95674250-95674350
chr1	96069750	96069850	1223-Lng-C-T	54	chr1:96069750-96069850
chr1	96236250	96236350	1004-Lng-A-T	122	chr1:96236250-96236350
chr1	96260550	96260650	1065-Lng-C-T	88	chr1:96260550-96260650
chr1	96424050	96424150	1090-Lng-B-T	531	chr1:96424050-96424150

Table S2: SB Insertion regions

chr1	96450650	96450750	1004-Lng-A-T	587	chr1:96450650-96450750
chr1	96523250	96523350	1188-Lng-A-T	43	chr1:96523250-96523350
chr1	96856150	96856250	1274-Lng-A-T	94	chr1:96856150-96856250
chr1	96856150	96856250	901-Lng-A-T	199	chr1:96856150-96856250
chr1	96856150	96856250	1090-Lng-B-T	119	chr1:96856150-96856250
chr1	96856150	96856250	901-Lng-C-T	117	chr1:96856150-96856250
chr1	96856150	96856250	901-Lng-D-T	81	chr1:96856150-96856250
chr1	96856150	96856250	1188-Lng-A-T	115	chr1:96856150-96856250
chr1	96856150	96856250	1152-Lng-A-T	95	chr1:96856150-96856250
chr1	96856150	96856250	1065-Lng-A-T	43	chr1:96856150-96856250
chr1	96856150	96856250	1072-Lng-A-T	84	chr1:96856150-96856250
chr1	96856150	96856250	1223-Lng-D-T	49	chr1:96856150-96856250
chr1	96856150	96856250	846-Lng-A-T	229	chr1:96856150-96856250
chr1	96881750	96881850	1004-Lng-A-T	53	chr1:96881750-96881850
chr1	96908050	96908150	1151-Lng-A-T	59	chr1:96908050-96908150
chr1	96955850	96955950	1274-Lng-A-T	74	chr1:96955850-96955950
chr1	96979250	96979350	901-Lng-B-T	48	chr1:96979250-96979350
chr1	96999850	96999950	1065-Lng-A-T	54	chr1:96999850-96999950
chr1	97037550	97037650	846-Lng-A-T	44	chr1:97037550-97037650
chr1	97206150	97206250	1223-Lng-B-T	162	chr1:97206150-97206250
chr1	97213950	97214050	846-Lng-A-T	51	chr1:97213950-97214050
chr1	97224950	97225050	1188-Lng-A-T	194	chr1:97224950-97225050
chr1	97235750	97235850	846-Lng-A-T	125	chr1:97235750-97235850
chr1	97260850	97260950	1274-Lng-A-T	65	chr1:97260850-97260950
chr1	97437150	97437250	1004-Lng-A-T	78	chr1:97437150-97437250
chr1	97619450	97619550	1223-Lng-A-T	57	chr1:97619450-97619550
chr1	97668350	97668450	1223-Lng-B-T	98	chr1:97668350-97668450
chr1	97723350	97723450	901-Lng-B-T	75	chr1:97723350-97723450
chr1	97996450	97996550	846-Lng-A-T	137	chr1:97996450-97996550
chr1	98022950	98023050	1072-Lng-A-T	66	chr1:98022950-98023050
chr1	98050850	98050950	1152-Lng-A-T	48	chr1:98050850-98050950
chr1	98135050	98135150	1152-Lng-A-T	69	chr1:98135050-98135150
chr1	98204650	98204750	1090-Lng-A-T	130	chr1:98204650-98204750
chr1	98481050	98481150	1065-Lng-B-T	88	chr1:98481050-98481150
chr1	98546850	98546950	1090-Lng-A-T	65	chr1:98546850-98546950
chr1	98711850	98711950	1100-Lng-A-T	52	chr1:98711850-98711950
chr1	98739050	98739150	1152-Lng-A-T	38	chr1:98739050-98739150
chr1	98756050	98756150	901-Lng-D-T	110	chr1:98756050-98756150
chr1	98792350	98792450	1065-Lng-A-T	34	chr1:98792350-98792450
chr1	98833350	98833450	1100-Lng-A-T	57	chr1:98833350-98833450
chr1	98890350	98890450	901-Lng-D-T	38	chr1:98890350-98890450
chr1	99012950	99013050	1072-Lng-A-T	76	chr1:99012950-99013050
chr1	99528150	99528250	846-Lng-A-T	112	chr1:99528150-99528250
chr1	99548550	99548650	901-Lng-A-T	123	chr1:99548550-99548650
chr1	99832750	99832850	846-Lng-A-T	260	chr1:99832750-99832850
chr1	99846450	99846550	1065-Lng-B-T	42	chr1:99846450-99846550

Table S2: SB Insertion regions

chr1	99865250	99865350	901-Lng-B-T	184	chr1:99865250-99865350
chr1	99883450	99883550	1065-Lng-C-T	1021	chr1:99883450-99883550
chr1	99969150	99969250	1004-Lng-A-T	225	chr1:99969150-99969250
chr1	100004050	100004150	901-Lng-A-T	62	chr1:100004050-100004150
chr1	100362350	100362450	901-Lng-A-T	84	chr1:100362350-100362450
chr1	100504350	100504450	1223-Lng-A-T	79	chr1:100504350-100504450
chr1	100577050	100577150	1152-Lng-A-T	47	chr1:100577050-100577150
chr1	100623750	100623850	1152-Lng-A-T	109	chr1:100623750-100623850
chr1	100632850	100632950	1004-Lng-A-T	87	chr1:100632850-100632950
chr1	101189950	101190050	1152-Lng-A-T	50	chr1:101189950-101190050
chr1	101344650	101344750	901-Lng-A-T	64	chr1:101344650-101344750
chr1	101372250	101372350	1072-Lng-A-T	154	chr1:101372250-101372350
chr1	101381050	101381150	901-Lng-A-T	96	chr1:101381050-101381150
chr1	101523750	101523850	1152-Lng-A-T	110	chr1:101523750-101523850
chr1	102142250	102142350	901-Lng-C-T	126	chr1:102142250-102142350
chr1	102154350	102154450	1223-Lng-D-T	56	chr1:102154350-102154450
chr1	102193350	102193450	1188-Lng-A-T	36	chr1:102193350-102193450
chr1	102271950	102272050	1065-Lng-A-T	124	chr1:102271950-102272050
chr1	102288050	102288150	1065-Lng-C-T	92	chr1:102288050-102288150
chr1	102494350	102494450	901-Lng-A-T	56	chr1:102494350-102494450
chr1	102515150	102515250	846-Lng-A-T	97	chr1:102515150-102515250
chr1	102609250	102609350	1223-Lng-C-T	43	chr1:102609250-102609350
chr1	102765250	102765350	1065-Lng-C-T	241	chr1:102765250-102765350
chr1	102809450	102809550	1004-Lng-A-T	108	chr1:102809450-102809550
chr1	102827250	102827350	1065-Lng-B-T	62	chr1:102827250-102827350
chr1	102834250	102834350	1004-Lng-A-T	68	chr1:102834250-102834350
chr1	103027550	103027650	1223-Lng-B-T	175	chr1:103027550-103027650
chr1	103112350	103112450	1152-Lng-A-T	233	chr1:103112350-103112450
chr1	103114450	103114550	1065-Lng-B-T	59	chr1:103114450-103114550
chr1	103263350	103263450	1100-Lng-A-T	55	chr1:103263350-103263450
chr1	103465550	103465650	1065-Lng-B-T	67	chr1:103465550-103465650
chr1	103540950	103541050	1223-Lng-C-T	46	chr1:103540950-103541050
chr1	104132650	104132750	1152-Lng-A-T	163	chr1:104132650-104132750
chr1	104189950	104190050	1072-Lng-A-T	50	chr1:104189950-104190050
chr1	104269050	104269150	1274-Lng-A-T	102	chr1:104269050-104269150
chr1	104618250	104618350	1152-Lng-A-T	42	chr1:104618250-104618350
chr1	104706250	104706350	1065-Lng-A-T	51	chr1:104706250-104706350
chr1	104740950	104741050	901-Lng-D-T	425	chr1:104740950-104741050
chr1	104800050	104800150	1065-Lng-A-T	52	chr1:104800050-104800150
chr1	105019050	105019150	1090-Lng-A-T	50	chr1:105019050-105019150
chr1	105560150	105560250	1065-Lng-B-T	62	chr1:105560150-105560250
chr1	105651950	105652050	1065-Lng-B-T	102	chr1:105651950-105652050
chr1	105670450	105670550	1065-Lng-C-T	122	chr1:105670450-105670550
chr1	106038350	106038450	901-Lng-C-T	124	chr1:106038350-106038450
chr1	106381950	106382050	1188-Lng-A-T	56	chr1:106381950-106382050
chr1	106418450	106418550	1090-Lng-B-T	748	chr1:106418450-106418550

Table S2: SB Insertion regions

chr1	106590750	106590850	1004-Lng-A-T	74	chr1:106590750-106590850
chr1	106694950	106695050	1065-Lng-C-T	85	chr1:106694950-106695050
chr1	107227450	107227550	1188-Lng-A-T	115	chr1:107227450-107227550
chr1	107512350	107512450	1188-Lng-A-T	71	chr1:107512350-107512450
chr1	107520650	107520750	1223-Lng-A-T	149	chr1:107520650-107520750
chr1	107611450	107611550	1167-Lng-A-T	68	chr1:107611450-107611550
chr1	107687050	107687150	901-Lng-A-T	310	chr1:107687050-107687150
chr1	107892550	107892650	1090-Lng-B-T	82	chr1:107892550-107892650
chr1	107900550	107900650	1072-Lng-A-T	53	chr1:107900550-107900650
chr1	107929850	107929950	1072-Lng-A-T	64	chr1:107929850-107929950
chr1	108035050	108035150	1065-Lng-B-T	40	chr1:108035050-108035150
chr1	108089250	108089350	1274-Lng-A-T	83	chr1:108089250-108089350
chr1	108160650	108160750	1072-Lng-A-T	145	chr1:108160650-108160750
chr1	108253550	108253650	1167-Lng-A-T	63	chr1:108253550-108253650
chr1	108260650	108260750	901-Lng-B-T	181	chr1:108260650-108260750
chr1	108346550	108346650	901-Lng-A-T	172	chr1:108346550-108346650
chr1	108356950	108357050	1090-Lng-A-T	76	chr1:108356950-108357050
chr1	108576950	108577050	901-Lng-A-T	82	chr1:108576950-108577050
chr1	108609650	108609750	1274-Lng-A-T	51	chr1:108609650-108609750
chr1	108624450	108624550	1072-Lng-A-T	205	chr1:108624450-108624550
chr1	108666750	108666850	846-Lng-A-T	172	chr1:108666750-108666850
chr1	108715150	108715250	1090-Lng-B-T	335	chr1:108715150-108715250
chr1	108760550	108760650	901-Lng-C-T	102	chr1:108760550-108760650
chr1	108804050	108804150	1188-Lng-A-T	37	chr1:108804050-108804150
chr1	108980650	108980750	901-Lng-B-T	91	chr1:108980650-108980750
chr1	109148750	109148850	901-Lng-B-T	62	chr1:109148750-109148850
chr1	109148750	109148850	901-Lng-A-T	52	chr1:109148750-109148850
chr1	109148750	109148850	1223-Lng-B-T	49	chr1:109148750-109148850
chr1	109218250	109218350	1065-Lng-A-T	43	chr1:109218250-109218350
chr1	109282350	109282450	1004-Lng-A-T	191	chr1:109282350-109282450
chr1	109286350	109286450	901-Lng-A-T	60	chr1:109286350-109286450
chr1	109551950	109552050	901-Lng-C-T	104	chr1:109551950-109552050
chr1	109926050	109926150	1065-Lng-A-T	80	chr1:109926050-109926150
chr1	109942450	109942550	1223-Lng-B-T	39	chr1:109942450-109942550
chr1	110002350	110002450	901-Lng-B-T	67	chr1:110002350-110002450
chr1	110032350	110032450	1100-Lng-A-T	69	chr1:110032350-110032450
chr1	110063050	110063150	1223-Lng-C-T	48	chr1:110063050-110063150
chr1	110078250	110078350	901-Lng-B-T	66	chr1:110078250-110078350
chr1	110099650	110099750	901-Lng-B-T	234	chr1:110099650-110099750
chr1	110178350	110178450	1188-Lng-A-T	100	chr1:110178350-110178450
chr1	110237550	110237650	1223-Lng-B-T	36	chr1:110237550-110237650
chr1	110329150	110329250	1090-Lng-B-T	577	chr1:110329150-110329250
chr1	110571450	110571550	1072-Lng-A-T	51	chr1:110571450-110571550
chr1	110625450	110625550	901-Lng-C-T	46	chr1:110625450-110625550
chr1	111319150	111319250	1151-Lng-A-T	248	chr1:111319150-111319250
chr1	111392750	111392850	1072-Lng-A-T	168	chr1:111392750-111392850

Table S2: SB Insertion regions

chr1	111642450	111642550	901-Lng-A-T	360	chr1:111642450-111642550
chr1	111927650	111927750	1065-Lng-A-T	36	chr1:111927650-111927750
chr1	111928050	111928150	901-Lng-A-T	78	chr1:111928050-111928150
chr1	112007450	112007550	901-Lng-B-T	151	chr1:112007450-112007550
chr1	112158450	112158550	1223-Lng-A-T	83	chr1:112158450-112158550
chr1	112288050	112288150	1065-Lng-B-T	177	chr1:112288050-112288150
chr1	112311350	112311450	1004-Lng-A-T	98	chr1:112311350-112311450
chr1	112351750	112351850	1152-Lng-A-T	38	chr1:112351750-112351850
chr1	112508350	112508450	1223-Lng-C-T	57	chr1:112508350-112508450
chr1	112608650	112608750	1152-Lng-A-T	38	chr1:112608650-112608750
chr1	112722150	112722250	1274-Lng-A-T	52	chr1:112722150-112722250
chr1	112809550	112809650	1223-Lng-B-T	38	chr1:112809550-112809650
chr1	112825550	112825650	1090-Lng-B-T	828	chr1:112825550-112825650
chr1	112885950	112886050	1004-Lng-A-T	80	chr1:112885950-112886050
chr1	113066850	113066950	1223-Lng-A-T	113	chr1:113066850-113066950
chr1	113148850	113148950	1167-Lng-A-T	413	chr1:113148850-113148950
chr1	113449850	113449950	1223-Lng-B-T	34	chr1:113449850-113449950
chr1	113575050	113575150	1090-Lng-A-T	72	chr1:113575050-113575150
chr1	113946150	113946250	1065-Lng-B-T	66	chr1:113946150-113946250
chr1	114230150	114230250	1100-Lng-A-T	68	chr1:114230150-114230250
chr1	114310650	114310750	1274-Lng-A-T	59	chr1:114310650-114310750
chr1	114348150	114348250	1274-Lng-A-T	105	chr1:114348150-114348250
chr1	114641250	114641350	1223-Lng-A-T	217	chr1:114641250-114641350
chr1	114654750	114654850	901-Lng-A-T	122	chr1:114654750-114654850
chr1	114711650	114711750	1223-Lng-A-T	409	chr1:114711650-114711750
chr1	114942550	114942650	1223-Lng-B-T	65	chr1:114942550-114942650
chr1	115051850	115051950	901-Lng-C-T	53	chr1:115051850-115051950
chr1	115094550	115094650	1274-Lng-A-T	123	chr1:115094550-115094650
chr1	115451850	115451950	901-Lng-A-T	133	chr1:115451850-115451950
chr1	115472050	115472150	1223-Lng-B-T	34	chr1:115472050-115472150
chr1	115553050	115553150	1004-Lng-A-T	67	chr1:115553050-115553150
chr1	115774650	115774750	1072-Lng-A-T	169	chr1:115774650-115774750
chr1	116024450	116024550	1065-Lng-A-T	56	chr1:116024450-116024550
chr1	116147050	116147150	1065-Lng-B-T	155	chr1:116147050-116147150
chr1	116155950	116156050	1274-Lng-A-T	56	chr1:116155950-116156050
chr1	116160150	116160250	1065-Lng-A-T	74	chr1:116160150-116160250
chr1	116164950	116165050	1090-Lng-A-T	45	chr1:116164950-116165050
chr1	116340850	116340950	1223-Lng-A-T	77	chr1:116340850-116340950
chr1	116443750	116443850	1223-Lng-B-T	45	chr1:116443750-116443850
chr1	116452650	116452750	1065-Lng-C-T	89	chr1:116452650-116452750
chr1	116643750	116643850	1274-Lng-A-T	134	chr1:116643750-116643850
chr1	116894850	116894950	1152-Lng-A-T	42	chr1:116894850-116894950
chr1	116929750	116929850	1004-Lng-A-T	73	chr1:116929750-116929850
chr1	116989750	116989850	1152-Lng-A-T	53	chr1:116989750-116989850
chr1	117087250	117087350	846-Lng-A-T	114	chr1:117087250-117087350
chr1	117301850	117301950	901-Lng-B-T	239	chr1:117301850-117301950

Table S2: SB Insertion regions

chr1	117386550	117386650	1167-Lng-A-T	63	chr1:117386550-117386650
chr1	117594050	117594150	901-Lng-D-T	515	chr1:117594050-117594150
chr1	117709750	117709850	1004-Lng-A-T	60	chr1:117709750-117709850
chr1	117752450	117752550	1065-Lng-A-T	85	chr1:117752450-117752550
chr1	117768550	117768650	846-Lng-A-T	118	chr1:117768550-117768650
chr1	117808650	117808750	901-Lng-C-T	62	chr1:117808650-117808750
chr1	118104650	118104750	1151-Lng-A-T	89	chr1:118104650-118104750
chr1	118249150	118249250	1065-Lng-B-T	43	chr1:118249150-118249250
chr1	118331150	118331250	1223-Lng-B-T	328	chr1:118331150-118331250
chr1	118406750	118406850	1065-Lng-B-T	257	chr1:118406750-118406850
chr1	118488250	118488350	901-Lng-A-T	104	chr1:118488250-118488350
chr1	118519150	118519250	1065-Lng-B-T	78	chr1:118519150-118519250
chr1	118691850	118691950	846-Lng-A-T	67	chr1:118691850-118691950
chr1	118717950	118718050	1004-Lng-A-T	56	chr1:118717950-118718050
chr1	118869950	118870050	846-Lng-A-T	373	chr1:118869950-118870050
chr1	118878350	118878450	846-Lng-A-T	82	chr1:118878350-118878450
chr1	118904250	118904350	1274-Lng-A-T	92	chr1:118904250-118904350
chr1	118905350	118905450	1004-Lng-A-T	84	chr1:118905350-118905450
chr1	118926050	118926150	1065-Lng-A-T	48	chr1:118926050-118926150
chr1	118933850	118933950	1065-Lng-B-T	380	chr1:118933850-118933950
chr1	118941150	118941250	1223-Lng-D-T	43	chr1:118941150-118941250
chr1	118953150	118953250	1152-Lng-A-T	62	chr1:118953150-118953250
chr1	118960650	118960750	901-Lng-A-T	200	chr1:118960650-118960750
chr1	119265150	119265250	1188-Lng-A-T	246	chr1:119265150-119265250
chr1	119277650	119277750	901-Lng-A-T	97	chr1:119277650-119277750
chr1	120202050	120202150	1152-Lng-A-T	66	chr1:120202050-120202150
chr1	120335350	120335450	901-Lng-D-T	280	chr1:120335350-120335450
chr1	120354250	120354350	1274-Lng-A-T	163	chr1:120354250-120354350
chr1	120380950	120381050	901-Lng-D-T	369	chr1:120380950-120381050
chr1	120398250	120398350	1274-Lng-A-T	58	chr1:120398250-120398350
chr1	120431350	120431450	1151-Lng-A-T	96	chr1:120431350-120431450
chr1	120494850	120494950	1274-Lng-A-T	110	chr1:120494850-120494950
chr1	120498150	120498250	901-Lng-B-T	66	chr1:120498150-120498250
chr1	120554150	120554250	1065-Lng-A-T	42	chr1:120554150-120554250
chr1	120575350	120575450	1223-Lng-B-T	98	chr1:120575350-120575450
chr1	120737750	120737850	1152-Lng-A-T	160	chr1:120737750-120737850
chr1	121042550	121042650	901-Lng-C-T	52	chr1:121042550-121042650
chr1	121072050	121072150	1072-Lng-A-T	492	chr1:121072050-121072150
chr1	121205650	121205750	1100-Lng-A-T	96	chr1:121205650-121205750
chr1	121211450	121211550	1274-Lng-A-T	68	chr1:121211450-121211550
chr1	121229950	121230050	1274-Lng-A-T	61	chr1:121229950-121230050
chr1	121269350	121269450	1274-Lng-A-T	123	chr1:121269350-121269450
chr1	121308950	121309050	1100-Lng-A-T	101	chr1:121308950-121309050
chr1	121351050	121351150	1223-Lng-A-T	124	chr1:121351050-121351150
chr1	121351850	121351950	1065-Lng-A-T	62	chr1:121351850-121351950
chr1	121360350	121360450	901-Lng-A-T	338	chr1:121360350-121360450

Table S2: SB Insertion regions

chr1	121500050	121500150	1151-Lng-A-T	4377	chr1:121500050-121500150
chr1	121542550	121542650	901-Lng-B-T	46	chr1:121542550-121542650
chr1	121687450	121687550	1188-Lng-A-T	35	chr1:121687450-121687550
chr1	121777350	121777450	1223-Lng-C-T	60	chr1:121777350-121777450
chr1	122819550	122819650	1223-Lng-B-T	42	chr1:122819550-122819650
chr1	123381950	123382050	1167-Lng-A-T	64	chr1:123381950-123382050
chr1	123546850	123546950	1100-Lng-A-T	73	chr1:123546850-123546950
chr1	123630150	123630250	901-Lng-B-T	64	chr1:123630150-123630250
chr1	123666950	123667050	1090-Lng-A-T	56	chr1:123666950-123667050
chr1	123818850	123818950	1223-Lng-C-T	43	chr1:123818850-123818950
chr1	123952550	123952650	1072-Lng-A-T	62	chr1:123952550-123952650
chr1	123958650	123958750	1004-Lng-A-T	62	chr1:123958650-123958750
chr1	124011750	124011850	1223-Lng-D-T	42	chr1:124011750-124011850
chr1	124127850	124127950	901-Lng-A-T	94	chr1:124127850-124127950
chr1	124150350	124150450	901-Lng-C-T	100	chr1:124150350-124150450
chr1	124207450	124207550	1065-Lng-B-T	55	chr1:124207450-124207550
chr1	124589450	124589550	1152-Lng-A-T	50	chr1:124589450-124589550
chr1	124599950	124600050	1223-Lng-B-T	48	chr1:124599950-124600050
chr1	124885250	124885350	846-Lng-A-T	96	chr1:124885250-124885350
chr1	125321150	125321250	901-Lng-A-T	78	chr1:125321150-125321250
chr1	125374850	125374950	1152-Lng-A-T	57	chr1:125374850-125374950
chr1	125377050	125377150	901-Lng-D-T	53	chr1:125377050-125377150
chr1	125696750	125696850	1152-Lng-A-T	61	chr1:125696750-125696850
chr1	125733850	125733950	1100-Lng-B-T	57	chr1:125733850-125733950
chr1	125810250	125810350	1072-Lng-A-T	85	chr1:125810250-125810350
chr1	125848550	125848650	1072-Lng-A-T	48	chr1:125848550-125848650
chr1	125940050	125940150	1065-Lng-A-T	40	chr1:125940050-125940150
chr1	126025150	126025250	1188-Lng-A-T	35	chr1:126025150-126025250
chr1	126143750	126143850	846-Lng-A-T	146	chr1:126143750-126143850
chr1	126181750	126181850	1065-Lng-B-T	128	chr1:126181750-126181850
chr1	126295350	126295450	1004-Lng-A-T	63	chr1:126295350-126295450
chr1	126506750	126506850	1065-Lng-B-T	67	chr1:126506750-126506850
chr1	126646650	126646750	901-Lng-C-T	143	chr1:126646650-126646750
chr1	126767250	126767350	1004-Lng-A-T	930	chr1:126767250-126767350
chr1	126915450	126915550	1100-Lng-B-T	53	chr1:126915450-126915550
chr1	126917450	126917550	1274-Lng-A-T	65	chr1:126917450-126917550
chr1	126962550	126962650	846-Lng-A-T	69	chr1:126962550-126962650
chr1	127232250	127232350	901-Lng-A-T	282	chr1:127232250-127232350
chr1	127301550	127301650	1090-Lng-A-T	1521	chr1:127301550-127301650
chr1	127467350	127467450	1065-Lng-B-T	87	chr1:127467350-127467450
chr1	127636250	127636350	901-Lng-C-T	32	chr1:127636250-127636350
chr1	127816250	127816350	1065-Lng-B-T	68	chr1:127816250-127816350
chr1	127838350	127838450	1188-Lng-A-T	53	chr1:127838350-127838450
chr1	127844150	127844250	1152-Lng-A-T	103	chr1:127844150-127844250
chr1	127844950	127845050	1188-Lng-A-T	40	chr1:127844950-127845050
chr1	127848950	127849050	1100-Lng-A-T	77	chr1:127848950-127849050

Table S2: SB Insertion regions

chr1	127906250	127906350	901-Lng-C-T	216	chr1:127906250-127906350
chr1	127924850	127924950	901-Lng-C-T	75	chr1:127924850-127924950
chr1	127951450	127951550	1065-Lng-B-T	73	chr1:127951450-127951550
chr1	127989150	127989250	901-Lng-A-T	341	chr1:127989150-127989250
chr1	127991950	127992050	901-Lng-D-T	291	chr1:127991950-127992050
chr1	128053250	128053350	1274-Lng-A-T	94	chr1:128053250-128053350
chr1	128057150	128057250	1004-Lng-A-T	75	chr1:128057150-128057250
chr1	128084750	128084850	901-Lng-C-T	87	chr1:128084750-128084850
chr1	128110250	128110350	1065-Lng-B-T	46	chr1:128110250-128110350
chr1	128172550	128172650	1100-Lng-A-T	94	chr1:128172550-128172650
chr1	128178050	128178150	1090-Lng-A-T	71	chr1:128178050-128178150
chr1	128203750	128203850	1167-Lng-A-T	97	chr1:128203750-128203850
chr1	128225150	128225250	901-Lng-B-T	72	chr1:128225150-128225250
chr1	128276550	128276650	1152-Lng-A-T	40	chr1:128276550-128276650
chr1	128291450	128291550	901-Lng-C-T	120	chr1:128291450-128291550
chr1	128334350	128334450	1274-Lng-A-T	142	chr1:128334350-128334450
chr1	128339150	128339250	1090-Lng-A-T	103	chr1:128339150-128339250
chr1	128357950	128358050	1223-Lng-D-T	43	chr1:128357950-128358050
chr1	128384350	128384450	901-Lng-B-T	145	chr1:128384350-128384450
chr1	128412850	128412950	1188-Lng-A-T	37	chr1:128412850-128412950
chr1	128416050	128416150	1090-Lng-B-T	725	chr1:128416050-128416150
chr1	128420250	128420350	1274-Lng-A-T	70	chr1:128420250-128420350
chr1	128442050	128442150	1065-Lng-A-T	460	chr1:128442050-128442150
chr1	128450350	128450450	1100-Lng-A-T	112	chr1:128450350-128450450
chr1	128478950	128479050	1100-Lng-A-T	71	chr1:128478950-128479050
chr1	128480650	128480750	901-Lng-C-T	57	chr1:128480650-128480750
chr1	128492350	128492450	846-Lng-A-T	93	chr1:128492350-128492450
chr1	128504650	128504750	1188-Lng-A-T	375	chr1:128504650-128504750
chr1	128520050	128520150	1223-Lng-A-T	269	chr1:128520050-128520150
chr1	128588050	128588150	1065-Lng-A-T	38	chr1:128588050-128588150
chr1	128600350	128600450	1223-Lng-B-T	169	chr1:128600350-128600450
chr1	128626250	128626350	1223-Lng-C-T	331	chr1:128626250-128626350
chr1	128641850	128641950	1065-Lng-B-T	393	chr1:128641850-128641950
chr1	128713850	128713950	1072-Lng-A-T	220	chr1:128713850-128713950
chr1	128815850	128815950	1223-Lng-B-T	45	chr1:128815850-128815950
chr1	129100850	129100950	1223-Lng-A-T	245	chr1:129100850-129100950
chr1	129327550	129327650	1188-Lng-A-T	47	chr1:129327550-129327650
chr1	129386250	129386350	1223-Lng-A-T	206	chr1:129386250-129386350
chr1	129430450	129430550	1100-Lng-A-T	51	chr1:129430450-129430550
chr1	129463150	129463250	1167-Lng-A-T	108	chr1:129463150-129463250
chr1	129680650	129680750	1090-Lng-A-T	45	chr1:129680650-129680750
chr1	129685650	129685750	1274-Lng-A-T	106	chr1:129685650-129685750
chr1	129701150	129701250	1152-Lng-A-T	61	chr1:129701150-129701250
chr1	129799550	129799650	1004-Lng-A-T	72	chr1:129799550-129799650
chr1	129829750	129829850	1223-Lng-B-T	34	chr1:129829750-129829850
chr1	129878150	129878250	1072-Lng-A-T	212	chr1:129878150-129878250

Table S2: SB Insertion regions

chr1	130001150	130001250	1100-Lng-A-T	61	chr1:130001150-130001250
chr1	130023850	130023950	1223-Lng-A-T	179	chr1:130023850-130023950
chr1	130274750	130274850	1100-Lng-B-T	50	chr1:130274750-130274850
chr1	130288450	130288550	1223-Lng-C-T	71	chr1:130288450-130288550
chr1	130363550	130363650	901-Lng-C-T	65	chr1:130363550-130363650
chr1	130519250	130519350	1090-Lng-A-T	192	chr1:130519250-130519350
chr1	130581750	130581850	901-Lng-C-T	28	chr1:130581750-130581850
chr1	130681950	130682050	1274-Lng-A-T	78	chr1:130681950-130682050
chr1	131035750	131035850	1065-Lng-A-T	49	chr1:131035750-131035850
chr1	131151750	131151850	1065-Lng-A-T	40	chr1:131151750-131151850
chr1	131498950	131499050	1072-Lng-A-T	60	chr1:131498950-131499050
chr1	131702850	131702950	1151-Lng-A-T	62	chr1:131702850-131702950
chr1	131704650	131704750	1274-Lng-A-T	53	chr1:131704650-131704750
chr1	131882850	131882950	1065-Lng-A-T	130	chr1:131882850-131882950
chr1	131887450	131887550	901-Lng-A-T	85	chr1:131887450-131887550
chr1	131890950	131891050	1152-Lng-A-T	49	chr1:131890950-131891050
chr1	131996950	131997050	1065-Lng-B-T	207	chr1:131996950-131997050
chr1	132189250	132189350	1274-Lng-A-T	57	chr1:132189250-132189350
chr1	132315550	132315650	1223-Lng-A-T	56	chr1:132315550-132315650
chr1	132557750	132557850	1152-Lng-A-T	137	chr1:132557750-132557850
chr1	132609250	132609350	1223-Lng-B-T	172	chr1:132609250-132609350
chr1	132680750	132680850	1223-Lng-B-T	35	chr1:132680750-132680850
chr1	132955650	132955750	901-Lng-A-T	85	chr1:132955650-132955750
chr1	133012650	133012750	1100-Lng-A-T	64	chr1:133012650-133012750
chr1	133068150	133068250	901-Lng-D-T	222	chr1:133068150-133068250
chr1	133069550	133069650	901-Lng-C-T	44	chr1:133069550-133069650
chr1	133294950	133295050	1065-Lng-B-T	77	chr1:133294950-133295050
chr1	133345050	133345150	1188-Lng-A-T	192	chr1:133345050-133345150
chr1	133355650	133355750	1274-Lng-A-T	88	chr1:133355650-133355750
chr1	133369150	133369250	1151-Lng-A-T	7275	chr1:133369150-133369250
chr1	133382950	133383050	901-Lng-A-T	60	chr1:133382950-133383050
chr1	133589750	133589850	901-Lng-A-T	74	chr1:133589750-133589850
chr1	133611950	133612050	1065-Lng-C-T	1336	chr1:133611950-133612050
chr1	133623450	133623550	1100-Lng-A-T	175	chr1:133623450-133623550
chr1	133675950	133676050	1274-Lng-A-T	166	chr1:133675950-133676050
chr1	133812450	133812550	1223-Lng-C-T	48	chr1:133812450-133812550
chr1	134010750	134010850	1152-Lng-A-T	121	chr1:134010750-134010850
chr1	134148050	134148150	1274-Lng-A-T	54	chr1:134148050-134148150
chr1	134168750	134168850	1223-Lng-D-T	51	chr1:134168750-134168850
chr1	134291950	134292050	1065-Lng-A-T	36	chr1:134291950-134292050
chr1	134343050	134343150	1072-Lng-A-T	142	chr1:134343050-134343150
chr1	134383450	134383550	1188-Lng-A-T	35	chr1:134383450-134383550
chr1	134416150	134416250	1072-Lng-A-T	118	chr1:134416150-134416250
chr1	134726550	134726650	1152-Lng-A-T	294	chr1:134726550-134726650
chr1	134884150	134884250	1274-Lng-A-T	173	chr1:134884150-134884250
chr1	135070950	135071050	901-Lng-D-T	1020	chr1:135070950-135071050

Table S2: SB Insertion regions

chr1	135311150	135311250	1167-Lng-A-T	109	chr1:135311150-135311250
chr1	135327850	135327950	1004-Lng-A-T	72	chr1:135327850-135327950
chr1	135570350	135570450	1090-Lng-A-T	83	chr1:135570350-135570450
chr1	135858050	135858150	1223-Lng-C-T	45	chr1:135858050-135858150
chr1	136078050	136078150	1090-Lng-A-T	60	chr1:136078050-136078150
chr1	136352850	136352950	1100-Lng-A-T	52	chr1:136352850-136352950
chr1	136459950	136460050	1100-Lng-A-T	134	chr1:136459950-136460050
chr1	136500250	136500350	1223-Lng-D-T	51	chr1:136500250-136500350
chr1	136506050	136506150	1188-Lng-A-T	60	chr1:136506050-136506150
chr1	136530050	136530150	1065-Lng-A-T	428	chr1:136530050-136530150
chr1	136532150	136532250	1065-Lng-B-T	46	chr1:136532150-136532250
chr1	136710150	136710250	1223-Lng-A-T	81	chr1:136710150-136710250
chr1	136723350	136723450	1151-Lng-A-T	242	chr1:136723350-136723450
chr1	136723850	136723950	1188-Lng-A-T	115	chr1:136723850-136723950
chr1	136852650	136852750	1188-Lng-A-T	66	chr1:136852650-136852750
chr1	137099350	137099450	1188-Lng-A-T	325	chr1:137099350-137099450
chr1	137153950	137154050	1188-Lng-A-T	213	chr1:137153950-137154050
chr1	137154550	137154650	1100-Lng-A-T	74	chr1:137154550-137154650
chr1	137282150	137282250	901-Lng-A-T	99	chr1:137282150-137282250
chr1	137359550	137359650	901-Lng-C-T	58	chr1:137359550-137359650
chr1	137383350	137383450	1072-Lng-A-T	71	chr1:137383350-137383450
chr1	137455750	137455850	1072-Lng-A-T	72	chr1:137455750-137455850
chr1	137819750	137819850	1090-Lng-A-T	57	chr1:137819750-137819850
chr1	138060850	138060950	901-Lng-C-T	58	chr1:138060850-138060950
chr1	138107350	138107450	1274-Lng-A-T	166	chr1:138107350-138107450
chr1	138108750	138108850	901-Lng-C-T	32	chr1:138108750-138108850
chr1	138224250	138224350	901-Lng-A-T	186	chr1:138224250-138224350
chr1	138504050	138504150	1090-Lng-A-T	84	chr1:138504050-138504150
chr1	138523250	138523350	1223-Lng-A-T	55	chr1:138523250-138523350
chr1	138523950	138524050	901-Lng-A-T	141	chr1:138523950-138524050
chr1	139128750	139128850	1188-Lng-A-T	43	chr1:139128750-139128850
chr1	139249250	139249350	901-Lng-D-T	417	chr1:139249250-139249350
chr1	139601150	139601250	1065-Lng-B-T	51	chr1:139601150-139601250
chr1	139795750	139795850	901-Lng-A-T	104	chr1:139795750-139795850
chr1	140170350	140170450	901-Lng-C-T	31	chr1:140170350-140170450
chr1	140191850	140191950	1151-Lng-A-T	183	chr1:140191850-140191950
chr1	140378950	140379050	901-Lng-C-T	43	chr1:140378950-140379050
chr1	140400950	140401050	1223-Lng-D-T	40	chr1:140400950-140401050
chr1	140435350	140435450	1223-Lng-B-T	37	chr1:140435350-140435450
chr1	140475250	140475350	1274-Lng-A-T	142	chr1:140475250-140475350
chr1	140487950	140488050	1072-Lng-A-T	95	chr1:140487950-140488050
chr1	140796250	140796350	1223-Lng-A-T	53	chr1:140796250-140796350
chr1	140818250	140818350	901-Lng-C-T	95	chr1:140818250-140818350
chr1	140832250	140832350	1090-Lng-B-T	1173	chr1:140832250-140832350
chr1	140886950	140887050	1274-Lng-A-T	249	chr1:140886950-140887050
chr1	140888950	140889050	901-Lng-C-T	163	chr1:140888950-140889050

Table S2: SB Insertion regions

chr1	140897050	140897150	1072-Lng-A-T	55	chr1:140897050-140897150
chr1	140947050	140947150	1274-Lng-A-T	57	chr1:140947050-140947150
chr1	140947150	140947250	1072-Lng-A-T	61	chr1:140947150-140947250
chr1	140955750	140955850	1152-Lng-A-T	69	chr1:140955750-140955850
chr1	141004750	141004850	1274-Lng-A-T	90	chr1:141004750-141004850
chr1	141334950	141335050	1072-Lng-A-T	197	chr1:141334950-141335050
chr1	141374150	141374250	1223-Lng-D-T	58	chr1:141374150-141374250
chr1	141977250	141977350	901-Lng-A-T	73	chr1:141977250-141977350
chr1	142233650	142233750	1004-Lng-A-T	80	chr1:142233650-142233750
chr1	142297950	142298050	1152-Lng-A-T	54	chr1:142297950-142298050
chr1	142316950	142317050	1223-Lng-B-T	37	chr1:142316950-142317050
chr1	142354050	142354150	1004-Lng-A-T	93	chr1:142354050-142354150
chr1	142381350	142381450	1274-Lng-A-T	88	chr1:142381350-142381450
chr1	142385750	142385850	1274-Lng-A-T	69	chr1:142385750-142385850
chr1	142481150	142481250	901-Lng-A-T	58	chr1:142481150-142481250
chr1	142711950	142712050	901-Lng-A-T	82	chr1:142711950-142712050
chr1	142786250	142786350	1188-Lng-A-T	43	chr1:142786250-142786350
chr1	142948650	142948750	901-Lng-C-T	81	chr1:142948650-142948750
chr1	142997150	142997250	1065-Lng-C-T	63	chr1:142997150-142997250
chr1	143335250	143335350	1152-Lng-A-T	41	chr1:143335250-143335350
chr1	143367450	143367550	1004-Lng-A-T	126	chr1:143367450-143367550
chr1	143367450	143367550	1004-Lng-A-T	71	chr1:143367450-143367550
chr1	143633250	143633350	1152-Lng-A-T	41	chr1:143633250-143633350
chr1	143676450	143676550	1065-Lng-B-T	71	chr1:143676450-143676550
chr1	143682950	143683050	1065-Lng-C-T	97	chr1:143682950-143683050
chr1	143683250	143683350	1065-Lng-C-T	69	chr1:143683250-143683350
chr1	143710650	143710750	1274-Lng-A-T	62	chr1:143710650-143710750
chr1	143844850	143844950	901-Lng-C-T	134	chr1:143844850-143844950
chr1	143851850	143851950	1072-Lng-A-T	190	chr1:143851850-143851950
chr1	143956650	143956750	1090-Lng-B-T	103	chr1:143956650-143956750
chr1	144029050	144029150	1090-Lng-A-T	46	chr1:144029050-144029150
chr1	144107850	144107950	901-Lng-A-T	518	chr1:144107850-144107950
chr1	144464250	144464350	1152-Lng-A-T	44	chr1:144464250-144464350
chr1	144490950	144491050	1152-Lng-A-T	216	chr1:144490950-144491050
chr1	144604350	144604450	1223-Lng-A-T	182	chr1:144604350-144604450
chr1	144614350	144614450	1152-Lng-A-T	75	chr1:144614350-144614450
chr1	144627250	144627350	1090-Lng-A-T	51	chr1:144627250-144627350
chr1	144657850	144657950	1065-Lng-B-T	713	chr1:144657850-144657950
chr1	144731350	144731450	1004-Lng-A-T	65	chr1:144731350-144731450
chr1	144823150	144823250	1004-Lng-A-T	62	chr1:144823150-144823250
chr1	145250350	145250450	901-Lng-C-T	75	chr1:145250350-145250450
chr1	145494750	145494850	1151-Lng-A-T	729	chr1:145494750-145494850
chr1	145510650	145510750	1100-Lng-A-T	55	chr1:145510650-145510750
chr1	145514250	145514350	1274-Lng-A-T	162	chr1:145514250-145514350
chr1	145524750	145524850	1223-Lng-D-T	42	chr1:145524750-145524850
chr1	145604950	145605050	1188-Lng-A-T	206	chr1:145604950-145605050

Table S2: SB Insertion regions

chr1	145616650	145616750	1188-Lng-A-T	201	chr1:145616650-145616750
chr1	145886850	145886950	1004-Lng-A-T	91	chr1:145886850-145886950
chr1	146014150	146014250	1151-Lng-A-T	60	chr1:146014150-146014250
chr1	146021650	146021750	1072-Lng-A-T	54	chr1:146021650-146021750
chr1	146023750	146023850	1223-Lng-A-T	234	chr1:146023750-146023850
chr1	146120550	146120650	1152-Lng-A-T	100	chr1:146120550-146120650
chr1	146342650	146342750	1223-Lng-A-T	141	chr1:146342650-146342750
chr1	146374950	146375050	1152-Lng-A-T	71	chr1:146374950-146375050
chr1	146506750	146506850	901-Lng-C-T	34	chr1:146506750-146506850
chr1	146796650	146796750	1065-Lng-A-T	52	chr1:146796650-146796750
chr1	146837950	146838050	1065-Lng-A-T	63	chr1:146837950-146838050
chr1	146871750	146871850	1223-Lng-B-T	38	chr1:146871750-146871850
chr1	147035250	147035350	1065-Lng-B-T	54	chr1:147035250-147035350
chr1	147128750	147128850	1090-Lng-A-T	69	chr1:147128750-147128850
chr1	147173950	147174050	1072-Lng-A-T	61	chr1:147173950-147174050
chr1	147227550	147227650	1223-Lng-B-T	34	chr1:147227550-147227650
chr1	147283550	147283650	901-Lng-A-T	112	chr1:147283550-147283650
chr1	147289750	147289850	901-Lng-C-T	31	chr1:147289750-147289850
chr1	147747850	147747950	1065-Lng-A-T	88	chr1:147747850-147747950
chr1	147753050	147753150	1152-Lng-A-T	138	chr1:147753050-147753150
chr1	147956750	147956850	1223-Lng-C-T	55	chr1:147956750-147956850
chr1	148062550	148062650	1065-Lng-B-T	317	chr1:148062550-148062650
chr1	148105550	148105650	901-Lng-C-T	214	chr1:148105550-148105650
chr1	148159950	148160050	1274-Lng-A-T	122	chr1:148159950-148160050
chr1	148228350	148228450	1065-Lng-C-T	66	chr1:148228350-148228450
chr1	148261750	148261850	1065-Lng-C-T	127	chr1:148261750-148261850
chr1	148339350	148339450	901-Lng-B-T	38	chr1:148339350-148339450
chr1	148586850	148586950	1223-Lng-C-T	52	chr1:148586850-148586950
chr1	148594150	148594250	1072-Lng-A-T	50	chr1:148594150-148594250
chr1	148895650	148895750	1004-Lng-A-T	51	chr1:148895650-148895750
chr1	148906750	148906850	1188-Lng-A-T	81	chr1:148906750-148906850
chr1	148936350	148936450	1152-Lng-A-T	105	chr1:148936350-148936450
chr1	149176250	149176350	1223-Lng-B-T	39	chr1:149176250-149176350
chr1	149272850	149272950	1274-Lng-A-T	99	chr1:149272850-149272950
chr1	149803150	149803250	1004-Lng-A-T	106	chr1:149803150-149803250
chr1	150234150	150234250	1004-Lng-A-T	94	chr1:150234150-150234250
chr1	150277550	150277650	1223-Lng-C-T	55	chr1:150277550-150277650
chr1	150322050	150322150	901-Lng-A-T	84	chr1:150322050-150322150
chr1	150370450	150370550	1100-Lng-A-T	52	chr1:150370450-150370550
chr1	150538150	150538250	1100-Lng-A-T	101	chr1:150538150-150538250
chr1	150553850	150553950	1072-Lng-A-T	63	chr1:150553850-150553950
chr1	150862050	150862150	1004-Lng-A-T	569	chr1:150862050-150862150
chr1	151062650	151062750	1065-Lng-B-T	63	chr1:151062650-151062750
chr1	151158750	151158850	1072-Lng-A-T	181	chr1:151158750-151158850
chr1	151168950	151169050	1167-Lng-A-T	87	chr1:151168950-151169050
chr1	151196150	151196250	1274-Lng-A-T	196	chr1:151196150-151196250

Table S2: SB Insertion regions

chr1	151323550	151323650	901-Lng-C-T	76	chr1:151323550-151323650
chr1	151507350	151507450	1167-Lng-A-T	54	chr1:151507350-151507450
chr1	151664050	151664150	1274-Lng-A-T	51	chr1:151664050-151664150
chr1	151693550	151693650	1223-Lng-B-T	44	chr1:151693550-151693650
chr1	151760750	151760850	1151-Lng-A-T	390	chr1:151760750-151760850
chr1	151933350	151933450	1065-Lng-B-T	41	chr1:151933350-151933450
chr1	152292750	152292850	1072-Lng-A-T	252	chr1:152292750-152292850
chr1	152306750	152306850	1274-Lng-A-T	125	chr1:152306750-152306850
chr1	152508450	152508550	1223-Lng-A-T	69	chr1:152508450-152508550
chr1	152522050	152522150	1100-Lng-A-T	52	chr1:152522050-152522150
chr1	152569350	152569450	1072-Lng-A-T	152	chr1:152569350-152569450
chr1	152723850	152723950	1065-Lng-A-T	89	chr1:152723850-152723950
chr1	153035650	153035750	1065-Lng-A-T	95	chr1:153035650-153035750
chr1	153193050	153193150	1223-Lng-C-T	45	chr1:153193050-153193150
chr1	153218650	153218750	1065-Lng-A-T	412	chr1:153218650-153218750
chr1	153245950	153246050	1151-Lng-A-T	318	chr1:153245950-153246050
chr1	153257250	153257350	901-Lng-C-T	84	chr1:153257250-153257350
chr1	153269450	153269550	1167-Lng-A-T	55	chr1:153269450-153269550
chr1	153295850	153295950	1152-Lng-A-T	129	chr1:153295850-153295950
chr1	153314950	153315050	1152-Lng-A-T	93	chr1:153314950-153315050
chr1	153457150	153457250	1223-Lng-D-T	61	chr1:153457150-153457250
chr1	153475850	153475950	1188-Lng-A-T	40	chr1:153475850-153475950
chr1	153601750	153601850	1223-Lng-B-T	46	chr1:153601750-153601850
chr1	153737350	153737450	1065-Lng-C-T	62	chr1:153737350-153737450
chr1	154236250	154236350	1090-Lng-B-T	253	chr1:154236250-154236350
chr1	154691050	154691150	1188-Lng-A-T	46	chr1:154691050-154691150
chr1	154692050	154692150	1072-Lng-A-T	164	chr1:154692050-154692150
chr1	154722050	154722150	1004-Lng-A-T	61	chr1:154722050-154722150
chr1	154767850	154767950	1065-Lng-C-T	935	chr1:154767850-154767950
chr1	154840250	154840350	1152-Lng-A-T	251	chr1:154840250-154840350
chr1	154972050	154972150	1223-Lng-B-T	46	chr1:154972050-154972150
chr1	155120050	155120150	1065-Lng-B-T	59	chr1:155120050-155120150
chr1	155128750	155128850	1065-Lng-B-T	56	chr1:155128750-155128850
chr1	155156350	155156450	1152-Lng-A-T	48	chr1:155156350-155156450
chr1	155312550	155312650	1167-Lng-A-T	121	chr1:155312550-155312650
chr1	155319450	155319550	1152-Lng-A-T	60	chr1:155319450-155319550
chr1	155323150	155323250	1274-Lng-A-T	96	chr1:155323150-155323250
chr1	155543250	155543350	1274-Lng-A-T	53	chr1:155543250-155543350
chr1	155559150	155559250	1065-Lng-A-T	83	chr1:155559150-155559250
chr1	155685050	155685150	1223-Lng-B-T	40	chr1:155685050-155685150
chr1	155694650	155694750	1065-Lng-C-T	85	chr1:155694650-155694750
chr1	155783850	155783950	1065-Lng-B-T	40	chr1:155783850-155783950
chr1	155991150	155991250	1090-Lng-B-T	859	chr1:155991150-155991250
chr1	156261050	156261150	1004-Lng-A-T	62	chr1:156261050-156261150
chr1	156516550	156516650	1167-Lng-A-T	83	chr1:156516550-156516650
chr1	156599850	156599950	1223-Lng-D-T	43	chr1:156599850-156599950

Table S2: SB Insertion regions

chr1	156887550	156887650	1072-Lng-A-T	48	chr1:156887550-156887650
chr1	156933750	156933850	1151-Lng-A-T	141	chr1:156933750-156933850
chr1	157015550	157015650	1065-Lng-B-T	55	chr1:157015550-157015650
chr1	157021550	157021650	1151-Lng-A-T	57	chr1:157021550-157021650
chr1	157155750	157155850	1072-Lng-A-T	103	chr1:157155750-157155850
chr1	157159350	157159450	1100-Lng-A-T	55	chr1:157159350-157159450
chr1	157178150	157178250	1223-Lng-D-T	50	chr1:157178150-157178250
chr1	157403150	157403250	1090-Lng-A-T	76	chr1:157403150-157403250
chr1	157406650	157406750	1100-Lng-A-T	94	chr1:157406650-157406750
chr1	157682850	157682950	1100-Lng-A-T	80	chr1:157682850-157682950
chr1	157700850	157700950	1004-Lng-A-T	49	chr1:157700850-157700950
chr1	157726750	157726850	1167-Lng-A-T	310	chr1:157726750-157726850
chr1	157735350	157735450	901-Lng-A-T	67	chr1:157735350-157735450
chr1	157735650	157735750	1065-Lng-B-T	61	chr1:157735650-157735750
chr1	157894150	157894250	1274-Lng-A-T	49	chr1:157894150-157894250
chr1	158189650	158189750	846-Lng-A-T	74	chr1:158189650-158189750
chr1	158356150	158356250	1223-Lng-B-T	76	chr1:158356150-158356250
chr1	158375250	158375350	1065-Lng-B-T	68	chr1:158375250-158375350
chr1	158377450	158377550	1274-Lng-A-T	120	chr1:158377450-158377550
chr1	158502750	158502850	1274-Lng-A-T	59	chr1:158502750-158502850
chr1	158503850	158503950	1223-Lng-C-T	55	chr1:158503850-158503950
chr1	158530050	158530150	1223-Lng-A-T	66	chr1:158530050-158530150
chr1	158530050	158530150	1188-Lng-A-T	49	chr1:158530050-158530150
chr1	158534450	158534550	1065-Lng-B-T	44	chr1:158534450-158534550
chr1	158538250	158538350	1167-Lng-A-T	8591	chr1:158538250-158538350
chr1	158551150	158551250	901-Lng-D-T	71	chr1:158551150-158551250
chr1	158615150	158615250	1223-Lng-C-T	65	chr1:158615150-158615250
chr1	158645550	158645650	1274-Lng-A-T	179	chr1:158645550-158645650
chr1	159113350	159113450	1065-Lng-B-T	50	chr1:159113350-159113450
chr1	159204450	159204550	1167-Lng-A-T	57	chr1:159204450-159204550
chr1	159310650	159310750	1152-Lng-A-T	74	chr1:159310650-159310750
chr1	159708650	159708750	1065-Lng-B-T	64	chr1:159708650-159708750
chr1	159730850	159730950	1065-Lng-C-T	61	chr1:159730850-159730950
chr1	159805950	159806050	1065-Lng-A-T	80	chr1:159805950-159806050
chr1	159816350	159816450	1151-Lng-A-T	85	chr1:159816350-159816450
chr1	159816850	159816950	1065-Lng-B-T	391	chr1:159816850-159816950
chr1	160090250	160090350	846-Lng-A-T	138	chr1:160090250-160090350
chr1	160789850	160789950	901-Lng-A-T	89	chr1:160789850-160789950
chr1	161263850	161263950	1065-Lng-B-T	73	chr1:161263850-161263950
chr1	161271350	161271450	1065-Lng-A-T	73	chr1:161271350-161271450
chr1	161279750	161279850	901-Lng-C-T	34	chr1:161279750-161279850
chr1	161392150	161392250	1223-Lng-B-T	70	chr1:161392150-161392250
chr1	161411850	161411950	901-Lng-A-T	496	chr1:161411850-161411950
chr1	161531150	161531250	1274-Lng-A-T	54	chr1:161531150-161531250
chr1	161693550	161693650	1090-Lng-A-T	94	chr1:161693550-161693650
chr1	161774150	161774250	1004-Lng-A-T	71	chr1:161774150-161774250

Table S2: SB Insertion regions

chr1	161948450	161948550	1065-Lng-A-T	38	chr1:161948450-161948550
chr1	161958650	161958750	901-Lng-B-T	73	chr1:161958650-161958750
chr1	161983950	161984050	1223-Lng-D-T	145	chr1:161983950-161984050
chr1	162156450	162156550	1100-Lng-B-T	66	chr1:162156450-162156550
chr1	162189550	162189650	1274-Lng-A-T	52	chr1:162189550-162189650
chr1	162635950	162636050	901-Lng-A-T	111	chr1:162635950-162636050
chr1	162680350	162680450	1065-Lng-A-T	42	chr1:162680350-162680450
chr1	162821450	162821550	1065-Lng-B-T	56	chr1:162821450-162821550
chr1	162849750	162849850	1151-Lng-A-T	252	chr1:162849750-162849850
chr1	162853450	162853550	1100-Lng-A-T	56	chr1:162853450-162853550
chr1	162871450	162871550	1065-Lng-A-T	102	chr1:162871450-162871550
chr1	162967950	162968050	901-Lng-A-T	89	chr1:162967950-162968050
chr1	163165950	163166050	1188-Lng-A-T	75	chr1:163165950-163166050
chr1	163166650	163166750	1090-Lng-A-T	66	chr1:163166650-163166750
chr1	163318050	163318150	901-Lng-B-T	124	chr1:163318050-163318150
chr1	163427850	163427950	1065-Lng-B-T	59	chr1:163427850-163427950
chr1	163493250	163493350	1223-Lng-B-T	44	chr1:163493250-163493350
chr1	163758750	163758850	1100-Lng-A-T	156	chr1:163758750-163758850
chr1	163771350	163771450	1072-Lng-A-T	237	chr1:163771350-163771450
chr1	163788750	163788850	1151-Lng-A-T	59	chr1:163788750-163788850
chr1	163792450	163792550	1223-Lng-D-T	104	chr1:163792450-163792550
chr1	163792650	163792750	1151-Lng-A-T	187	chr1:163792650-163792750
chr1	164122850	164122950	1151-Lng-A-T	65	chr1:164122850-164122950
chr1	164259750	164259850	1065-Lng-A-T	88	chr1:164259750-164259850
chr1	164260050	164260150	1072-Lng-A-T	179	chr1:164260050-164260150
chr1	164306250	164306350	1100-Lng-B-T	89	chr1:164306250-164306350
chr1	164623250	164623350	1274-Lng-A-T	67	chr1:164623250-164623350
chr1	164633250	164633350	1065-Lng-B-T	57	chr1:164633250-164633350
chr1	164637650	164637750	1065-Lng-A-T	52	chr1:164637650-164637750
chr1	164665350	164665450	1065-Lng-B-T	539	chr1:164665350-164665450
chr1	164708350	164708450	1223-Lng-D-T	77	chr1:164708350-164708450
chr1	164851550	164851650	846-Lng-A-T	54	chr1:164851550-164851650
chr1	164888150	164888250	1065-Lng-A-T	260	chr1:164888150-164888250
chr1	164915750	164915850	1004-Lng-A-T	64	chr1:164915750-164915850
chr1	165057650	165057750	1223-Lng-B-T	59	chr1:165057650-165057750
chr1	165711750	165711850	1223-Lng-A-T	179	chr1:165711750-165711850
chr1	165804150	165804250	1065-Lng-C-T	88	chr1:165804150-165804250
chr1	165815650	165815750	1223-Lng-B-T	44	chr1:165815650-165815750
chr1	165817850	165817950	1090-Lng-A-T	44	chr1:165817850-165817950
chr1	165884950	165885050	901-Lng-C-T	1490	chr1:165884950-165885050
chr1	165884950	165885050	1223-Lng-C-T	48	chr1:165884950-165885050
chr1	165887150	165887250	1065-Lng-A-T	134	chr1:165887150-165887250
chr1	166101350	166101450	1274-Lng-A-T	89	chr1:166101350-166101450
chr1	166304950	166305050	901-Lng-C-T	95	chr1:166304950-166305050
chr1	166322850	166322950	901-Lng-A-T	67	chr1:166322850-166322950
chr1	166404450	166404550	1065-Lng-B-T	40	chr1:166404450-166404550

Table S2: SB Insertion regions

chr1	166411950	166412050	1223-Lng-D-T	76	chr1:166411950-166412050
chr1	166450850	166450950	901-Lng-C-T	37	chr1:166450850-166450950
chr1	166523150	166523250	1100-Lng-A-T	144	chr1:166523150-166523250
chr1	166732250	166732350	1004-Lng-A-T	62	chr1:166732250-166732350
chr1	167145950	167146050	1072-Lng-A-T	104	chr1:167145950-167146050
chr1	167292350	167292450	901-Lng-C-T	35	chr1:167292350-167292450
chr1	167360550	167360650	1100-Lng-A-T	120	chr1:167360550-167360650
chr1	167399850	167399950	1167-Lng-A-T	74	chr1:167399850-167399950
chr1	167403250	167403350	1072-Lng-A-T	93	chr1:167403250-167403350
chr1	167403750	167403850	1223-Lng-C-T	76	chr1:167403750-167403850
chr1	167411350	167411450	846-Lng-A-T	194	chr1:167411350-167411450
chr1	167648950	167649050	1065-Lng-A-T	102	chr1:167648950-167649050
chr1	167709650	167709750	1223-Lng-B-T	37	chr1:167709650-167709750
chr1	167865050	167865150	1152-Lng-A-T	65	chr1:167865050-167865150
chr1	167920550	167920650	1072-Lng-A-T	72	chr1:167920550-167920650
chr1	167922450	167922550	1072-Lng-A-T	1788	chr1:167922450-167922550
chr1	167922650	167922750	1072-Lng-A-T	62	chr1:167922650-167922750
chr1	167923350	167923450	901-Lng-B-T	120	chr1:167923350-167923450
chr1	167927750	167927850	1072-Lng-A-T	62	chr1:167927750-167927850
chr1	168257950	168258050	901-Lng-C-T	45	chr1:168257950-168258050
chr1	168308550	168308650	1274-Lng-A-T	126	chr1:168308550-168308650
chr1	169248550	169248650	1065-Lng-C-T	93	chr1:169248550-169248650
chr1	169593150	169593250	901-Lng-A-T	286	chr1:169593150-169593250
chr1	169595550	169595650	901-Lng-B-T	50	chr1:169595550-169595650
chr1	169697250	169697350	1167-Lng-A-T	98	chr1:169697250-169697350
chr1	170098350	170098450	1072-Lng-A-T	154	chr1:170098350-170098450
chr1	170106650	170106750	1223-Lng-D-T	41	chr1:170106650-170106750
chr1	170119250	170119350	1223-Lng-B-T	64	chr1:170119250-170119350
chr1	170205550	170205650	1274-Lng-A-T	60	chr1:170205550-170205650
chr1	170208550	170208650	901-Lng-A-T	65	chr1:170208550-170208650
chr1	170223450	170223550	901-Lng-D-T	379	chr1:170223450-170223550
chr1	170224150	170224250	1004-Lng-A-T	121	chr1:170224150-170224250
chr1	170234550	170234650	901-Lng-A-T	61	chr1:170234550-170234650
chr1	170236350	170236450	901-Lng-C-T	87	chr1:170236350-170236450
chr1	170306850	170306950	1274-Lng-A-T	68	chr1:170306850-170306950
chr1	170351550	170351650	901-Lng-D-T	210	chr1:170351550-170351650
chr1	170471750	170471850	1223-Lng-B-T	146	chr1:170471750-170471850
chr1	171337150	171337250	1223-Lng-B-T	59	chr1:171337150-171337250
chr1	171458550	171458650	1090-Lng-A-T	558	chr1:171458550-171458650
chr1	171556450	171556550	1065-Lng-C-T	61	chr1:171556450-171556550
chr1	171632750	171632850	1167-Lng-A-T	57	chr1:171632750-171632850
chr1	171711050	171711150	1065-Lng-A-T	71	chr1:171711050-171711150
chr1	171845850	171845950	1188-Lng-A-T	330	chr1:171845850-171845950
chr1	172134450	172134550	1188-Lng-A-T	62	chr1:172134450-172134550
chr1	172263650	172263750	1152-Lng-A-T	56	chr1:172263650-172263750
chr1	172285950	172286050	1065-Lng-B-T	40	chr1:172285950-172286050

Table S2: SB Insertion regions

chr1	172414650	172414750	1065-Lng-B-T	56	chr1:172414650-172414750
chr1	172510550	172510650	901-Lng-D-T	217	chr1:172510550-172510650
chr1	172661350	172661450	1223-Lng-C-T	51	chr1:172661350-172661450
chr1	172666250	172666350	1188-Lng-A-T	41	chr1:172666250-172666350
chr1	172762750	172762850	901-Lng-A-T	56	chr1:172762750-172762850
chr1	172892650	172892750	1072-Lng-A-T	64	chr1:172892650-172892750
chr1	172957250	172957350	901-Lng-C-T	44	chr1:172957250-172957350
chr1	173066850	173066950	1065-Lng-C-T	77	chr1:173066850-173066950
chr1	173218850	173218950	901-Lng-D-T	74	chr1:173218850-173218950
chr1	173328950	173329050	901-Lng-C-T	101	chr1:173328950-173329050
chr1	173399350	173399450	846-Lng-A-T	97	chr1:173399350-173399450
chr1	173463550	173463650	1151-Lng-A-T	80	chr1:173463550-173463650
chr1	174084850	174084950	1223-Lng-D-T	47	chr1:174084850-174084950
chr1	174370250	174370350	901-Lng-D-T	280	chr1:174370250-174370350
chr1	174515450	174515550	1223-Lng-D-T	68	chr1:174515450-174515550
chr1	174685950	174686050	1223-Lng-A-T	79	chr1:174685950-174686050
chr1	174701650	174701750	901-Lng-A-T	533	chr1:174701650-174701750
chr1	175164650	175164750	1065-Lng-B-T	108	chr1:175164650-175164750
chr1	175983750	175983850	1167-Lng-A-T	114	chr1:175983750-175983850
chr1	176016650	176016750	1065-Lng-B-T	52	chr1:176016650-176016750
chr1	176058450	176058550	1274-Lng-A-T	79	chr1:176058450-176058550
chr1	176380750	176380850	1152-Lng-A-T	99	chr1:176380750-176380850
chr1	176720050	176720150	901-Lng-A-T	60	chr1:176720050-176720150
chr1	176775450	176775550	901-Lng-C-T	59	chr1:176775450-176775550
chr1	176851450	176851550	1065-Lng-A-T	45	chr1:176851450-176851550
chr1	177349650	177349750	1065-Lng-A-T	146	chr1:177349650-177349750
chr1	177404750	177404850	1072-Lng-A-T	48	chr1:177404750-177404850
chr1	177495150	177495250	1065-Lng-A-T	63	chr1:177495150-177495250
chr1	177515150	177515250	901-Lng-B-T	42	chr1:177515150-177515250
chr1	177571950	177572050	1223-Lng-A-T	881	chr1:177571950-177572050
chr1	177619250	177619350	901-Lng-A-T	99	chr1:177619250-177619350
chr1	177685150	177685250	1223-Lng-B-T	194	chr1:177685150-177685250
chr1	177940550	177940650	1065-Lng-B-T	53	chr1:177940550-177940650
chr1	177970250	177970350	901-Lng-C-T	52	chr1:177970250-177970350
chr1	178193050	178193150	1004-Lng-A-T	54	chr1:178193050-178193150
chr1	178521150	178521250	1065-Lng-B-T	84	chr1:178521150-178521250
chr1	178763450	178763550	1065-Lng-C-T	67	chr1:178763450-178763550
chr1	178763550	178763650	901-Lng-C-T	29	chr1:178763550-178763650
chr1	178852050	178852150	1223-Lng-D-T	70	chr1:178852050-178852150
chr1	178907450	178907550	901-Lng-D-T	59	chr1:178907450-178907550
chr1	178934650	178934750	1065-Lng-C-T	67	chr1:178934650-178934750
chr1	178965750	178965850	1090-Lng-A-T	105	chr1:178965750-178965850
chr1	178988350	178988450	1100-Lng-B-T	171	chr1:178988350-178988450
chr1	179028950	179029050	1223-Lng-D-T	50	chr1:179028950-179029050
chr1	179129750	179129850	901-Lng-D-T	188	chr1:179129750-179129850
chr1	179187050	179187150	1223-Lng-D-T	93	chr1:179187050-179187150

Table S2: SB Insertion regions

chr1	179378750	179378850	901-Lng-C-T	1457	chr1:179378750-179378850
chr1	179434950	179435050	1274-Lng-A-T	138	chr1:179434950-179435050
chr1	179611150	179611250	901-Lng-A-T	60	chr1:179611150-179611250
chr1	179653350	179653450	1065-Lng-A-T	38	chr1:179653350-179653450
chr1	179705450	179705550	1274-Lng-A-T	56	chr1:179705450-179705550
chr1	179712750	179712850	1004-Lng-A-T	100	chr1:179712750-179712850
chr1	179719150	179719250	1100-Lng-B-T	50	chr1:179719150-179719250
chr1	179721150	179721250	1072-Lng-A-T	73	chr1:179721150-179721250
chr1	180028350	180028450	901-Lng-C-T	28	chr1:180028350-180028450
chr1	180102950	180103050	1152-Lng-A-T	57	chr1:180102950-180103050
chr1	180256050	180256150	1188-Lng-A-T	40	chr1:180256050-180256150
chr1	180262750	180262850	1167-Lng-A-T	103	chr1:180262750-180262850
chr1	180274250	180274350	1072-Lng-A-T	78	chr1:180274250-180274350
chr1	180660150	180660250	901-Lng-B-T	82	chr1:180660150-180660250
chr1	180666150	180666250	1090-Lng-A-T	63	chr1:180666150-180666250
chr1	180882250	180882350	1065-Lng-A-T	56	chr1:180882250-180882350
chr1	181196450	181196550	901-Lng-C-T	30	chr1:181196450-181196550
chr1	181243850	181243950	1152-Lng-A-T	86	chr1:181243850-181243950
chr1	181255250	181255350	1072-Lng-A-T	96	chr1:181255250-181255350
chr1	181276550	181276650	1100-Lng-A-T	92	chr1:181276550-181276650
chr1	181289750	181289850	901-Lng-C-T	41	chr1:181289750-181289850
chr1	181311650	181311750	901-Lng-D-T	39	chr1:181311650-181311750
chr1	181479350	181479450	1072-Lng-A-T	52	chr1:181479350-181479450
chr1	181502450	181502550	1167-Lng-A-T	65	chr1:181502450-181502550
chr1	181506350	181506450	1152-Lng-A-T	363	chr1:181506350-181506450
chr1	181519050	181519150	1152-Lng-A-T	68	chr1:181519050-181519150
chr1	181527350	181527450	1274-Lng-A-T	151	chr1:181527350-181527450
chr1	181673750	181673850	1188-Lng-A-T	80	chr1:181673750-181673850
chr1	181710350	181710450	901-Lng-B-T	186	chr1:181710350-181710450
chr1	181715450	181715550	1167-Lng-A-T	86	chr1:181715450-181715550
chr1	181895250	181895350	1223-Lng-D-T	41	chr1:181895250-181895350
chr1	181897350	181897450	1152-Lng-A-T	330	chr1:181897350-181897450
chr1	181898650	181898750	1274-Lng-A-T	99	chr1:181898650-181898750
chr1	181931150	181931250	901-Lng-B-T	239	chr1:181931150-181931250
chr1	182007750	182007850	1223-Lng-D-T	51	chr1:182007750-182007850
chr1	182246550	182246650	1274-Lng-A-T	67	chr1:182246550-182246650
chr1	182253950	182254050	1072-Lng-A-T	65	chr1:182253950-182254050
chr1	182349750	182349850	1065-Lng-A-T	87	chr1:182349750-182349850
chr1	182663550	182663650	1223-Lng-B-T	55	chr1:182663550-182663650
chr1	182892150	182892250	1100-Lng-A-T	64	chr1:182892150-182892250
chr1	182938650	182938750	1151-Lng-A-T	140	chr1:182938650-182938750
chr1	182942550	182942650	901-Lng-C-T	51	chr1:182942550-182942650
chr1	183126250	183126350	1274-Lng-A-T	143	chr1:183126250-183126350
chr1	183138550	183138650	1188-Lng-A-T	104	chr1:183138550-183138650
chr1	183443950	183444050	1065-Lng-C-T	742	chr1:183443950-183444050
chr1	183767350	183767450	901-Lng-C-T	281	chr1:183767350-183767450

Table S2: SB Insertion regions

chr1	183872450	183872550	1090-Lng-A-T	59	chr1:183872450-183872550
chr1	183977450	183977550	1223-Lng-C-T	43	chr1:183977450-183977550
chr1	184059250	184059350	1151-Lng-A-T	185	chr1:184059250-184059350
chr1	184205050	184205150	1072-Lng-A-T	106	chr1:184205050-184205150
chr1	184205050	184205150	1223-Lng-C-T	52	chr1:184205050-184205150
chr1	184207150	184207250	1151-Lng-A-T	135	chr1:184207150-184207250
chr1	184222250	184222350	901-Lng-C-T	30	chr1:184222250-184222350
chr1	184246150	184246250	901-Lng-B-T	68	chr1:184246150-184246250
chr1	184321350	184321450	1167-Lng-A-T	177	chr1:184321350-184321450
chr1	184341350	184341450	1151-Lng-A-T	361	chr1:184341350-184341450
chr1	184446750	184446850	1152-Lng-A-T	160	chr1:184446750-184446850
chr1	184593450	184593550	1223-Lng-A-T	172	chr1:184593450-184593550
chr1	184902750	184902850	1072-Lng-A-T	227	chr1:184902750-184902850
chr1	185755350	185755450	1072-Lng-A-T	48	chr1:185755350-185755450
chr1	185792050	185792150	901-Lng-B-T	90	chr1:185792050-185792150
chr1	185858850	185858950	1188-Lng-A-T	293	chr1:185858850-185858950
chr1	185906950	185907050	1065-Lng-A-T	46	chr1:185906950-185907050
chr1	185955450	185955550	1167-Lng-A-T	49	chr1:185955450-185955550
chr1	186603950	186604050	1223-Lng-B-T	196	chr1:186603950-186604050
chr1	186618750	186618850	1152-Lng-A-T	140	chr1:186618750-186618850
chr1	186664450	186664550	1065-Lng-C-T	75	chr1:186664450-186664550
chr1	187039650	187039750	1152-Lng-A-T	40	chr1:187039650-187039750
chr1	187062350	187062450	1151-Lng-A-T	489	chr1:187062350-187062450
chr1	187151350	187151450	1223-Lng-B-T	306	chr1:187151350-187151450
chr1	187202950	187203050	1188-Lng-A-T	116	chr1:187202950-187203050
chr1	187226850	187226950	1223-Lng-C-T	114	chr1:187226850-187226950
chr1	187231850	187231950	901-Lng-B-T	161	chr1:187231850-187231950
chr1	187678950	187679050	1100-Lng-B-T	68	chr1:187678950-187679050
chr1	187766650	187766750	1004-Lng-A-T	51	chr1:187766650-187766750
chr1	187871250	187871350	901-Lng-C-T	40	chr1:187871250-187871350
chr1	188020450	188020550	901-Lng-C-T	62	chr1:188020450-188020550
chr1	188023150	188023250	1223-Lng-C-T	166	chr1:188023150-188023250
chr1	188471650	188471750	1065-Lng-B-T	50	chr1:188471650-188471750
chr1	189046450	189046550	1072-Lng-A-T	153	chr1:189046450-189046550
chr1	189053250	189053350	1065-Lng-B-T	41	chr1:189053250-189053350
chr1	189061050	189061150	1072-Lng-A-T	63	chr1:189061050-189061150
chr1	189074250	189074350	846-Lng-A-T	76	chr1:189074250-189074350
chr1	189087350	189087450	1065-Lng-A-T	62	chr1:189087350-189087450
chr1	189112450	189112550	846-Lng-A-T	61	chr1:189112450-189112550
chr1	189117850	189117950	846-Lng-A-T	1951	chr1:189117850-189117950
chr1	189118850	189118950	1274-Lng-A-T	59	chr1:189118850-189118950
chr1	189130150	189130250	1223-Lng-D-T	65	chr1:189130150-189130250
chr1	189136050	189136150	1004-Lng-A-T	59	chr1:189136050-189136150
chr1	189269350	189269450	1223-Lng-C-T	64	chr1:189269350-189269450
chr1	189383950	189384050	846-Lng-A-T	70	chr1:189383950-189384050
chr1	189571750	189571850	1072-Lng-A-T	51	chr1:189571750-189571850

Table S2: SB Insertion regions

chr1	189746150	189746250	1274-Lng-A-T	113	chr1:189746150-189746250
chr1	189880450	189880550	1223-Lng-B-T	61	chr1:189880450-189880550
chr1	189965450	189965550	1072-Lng-A-T	118	chr1:189965450-189965550
chr1	190307950	190308050	1065-Lng-A-T	76	chr1:190307950-190308050
chr1	190322450	190322550	1004-Lng-A-T	88	chr1:190322450-190322550
chr1	190500050	190500150	846-Lng-A-T	150	chr1:190500050-190500150
chr1	190530950	190531050	1274-Lng-A-T	52	chr1:190530950-190531050
chr1	190622950	190623050	901-Lng-B-T	151	chr1:190622950-190623050
chr1	190827950	190828050	1188-Lng-A-T	41	chr1:190827950-190828050
chr1	190912150	190912250	1223-Lng-B-T	93	chr1:190912150-190912250
chr1	191027050	191027150	1100-Lng-B-T	58	chr1:191027050-191027150
chr1	191105250	191105350	1072-Lng-A-T	208	chr1:191105250-191105350
chr1	191143450	191143550	1090-Lng-A-T	79	chr1:191143450-191143550
chr1	191154750	191154850	901-Lng-D-T	526	chr1:191154750-191154850
chr1	191178050	191178150	846-Lng-A-T	182	chr1:191178050-191178150
chr1	191472450	191472550	1072-Lng-A-T	57	chr1:191472450-191472550
chr1	191492650	191492750	1072-Lng-A-T	149	chr1:191492650-191492750
chr1	191600750	191600850	1152-Lng-A-T	37	chr1:191600750-191600850
chr1	191737850	191737950	1188-Lng-A-T	34	chr1:191737850-191737950
chr1	191755050	191755150	846-Lng-A-T	104	chr1:191755050-191755150
chr1	191932050	191932150	901-Lng-C-T	32	chr1:191932050-191932150
chr1	192144350	192144450	1223-Lng-C-T	46	chr1:192144350-192144450
chr1	192389450	192389550	1065-Lng-C-T	81	chr1:192389450-192389550
chr1	192410950	192411050	1100-Lng-A-T	105	chr1:192410950-192411050
chr1	192495850	192495950	1065-Lng-C-T	77	chr1:192495850-192495950
chr1	192616550	192616650	1065-Lng-A-T	96	chr1:192616550-192616650
chr1	192631750	192631850	901-Lng-D-T	355	chr1:192631750-192631850
chr1	192744450	192744550	1065-Lng-C-T	128	chr1:192744450-192744550
chr1	193194950	193195050	1072-Lng-A-T	60	chr1:193194950-193195050
chr1	193195050	193195150	1065-Lng-C-T	1006	chr1:193195050-193195150
chr1	193246750	193246850	901-Lng-A-T	150	chr1:193246750-193246850
chr1	193533350	193533450	1167-Lng-A-T	49	chr1:193533350-193533450
chr1	193564050	193564150	901-Lng-A-T	88	chr1:193564050-193564150
chr1	193693850	193693950	1072-Lng-A-T	170	chr1:193693850-193693950
chr1	193925950	193926050	1152-Lng-A-T	47	chr1:193925950-193926050
chr1	193930750	193930850	846-Lng-A-T	71	chr1:193930750-193930850
chr1	193959550	193959650	1223-Lng-B-T	273	chr1:193959550-193959650
chr1	194034050	194034150	1223-Lng-A-T	54	chr1:194034050-194034150
chr1	194103950	194104050	901-Lng-C-T	103	chr1:194103950-194104050
chr1	194280250	194280350	1151-Lng-A-T	54	chr1:194280250-194280350
chr1	194345850	194345950	1152-Lng-A-T	67	chr1:194345850-194345950
chr1	194626350	194626450	1100-Lng-A-T	91	chr1:194626350-194626450
chr1	194739850	194739950	1072-Lng-A-T	126	chr1:194739850-194739950
chr1	194757750	194757850	1004-Lng-A-T	592	chr1:194757750-194757850
chr1	194985850	194985950	1004-Lng-A-T	67	chr1:194985850-194985950
chr1	195172050	195172150	1065-Lng-C-T	75	chr1:195172050-195172150

Table S2: SB Insertion regions

chr1	195448350	195448450	1065-Lng-C-T	84	chr1:195448350-195448450
chr1	195701150	195701250	1223-Lng-C-T	47	chr1:195701150-195701250
chr1	195823650	195823750	901-Lng-B-T	55	chr1:195823650-195823750
chr1	195895950	195896050	1274-Lng-A-T	54	chr1:195895950-195896050
chr1	195996750	195996850	1065-Lng-A-T	85	chr1:195996750-195996850
chr1	196383550	196383650	1065-Lng-B-T	198	chr1:196383550-196383650
chr1	196410650	196410750	1223-Lng-C-T	52	chr1:196410650-196410750
chr1	196472950	196473050	901-Lng-A-T	76	chr1:196472950-196473050
chr1	196497250	196497350	1072-Lng-A-T	68	chr1:196497250-196497350
chr1	196545750	196545850	1151-Lng-A-T	117	chr1:196545750-196545850
chr1	196572950	196573050	1004-Lng-A-T	75	chr1:196572950-196573050
chr1	196614550	196614650	901-Lng-C-T	42	chr1:196614550-196614650
chr1	196812150	196812250	1065-Lng-B-T	94	chr1:196812150-196812250
chr1	196838450	196838550	1152-Lng-A-T	374	chr1:196838450-196838550
chr1	196854350	196854450	1223-Lng-B-T	35	chr1:196854350-196854450
chr1	196949550	196949650	1065-Lng-C-T	82	chr1:196949550-196949650
chr1	196956050	196956150	901-Lng-D-T	533	chr1:196956050-196956150
chr1	196982650	196982750	1100-Lng-B-T	67	chr1:196982650-196982750
chr1	197047250	197047350	1274-Lng-A-T	94	chr1:197047250-197047350
chr10	3138750	3138850	1167-Lng-A-T	216	chr10:3138750-3138850
chr10	3145250	3145350	1090-Lng-A-T	61	chr10:3145250-3145350
chr10	3217950	3218050	901-Lng-C-T	60	chr10:3217950-3218050
chr10	3365050	3365150	1072-Lng-A-T	56	chr10:3365050-3365150
chr10	3391650	3391750	1065-Lng-A-T	129	chr10:3391650-3391750
chr10	3450650	3450750	1065-Lng-B-T	69	chr10:3450650-3450750
chr10	3526050	3526150	1065-Lng-B-T	44	chr10:3526050-3526150
chr10	3848150	3848250	1065-Lng-A-T	41	chr10:3848150-3848250
chr10	3926950	3927050	1065-Lng-C-T	62	chr10:3926950-3927050
chr10	4012650	4012750	1152-Lng-A-T	111	chr10:4012650-4012750
chr10	4398850	4398950	1090-Lng-A-T	98	chr10:4398850-4398950
chr10	4438950	4439050	901-Lng-C-T	69	chr10:4438950-4439050
chr10	4538650	4538750	901-Lng-A-T	69	chr10:4538650-4538750
chr10	4657750	4657850	1223-Lng-D-T	40	chr10:4657750-4657850
chr10	4721850	4721950	1065-Lng-C-T	73	chr10:4721850-4721950
chr10	4804150	4804250	1223-Lng-B-T	390	chr10:4804150-4804250
chr10	4807150	4807250	1090-Lng-A-T	202	chr10:4807150-4807250
chr10	5239650	5239750	1090-Lng-A-T	61	chr10:5239650-5239750
chr10	5281250	5281350	1152-Lng-A-T	66	chr10:5281250-5281350
chr10	5304750	5304850	1004-Lng-A-T	65	chr10:5304750-5304850
chr10	5490250	5490350	1151-Lng-A-T	72	chr10:5490250-5490350
chr10	5943950	5944050	901-Lng-D-T	249	chr10:5943950-5944050
chr10	5945450	5945550	1167-Lng-A-T	48	chr10:5945450-5945550
chr10	5973850	5973950	846-Lng-A-T	141	chr10:5973850-5973950
chr10	5996150	5996250	1100-Lng-B-T	57	chr10:5996150-5996250
chr10	6021950	6022050	1090-Lng-B-T	163	chr10:6021950-6022050
chr10	6263850	6263950	1100-Lng-A-T	73	chr10:6263850-6263950

Table S2: SB Insertion regions

chr10	6267350	6267450	1090-Lng-A-T	69	chr10:6267350-6267450
chr10	6327150	6327250	1004-Lng-A-T	82	chr10:6327150-6327250
chr10	6419750	6419850	901-Lng-A-T	240	chr10:6419750-6419850
chr10	6549950	6550050	1065-Lng-A-T	34	chr10:6549950-6550050
chr10	6707350	6707450	901-Lng-C-T	42	chr10:6707350-6707450
chr10	6868350	6868450	1090-Lng-A-T	51	chr10:6868350-6868450
chr10	6902150	6902250	1167-Lng-A-T	107	chr10:6902150-6902250
chr10	6902650	6902750	1100-Lng-A-T	66	chr10:6902650-6902750
chr10	6908050	6908150	1065-Lng-A-T	82	chr10:6908050-6908150
chr10	6919550	6919650	1188-Lng-A-T	74	chr10:6919550-6919650
chr10	6943350	6943450	1100-Lng-A-T	82	chr10:6943350-6943450
chr10	6962850	6962950	901-Lng-A-T	53	chr10:6962850-6962950
chr10	6966650	6966750	1274-Lng-A-T	67	chr10:6966650-6966750
chr10	6983250	6983350	1152-Lng-A-T	84	chr10:6983250-6983350
chr10	6986050	6986150	1065-Lng-A-T	62	chr10:6986050-6986150
chr10	7007550	7007650	1223-Lng-C-T	47	chr10:7007550-7007650
chr10	7032450	7032550	1004-Lng-A-T	978	chr10:7032450-7032550
chr10	7297250	7297350	846-Lng-A-T	105	chr10:7297250-7297350
chr10	7378150	7378250	1152-Lng-A-T	120	chr10:7378150-7378250
chr10	7385850	7385950	846-Lng-A-T	195	chr10:7385850-7385950
chr10	7390850	7390950	1065-Lng-B-T	78	chr10:7390850-7390950
chr10	7395850	7395950	1090-Lng-A-T	190	chr10:7395850-7395950
chr10	7561750	7561850	1065-Lng-B-T	54	chr10:7561750-7561850
chr10	7631750	7631850	1223-Lng-C-T	135	chr10:7631750-7631850
chr10	7636150	7636250	1090-Lng-A-T	60	chr10:7636150-7636250
chr10	7645250	7645350	846-Lng-A-T	117	chr10:7645250-7645350
chr10	7651650	7651750	901-Lng-D-T	60	chr10:7651650-7651750
chr10	7652150	7652250	901-Lng-A-T	94	chr10:7652150-7652250
chr10	7656050	7656150	1223-Lng-D-T	48	chr10:7656050-7656150
chr10	7661250	7661350	846-Lng-A-T	65	chr10:7661250-7661350
chr10	7666750	7666850	1004-Lng-A-T	100	chr10:7666750-7666850
chr10	7706550	7706650	1090-Lng-A-T	131	chr10:7706550-7706650
chr10	8159450	8159550	1223-Lng-D-T	41	chr10:8159450-8159550
chr10	8553050	8553150	1223-Lng-A-T	92	chr10:8553050-8553150
chr10	8617850	8617950	1072-Lng-A-T	49	chr10:8617850-8617950
chr10	8682450	8682550	901-Lng-B-T	73	chr10:8682450-8682550
chr10	8776050	8776150	1065-Lng-B-T	93	chr10:8776050-8776150
chr10	8797650	8797750	1223-Lng-D-T	46	chr10:8797650-8797750
chr10	9310250	9310350	846-Lng-A-T	49	chr10:9310250-9310350
chr10	9355150	9355250	1188-Lng-A-T	102	chr10:9355150-9355250
chr10	9512850	9512950	901-Lng-B-T	361	chr10:9512850-9512950
chr10	9551050	9551150	1065-Lng-C-T	73	chr10:9551050-9551150
chr10	9584250	9584350	901-Lng-D-T	308	chr10:9584250-9584350
chr10	9610550	9610650	1065-Lng-C-T	74	chr10:9610550-9610650
chr10	9614850	9614950	1072-Lng-A-T	135	chr10:9614850-9614950
chr10	9619750	9619850	1100-Lng-A-T	90	chr10:9619750-9619850

Table S2: SB Insertion regions

chr10	9753750	9753850	1152-Lng-A-T	35	chr10:9753750-9753850
chr10	9761550	9761650	846-Lng-A-T	51	chr10:9761550-9761650
chr10	9922150	9922250	901-Lng-A-T	67	chr10:9922150-9922250
chr10	10451150	10451250	1100-Lng-A-T	73	chr10:10451150-10451250
chr10	10833950	10834050	1072-Lng-A-T	73	chr10:10833950-10834050
chr10	10834050	10834150	1152-Lng-A-T	51	chr10:10834050-10834150
chr10	10931050	10931150	846-Lng-A-T	55	chr10:10931050-10931150
chr10	11003650	11003750	1065-Lng-B-T	58	chr10:11003650-11003750
chr10	11009050	11009150	1223-Lng-B-T	41	chr10:11009050-11009150
chr10	11012150	11012250	1274-Lng-A-T	63	chr10:11012150-11012250
chr10	11158750	11158850	1065-Lng-A-T	37	chr10:11158750-11158850
chr10	11454150	11454250	901-Lng-B-T	197	chr10:11454150-11454250
chr10	11610850	11610950	901-Lng-B-T	205	chr10:11610850-11610950
chr10	11664050	11664150	1065-Lng-B-T	48	chr10:11664050-11664150
chr10	11910750	11910850	901-Lng-C-T	127	chr10:11910750-11910850
chr10	12130850	12130950	1090-Lng-A-T	77	chr10:12130850-12130950
chr10	12136150	12136250	1090-Lng-A-T	56	chr10:12136150-12136250
chr10	12161550	12161650	901-Lng-B-T	79	chr10:12161550-12161650
chr10	12205150	12205250	1223-Lng-A-T	279	chr10:12205150-12205250
chr10	12236650	12236750	1090-Lng-B-T	408	chr10:12236650-12236750
chr10	12299250	12299350	846-Lng-A-T	109	chr10:12299250-12299350
chr10	12337750	12337850	1065-Lng-C-T	86	chr10:12337750-12337850
chr10	12373650	12373750	1100-Lng-A-T	115	chr10:12373650-12373750
chr10	12393750	12393850	901-Lng-D-T	203	chr10:12393750-12393850
chr10	12416050	12416150	1152-Lng-A-T	100	chr10:12416050-12416150
chr10	12458450	12458550	901-Lng-B-T	38	chr10:12458450-12458550
chr10	12463150	12463250	1100-Lng-B-T	90	chr10:12463150-12463250
chr10	12482750	12482850	1151-Lng-A-T	453	chr10:12482750-12482850
chr10	12517850	12517950	846-Lng-A-T	100	chr10:12517850-12517950
chr10	12537950	12538050	1223-Lng-D-T	54	chr10:12537950-12538050
chr10	12630450	12630550	1223-Lng-C-T	1273	chr10:12630450-12630550
chr10	12697550	12697650	1151-Lng-A-T	60	chr10:12697550-12697650
chr10	12959550	12959650	1065-Lng-C-T	331	chr10:12959550-12959650
chr10	13210150	13210250	901-Lng-C-T	45	chr10:13210150-13210250
chr10	13331950	13332050	1072-Lng-A-T	113	chr10:13331950-13332050
chr10	13369150	13369250	1223-Lng-C-T	44	chr10:13369150-13369250
chr10	13372050	13372150	1188-Lng-A-T	82	chr10:13372050-13372150
chr10	13453250	13453350	1004-Lng-A-T	113	chr10:13453250-13453350
chr10	13533250	13533350	1274-Lng-A-T	71	chr10:13533250-13533350
chr10	13557250	13557350	1065-Lng-B-T	69	chr10:13557250-13557350
chr10	13682350	13682450	1151-Lng-A-T	54	chr10:13682350-13682450
chr10	13712350	13712450	1065-Lng-A-T	54	chr10:13712350-13712450
chr10	13732950	13733050	901-Lng-A-T	82	chr10:13732950-13733050
chr10	13749750	13749850	1152-Lng-A-T	364	chr10:13749750-13749850
chr10	13762850	13762950	1065-Lng-A-T	49	chr10:13762850-13762950
chr10	14016350	14016450	1188-Lng-A-T	35	chr10:14016350-14016450

Table S2: SB Insertion regions

chr10	14138550	14138650	1065-Lng-A-T	79	chr10:14138550-14138650
chr10	14283950	14284050	1065-Lng-B-T	44	chr10:14283950-14284050
chr10	14387650	14387750	1223-Lng-C-T	58	chr10:14387650-14387750
chr10	14388650	14388750	901-Lng-B-T	35	chr10:14388650-14388750
chr10	14392950	14393050	1065-Lng-B-T	44	chr10:14392950-14393050
chr10	14418250	14418350	901-Lng-C-T	81	chr10:14418250-14418350
chr10	14425650	14425750	901-Lng-A-T	104	chr10:14425650-14425750
chr10	14474750	14474850	901-Lng-B-T	217	chr10:14474750-14474850
chr10	14494750	14494850	1065-Lng-B-T	71	chr10:14494750-14494850
chr10	14611850	14611950	1152-Lng-A-T	104	chr10:14611850-14611950
chr10	14638450	14638550	1004-Lng-A-T	70	chr10:14638450-14638550
chr10	14815250	14815350	901-Lng-C-T	883	chr10:14815250-14815350
chr10	14849750	14849850	1090-Lng-A-T	115	chr10:14849750-14849850
chr10	15024450	15024550	1065-Lng-B-T	68	chr10:15024450-15024550
chr10	15124450	15124550	1100-Lng-B-T	56	chr10:15124450-15124550
chr10	15199050	15199150	1065-Lng-A-T	237	chr10:15199050-15199150
chr10	15477850	15477950	901-Lng-B-T	222	chr10:15477850-15477950
chr10	15660450	15660550	901-Lng-B-T	55	chr10:15660450-15660550
chr10	15748750	15748850	1065-Lng-C-T	76	chr10:15748750-15748850
chr10	15863850	15863950	1004-Lng-A-T	55	chr10:15863850-15863950
chr10	15863850	15863950	1152-Lng-A-T	58	chr10:15863850-15863950
chr10	15941950	15942050	1065-Lng-A-T	68	chr10:15941950-15942050
chr10	15955050	15955150	1065-Lng-C-T	63	chr10:15955050-15955150
chr10	16342150	16342250	1223-Lng-A-T	77	chr10:16342150-16342250
chr10	16385950	16386050	846-Lng-A-T	104	chr10:16385950-16386050
chr10	16578650	16578750	901-Lng-B-T	275	chr10:16578650-16578750
chr10	16578650	16578750	1152-Lng-A-T	48	chr10:16578650-16578750
chr10	16686450	16686550	1188-Lng-A-T	306	chr10:16686450-16686550
chr10	17074750	17074850	901-Lng-C-T	56	chr10:17074750-17074850
chr10	17103950	17104050	1065-Lng-C-T	77	chr10:17103950-17104050
chr10	17195050	17195150	901-Lng-C-T	77	chr10:17195050-17195150
chr10	17228350	17228450	1090-Lng-A-T	179	chr10:17228350-17228450
chr10	17409550	17409650	1065-Lng-A-T	106	chr10:17409550-17409650
chr10	17526150	17526250	1090-Lng-A-T	53	chr10:17526150-17526250
chr10	17634250	17634350	1151-Lng-A-T	55	chr10:17634250-17634350
chr10	17783950	17784050	901-Lng-B-T	84	chr10:17783950-17784050
chr10	17785150	17785250	1072-Lng-A-T	49	chr10:17785150-17785250
chr10	17826650	17826750	1090-Lng-A-T	63	chr10:17826650-17826750
chr10	17835350	17835450	1223-Lng-A-T	71	chr10:17835350-17835450
chr10	17880850	17880950	1065-Lng-A-T	38	chr10:17880850-17880950
chr10	18073250	18073350	1223-Lng-C-T	43	chr10:18073250-18073350
chr10	18095950	18096050	1274-Lng-A-T	293	chr10:18095950-18096050
chr10	18298350	18298450	1090-Lng-A-T	91	chr10:18298350-18298450
chr10	18320650	18320750	1274-Lng-A-T	58	chr10:18320650-18320750
chr10	18437050	18437150	1223-Lng-B-T	162	chr10:18437050-18437150
chr10	18449450	18449550	1065-Lng-A-T	37	chr10:18449450-18449550

Table S2: SB Insertion regions

chr10	18600750	18600850	1151-Lng-A-T	57	chr10:18600750-18600850
chr10	18729150	18729250	1188-Lng-A-T	362	chr10:18729150-18729250
chr10	18732150	18732250	1274-Lng-A-T	1027	chr10:18732150-18732250
chr10	19148550	19148650	901-Lng-C-T	40	chr10:19148550-19148650
chr10	19349150	19349250	1065-Lng-B-T	200	chr10:19349150-19349250
chr10	19351750	19351850	846-Lng-A-T	61	chr10:19351750-19351850
chr10	19381050	19381150	1090-Lng-A-T	48	chr10:19381050-19381150
chr10	19679150	19679250	1274-Lng-A-T	227	chr10:19679150-19679250
chr10	19679450	19679550	1223-Lng-A-T	242	chr10:19679450-19679550
chr10	19706150	19706250	1090-Lng-A-T	49	chr10:19706150-19706250
chr10	19758850	19758950	1223-Lng-C-T	46	chr10:19758850-19758950
chr10	19779750	19779850	1274-Lng-A-T	54	chr10:19779750-19779850
chr10	19803250	19803350	1274-Lng-A-T	158	chr10:19803250-19803350
chr10	19846750	19846850	901-Lng-B-T	36	chr10:19846750-19846850
chr10	19900850	19900950	1151-Lng-A-T	58	chr10:19900850-19900950
chr10	19904850	19904950	1274-Lng-A-T	65	chr10:19904850-19904950
chr10	19963750	19963850	1100-Lng-B-T	94	chr10:19963750-19963850
chr10	19992250	19992350	1223-Lng-C-T	257	chr10:19992250-19992350
chr10	20037550	20037650	1223-Lng-B-T	334	chr10:20037550-20037650
chr10	20113150	20113250	1100-Lng-A-T	61	chr10:20113150-20113250
chr10	20123650	20123750	901-Lng-B-T	244	chr10:20123650-20123750
chr10	20146650	20146750	1167-Lng-A-T	236	chr10:20146650-20146750
chr10	20182350	20182450	1065-Lng-A-T	36	chr10:20182350-20182450
chr10	20202250	20202350	1151-Lng-A-T	58	chr10:20202250-20202350
chr10	20211850	20211950	1274-Lng-A-T	98	chr10:20211850-20211950
chr10	20223350	20223450	1065-Lng-B-T	207	chr10:20223350-20223450
chr10	20244850	20244950	1151-Lng-A-T	73	chr10:20244850-20244950
chr10	20334650	20334750	1151-Lng-A-T	66	chr10:20334650-20334750
chr10	20506250	20506350	1223-Lng-B-T	41	chr10:20506250-20506350
chr10	20780550	20780650	1065-Lng-B-T	41	chr10:20780550-20780650
chr10	20853850	20853950	1090-Lng-A-T	44	chr10:20853850-20853950
chr10	21025750	21025850	901-Lng-A-T	53	chr10:21025750-21025850
chr10	21041950	21042050	1065-Lng-A-T	41	chr10:21041950-21042050
chr10	21074950	21075050	901-Lng-C-T	213	chr10:21074950-21075050
chr10	21803950	21804050	901-Lng-B-T	158	chr10:21803950-21804050
chr10	22389950	22390050	1004-Lng-A-T	73	chr10:22389950-22390050
chr10	22427450	22427550	1223-Lng-B-T	36	chr10:22427450-22427550
chr10	22711950	22712050	1223-Lng-B-T	48	chr10:22711950-22712050
chr10	22712650	22712750	846-Lng-A-T	111	chr10:22712650-22712750
chr10	22922750	22922850	1274-Lng-A-T	85	chr10:22922750-22922850
chr10	22948150	22948250	1065-Lng-A-T	36	chr10:22948150-22948250
chr10	23523650	23523750	901-Lng-A-T	73	chr10:23523650-23523750
chr10	23755050	23755150	1152-Lng-A-T	81	chr10:23755050-23755150
chr10	23872350	23872450	1065-Lng-A-T	91	chr10:23872350-23872450
chr10	23902650	23902750	1090-Lng-A-T	73	chr10:23902650-23902750
chr10	23906350	23906450	846-Lng-A-T	98	chr10:23906350-23906450

Table S2: SB Insertion regions

chr10	23986750	23986850	1188-Lng-A-T	38	chr10:23986750-23986850
chr10	24008850	24008950	1090-Lng-A-T	2243	chr10:24008850-24008950
chr10	24099750	24099850	1065-Lng-B-T	63	chr10:24099750-24099850
chr10	24262350	24262450	1223-Lng-A-T	187	chr10:24262350-24262450
chr10	24605950	24606050	1065-Lng-A-T	73	chr10:24605950-24606050
chr10	24626750	24626850	1100-Lng-A-T	122	chr10:24626750-24626850
chr10	24681950	24682050	901-Lng-D-T	326	chr10:24681950-24682050
chr10	24696250	24696350	1151-Lng-A-T	71	chr10:24696250-24696350
chr10	24706850	24706950	1004-Lng-A-T	53	chr10:24706850-24706950
chr10	25230650	25230750	846-Lng-A-T	103	chr10:25230650-25230750
chr10	25457850	25457950	901-Lng-B-T	216	chr10:25457850-25457950
chr10	25481050	25481150	1188-Lng-A-T	54	chr10:25481050-25481150
chr10	25559250	25559350	1065-Lng-A-T	78	chr10:25559250-25559350
chr10	25609250	25609350	1072-Lng-A-T	50	chr10:25609250-25609350
chr10	25642250	25642350	1274-Lng-A-T	64	chr10:25642250-25642350
chr10	25718350	25718450	1065-Lng-B-T	122	chr10:25718350-25718450
chr10	25837850	25837950	1090-Lng-A-T	72	chr10:25837850-25837950
chr10	26052050	26052150	1152-Lng-A-T	117	chr10:26052050-26052150
chr10	26079650	26079750	1090-Lng-A-T	44	chr10:26079650-26079750
chr10	26102850	26102950	1072-Lng-A-T	168	chr10:26102850-26102950
chr10	26367150	26367250	1004-Lng-A-T	74	chr10:26367150-26367250
chr10	26403450	26403550	846-Lng-A-T	85	chr10:26403450-26403550
chr10	26459850	26459950	1065-Lng-A-T	78	chr10:26459850-26459950
chr10	26478450	26478550	1004-Lng-A-T	167	chr10:26478450-26478550
chr10	26575650	26575750	1090-Lng-A-T	72	chr10:26575650-26575750
chr10	26578650	26578750	901-Lng-A-T	124	chr10:26578650-26578750
chr10	26729950	26730050	1152-Lng-A-T	60	chr10:26729950-26730050
chr10	26897450	26897550	1065-Lng-B-T	40	chr10:26897450-26897550
chr10	27030150	27030250	1223-Lng-B-T	61	chr10:27030150-27030250
chr10	27163250	27163350	901-Lng-C-T	52	chr10:27163250-27163350
chr10	27352950	27353050	1090-Lng-A-T	44	chr10:27352950-27353050
chr10	27383350	27383450	846-Lng-A-T	95	chr10:27383350-27383450
chr10	27819750	27819850	1274-Lng-A-T	117	chr10:27819750-27819850
chr10	27826150	27826250	901-Lng-A-T	133	chr10:27826150-27826250
chr10	27833850	27833950	1151-Lng-A-T	98	chr10:27833850-27833950
chr10	27893550	27893650	1223-Lng-B-T	259	chr10:27893550-27893650
chr10	27902450	27902550	1223-Lng-D-T	43	chr10:27902450-27902550
chr10	27903150	27903250	1151-Lng-A-T	215	chr10:27903150-27903250
chr10	27904850	27904950	901-Lng-B-T	105	chr10:27904850-27904950
chr10	27923950	27924050	1100-Lng-A-T	110	chr10:27923950-27924050
chr10	27960950	27961050	1090-Lng-A-T	80	chr10:27960950-27961050
chr10	28000250	28000350	1223-Lng-D-T	45	chr10:28000250-28000350
chr10	28001650	28001750	1072-Lng-A-T	48	chr10:28001650-28001750
chr10	28011750	28011850	846-Lng-A-T	91	chr10:28011750-28011850
chr10	28068250	28068350	901-Lng-A-T	102	chr10:28068250-28068350
chr10	28211050	28211150	1167-Lng-A-T	78	chr10:28211050-28211150

Table S2: SB Insertion regions

chr10	28223250	28223350	846-Lng-A-T	177	chr10:28223250-28223350
chr10	28282050	28282150	846-Lng-A-T	264	chr10:28282050-28282150
chr10	28306650	28306750	901-Lng-B-T	88	chr10:28306650-28306750
chr10	28319950	28320050	1223-Lng-B-T	464	chr10:28319950-28320050
chr10	28336050	28336150	1188-Lng-A-T	42	chr10:28336050-28336150
chr10	28450850	28450950	1072-Lng-A-T	151	chr10:28450850-28450950
chr10	28576050	28576150	1072-Lng-A-T	54	chr10:28576050-28576150
chr10	28788450	28788550	1072-Lng-A-T	54	chr10:28788450-28788550
chr10	28980550	28980650	1004-Lng-A-T	76	chr10:28980550-28980650
chr10	29017650	29017750	1223-Lng-B-T	52	chr10:29017650-29017750
chr10	29056250	29056350	1065-Lng-A-T	63	chr10:29056250-29056350
chr10	29070950	29071050	1188-Lng-A-T	59	chr10:29070950-29071050
chr10	29440350	29440450	1065-Lng-A-T	42	chr10:29440350-29440450
chr10	30053350	30053450	1152-Lng-A-T	52	chr10:30053350-30053450
chr10	30127150	30127250	1152-Lng-A-T	65	chr10:30127150-30127250
chr10	30175050	30175150	1152-Lng-A-T	81	chr10:30175050-30175150
chr10	30258250	30258350	1152-Lng-A-T	87	chr10:30258250-30258350
chr10	30304750	30304850	1151-Lng-A-T	54	chr10:30304750-30304850
chr10	30318650	30318750	1223-Lng-B-T	42	chr10:30318650-30318750
chr10	30349750	30349850	1065-Lng-C-T	68	chr10:30349750-30349850
chr10	30361150	30361250	1065-Lng-B-T	89	chr10:30361150-30361250
chr10	30400750	30400850	1065-Lng-A-T	58	chr10:30400750-30400850
chr10	30407150	30407250	1274-Lng-A-T	82	chr10:30407150-30407250
chr10	30435450	30435550	1065-Lng-B-T	89	chr10:30435450-30435550
chr10	30437550	30437650	901-Lng-C-T	42	chr10:30437550-30437650
chr10	30461550	30461650	1072-Lng-A-T	55	chr10:30461550-30461650
chr10	30512350	30512450	1223-Lng-C-T	54	chr10:30512350-30512450
chr10	30655550	30655650	1223-Lng-A-T	114	chr10:30655550-30655650
chr10	30875050	30875150	1274-Lng-A-T	60	chr10:30875050-30875150
chr10	30882450	30882550	1100-Lng-A-T	56	chr10:30882450-30882550
chr10	31211150	31211250	1167-Lng-A-T	114	chr10:31211150-31211250
chr10	31215050	31215150	1100-Lng-A-T	55	chr10:31215050-31215150
chr10	31256550	31256650	1065-Lng-A-T	97	chr10:31256550-31256650
chr10	31511250	31511350	1072-Lng-A-T	61	chr10:31511250-31511350
chr10	31560850	31560950	1072-Lng-A-T	130	chr10:31560850-31560950
chr10	32263050	32263150	1072-Lng-A-T	65	chr10:32263050-32263150
chr10	32477950	32478050	1151-Lng-A-T	70	chr10:32477950-32478050
chr10	33030350	33030450	901-Lng-A-T	370	chr10:33030350-33030450
chr10	33069350	33069450	901-Lng-D-T	193	chr10:33069350-33069450
chr10	33080550	33080650	1090-Lng-A-T	68	chr10:33080550-33080650
chr10	33116350	33116450	1152-Lng-A-T	103	chr10:33116350-33116450
chr10	33246950	33247050	1072-Lng-A-T	61	chr10:33246950-33247050
chr10	33615950	33616050	846-Lng-A-T	77	chr10:33615950-33616050
chr10	33670150	33670250	1223-Lng-A-T	238	chr10:33670150-33670250
chr10	34003450	34003550	1223-Lng-C-T	1622	chr10:34003450-34003550
chr10	34008150	34008250	1151-Lng-A-T	142	chr10:34008150-34008250

Table S2: SB Insertion regions

chr10	34076450	34076550	1152-Lng-A-T	106	chr10:34076450-34076550
chr10	34084150	34084250	901-Lng-B-T	74	chr10:34084150-34084250
chr10	34085950	34086050	1274-Lng-A-T	213	chr10:34085950-34086050
chr10	34148550	34148650	901-Lng-B-T	108	chr10:34148550-34148650
chr10	34168750	34168850	1065-Lng-B-T	60	chr10:34168750-34168850
chr10	34228550	34228650	1065-Lng-A-T	83	chr10:34228550-34228650
chr10	34244050	34244150	1223-Lng-B-T	36	chr10:34244050-34244150
chr10	34245350	34245450	901-Lng-B-T	80	chr10:34245350-34245450
chr10	34260050	34260150	1151-Lng-A-T	118	chr10:34260050-34260150
chr10	34271250	34271350	1100-Lng-A-T	85	chr10:34271250-34271350
chr10	34277050	34277150	1065-Lng-A-T	51	chr10:34277050-34277150
chr10	34290450	34290550	1274-Lng-A-T	59	chr10:34290450-34290550
chr10	34304550	34304650	1223-Lng-B-T	38	chr10:34304550-34304650
chr10	34899350	34899450	1065-Lng-A-T	34	chr10:34899350-34899450
chr10	34901750	34901850	1223-Lng-D-T	40	chr10:34901750-34901850
chr10	34992650	34992750	1223-Lng-C-T	52	chr10:34992650-34992750
chr10	35012050	35012150	901-Lng-A-T	365	chr10:35012050-35012150
chr10	35095250	35095350	1274-Lng-A-T	57	chr10:35095250-35095350
chr10	35167250	35167350	1065-Lng-B-T	74	chr10:35167250-35167350
chr10	35342850	35342950	1065-Lng-C-T	103	chr10:35342850-35342950
chr10	35385550	35385650	1151-Lng-A-T	273	chr10:35385550-35385650
chr10	35626250	35626350	1004-Lng-A-T	319	chr10:35626250-35626350
chr10	35685350	35685450	1072-Lng-A-T	68	chr10:35685350-35685450
chr10	35723350	35723450	1152-Lng-A-T	34	chr10:35723350-35723450
chr10	35829350	35829450	1188-Lng-A-T	61	chr10:35829350-35829450
chr10	35910050	35910150	1188-Lng-A-T	38	chr10:35910050-35910150
chr10	35945750	35945850	901-Lng-A-T	65	chr10:35945750-35945850
chr10	35975650	35975750	1065-Lng-A-T	52	chr10:35975650-35975750
chr10	36050950	36051050	1065-Lng-A-T	43	chr10:36050950-36051050
chr10	36246250	36246350	901-Lng-C-T	46	chr10:36246250-36246350
chr10	36572850	36572950	901-Lng-A-T	308	chr10:36572850-36572950
chr10	36647150	36647250	1065-Lng-B-T	48	chr10:36647150-36647250
chr10	36976450	36976550	1152-Lng-A-T	93	chr10:36976450-36976550
chr10	37182050	37182150	901-Lng-C-T	86	chr10:37182050-37182150
chr10	37348550	37348650	1223-Lng-D-T	53	chr10:37348550-37348650
chr10	37411250	37411350	901-Lng-B-T	153	chr10:37411250-37411350
chr10	37416150	37416250	901-Lng-A-T	71	chr10:37416150-37416250
chr10	37488450	37488550	1004-Lng-A-T	65	chr10:37488450-37488550
chr10	37593850	37593950	1223-Lng-C-T	69	chr10:37593850-37593950
chr10	37621350	37621450	1223-Lng-A-T	284	chr10:37621350-37621450
chr10	37804750	37804850	901-Lng-D-T	248	chr10:37804750-37804850
chr10	37816550	37816650	1065-Lng-A-T	45	chr10:37816550-37816650
chr10	38016150	38016250	901-Lng-B-T	69	chr10:38016150-38016250
chr10	38030450	38030550	1004-Lng-A-T	303	chr10:38030450-38030550
chr10	38292350	38292450	901-Lng-D-T	272	chr10:38292350-38292450
chr10	38346450	38346550	1065-Lng-A-T	60	chr10:38346450-38346550

Table S2: SB Insertion regions

chr10	38518250	38518350	1065-Lng-A-T	94	chr10:38518250-38518350
chr10	38796450	38796550	1274-Lng-A-T	89	chr10:38796450-38796550
chr10	38814350	38814450	1100-Lng-A-T	55	chr10:38814350-38814450
chr10	38988550	38988650	1065-Lng-B-T	96	chr10:38988550-38988650
chr10	39049050	39049150	1065-Lng-C-T	69	chr10:39049050-39049150
chr10	39158150	39158250	1090-Lng-B-T	292	chr10:39158150-39158250
chr10	39359950	39360050	846-Lng-A-T	92	chr10:39359950-39360050
chr10	39426750	39426850	901-Lng-B-T	38	chr10:39426750-39426850
chr10	39465150	39465250	901-Lng-C-T	168	chr10:39465150-39465250
chr10	39473650	39473750	1167-Lng-A-T	53	chr10:39473650-39473750
chr10	39494650	39494750	846-Lng-A-T	120	chr10:39494650-39494750
chr10	39555750	39555850	1100-Lng-A-T	163	chr10:39555750-39555850
chr10	39563650	39563750	846-Lng-A-T	50	chr10:39563650-39563750
chr10	39575350	39575450	1274-Lng-A-T	102	chr10:39575350-39575450
chr10	39587950	39588050	1223-Lng-D-T	42	chr10:39587950-39588050
chr10	39794250	39794350	846-Lng-A-T	97	chr10:39794250-39794350
chr10	39808150	39808250	1072-Lng-A-T	54	chr10:39808150-39808250
chr10	39839450	39839550	1065-Lng-C-T	76	chr10:39839450-39839550
chr10	40011250	40011350	1188-Lng-A-T	44	chr10:40011250-40011350
chr10	40013150	40013250	1188-Lng-A-T	39	chr10:40013150-40013250
chr10	40119650	40119750	1223-Lng-A-T	247	chr10:40119650-40119750
chr10	40160150	40160250	901-Lng-B-T	224	chr10:40160150-40160250
chr10	40201050	40201150	1274-Lng-A-T	148	chr10:40201050-40201150
chr10	40574050	40574150	1223-Lng-B-T	39	chr10:40574050-40574150
chr10	40579350	40579450	1090-Lng-B-T	682	chr10:40579350-40579450
chr10	40592350	40592450	1072-Lng-A-T	54	chr10:40592350-40592450
chr10	40848350	40848450	1274-Lng-A-T	177	chr10:40848350-40848450
chr10	40885150	40885250	1065-Lng-B-T	70	chr10:40885150-40885250
chr10	41011150	41011250	1065-Lng-C-T	107	chr10:41011150-41011250
chr10	41184850	41184950	1151-Lng-A-T	118	chr10:41184850-41184950
chr10	41431750	41431850	1274-Lng-A-T	53	chr10:41431750-41431850
chr10	41538950	41539050	1223-Lng-A-T	142	chr10:41538950-41539050
chr10	41595150	41595250	901-Lng-A-T	350	chr10:41595150-41595250
chr10	41601050	41601150	1223-Lng-C-T	91	chr10:41601050-41601150
chr10	41703250	41703350	901-Lng-D-T	570	chr10:41703250-41703350
chr10	41820050	41820150	1188-Lng-A-T	51	chr10:41820050-41820150
chr10	41831650	41831750	901-Lng-A-T	89	chr10:41831650-41831750
chr10	41841450	41841550	1004-Lng-A-T	59	chr10:41841450-41841550
chr10	41859150	41859250	1223-Lng-C-T	49	chr10:41859150-41859250
chr10	41906550	41906650	901-Lng-A-T	83	chr10:41906550-41906650
chr10	41938750	41938850	1188-Lng-A-T	63	chr10:41938750-41938850
chr10	41953550	41953650	1188-Lng-A-T	62	chr10:41953550-41953650
chr10	42025050	42025150	1065-Lng-B-T	66	chr10:42025050-42025150
chr10	42248750	42248850	1223-Lng-B-T	41	chr10:42248750-42248850
chr10	42432650	42432750	1152-Lng-A-T	213	chr10:42432650-42432750
chr10	42449550	42449650	1100-Lng-A-T	52	chr10:42449550-42449650

Table S2: SB Insertion regions

chr10	42506150	42506250	1223-Lng-C-T	43	chr10:42506150-42506250
chr10	42517150	42517250	1090-Lng-B-T	100	chr10:42517150-42517250
chr10	42537950	42538050	1100-Lng-A-T	93	chr10:42537950-42538050
chr10	42841350	42841450	901-Lng-D-T	355	chr10:42841350-42841450
chr10	42911050	42911150	1004-Lng-A-T	74	chr10:42911050-42911150
chr10	43173850	43173950	1223-Lng-B-T	232	chr10:43173850-43173950
chr10	43202550	43202650	1065-Lng-B-T	83	chr10:43202550-43202650
chr10	43382650	43382750	1065-Lng-A-T	35	chr10:43382650-43382750
chr10	43421150	43421250	1152-Lng-A-T	87	chr10:43421150-43421250
chr10	43629450	43629550	901-Lng-A-T	105	chr10:43629450-43629550
chr10	43985250	43985350	901-Lng-A-T	59	chr10:43985250-43985350
chr10	44048250	44048350	1223-Lng-C-T	86	chr10:44048250-44048350
chr10	44091950	44092050	1090-Lng-A-T	93	chr10:44091950-44092050
chr10	44166350	44166450	846-Lng-A-T	188	chr10:44166350-44166450
chr10	44169250	44169350	846-Lng-A-T	111	chr10:44169250-44169350
chr10	44232950	44233050	1065-Lng-B-T	58	chr10:44232950-44233050
chr10	44293050	44293150	1152-Lng-A-T	47	chr10:44293050-44293150
chr10	44294550	44294650	846-Lng-A-T	53	chr10:44294550-44294650
chr10	44427250	44427350	1072-Lng-A-T	66	chr10:44427250-44427350
chr10	44763250	44763350	901-Lng-A-T	514	chr10:44763250-44763350
chr10	44844550	44844650	1151-Lng-A-T	55	chr10:44844550-44844650
chr10	44873650	44873750	1090-Lng-A-T	89	chr10:44873650-44873750
chr10	45381150	45381250	1065-Lng-B-T	59	chr10:45381150-45381250
chr10	45581250	45581350	1223-Lng-A-T	57	chr10:45581250-45581350
chr10	45813750	45813850	901-Lng-A-T	84	chr10:45813750-45813850
chr10	46178950	46179050	1072-Lng-A-T	86	chr10:46178950-46179050
chr10	46238850	46238950	1065-Lng-B-T	56	chr10:46238850-46238950
chr10	46293950	46294050	1151-Lng-A-T	82	chr10:46293950-46294050
chr10	46552250	46552350	1223-Lng-A-T	290	chr10:46552250-46552350
chr10	46620350	46620450	846-Lng-A-T	47	chr10:46620350-46620450
chr10	46771450	46771550	1274-Lng-A-T	218	chr10:46771450-46771550
chr10	46816350	46816450	1090-Lng-A-T	63	chr10:46816350-46816450
chr10	47177850	47177950	1223-Lng-D-T	80	chr10:47177850-47177950
chr10	47230350	47230450	901-Lng-C-T	61	chr10:47230350-47230450
chr10	47451950	47452050	1167-Lng-A-T	90	chr10:47451950-47452050
chr10	47544050	47544150	901-Lng-D-T	464	chr10:47544050-47544150
chr10	47635850	47635950	901-Lng-D-T	485	chr10:47635850-47635950
chr10	47644050	47644150	1065-Lng-A-T	49	chr10:47644050-47644150
chr10	47855850	47855950	1100-Lng-A-T	71	chr10:47855850-47855950
chr10	48009850	48009950	846-Lng-A-T	45	chr10:48009850-48009950
chr10	48251850	48251950	1188-Lng-A-T	183	chr10:48251850-48251950
chr10	48594550	48594650	1090-Lng-B-T	404	chr10:48594550-48594650
chr10	48670650	48670750	1100-Lng-A-T	93	chr10:48670650-48670750
chr10	48929150	48929250	1004-Lng-A-T	59	chr10:48929150-48929250
chr10	48975250	48975350	901-Lng-D-T	40	chr10:48975250-48975350
chr10	49097150	49097250	1065-Lng-B-T	55	chr10:49097150-49097250

Table S2: SB Insertion regions

chr10	49134650	49134750	846-Lng-A-T	64	chr10:49134650-49134750
chr10	49195350	49195450	846-Lng-A-T	187	chr10:49195350-49195450
chr10	49204850	49204950	1223-Lng-D-T	40	chr10:49204850-49204950
chr10	49435850	49435950	1065-Lng-A-T	76	chr10:49435850-49435950
chr10	49436050	49436150	901-Lng-C-T	31	chr10:49436050-49436150
chr10	49488650	49488750	1065-Lng-A-T	103	chr10:49488650-49488750
chr10	49636050	49636150	1100-Lng-A-T	62	chr10:49636050-49636150
chr10	49712950	49713050	1152-Lng-A-T	151	chr10:49712950-49713050
chr10	49956950	49957050	1004-Lng-A-T	75	chr10:49956950-49957050
chr10	50000150	50000250	1100-Lng-A-T	51	chr10:50000150-50000250
chr10	50048350	50048450	1065-Lng-B-T	349	chr10:50048350-50048450
chr10	50414150	50414250	901-Lng-B-T	212	chr10:50414150-50414250
chr10	50428350	50428450	1223-Lng-C-T	66	chr10:50428350-50428450
chr10	50448550	50448650	901-Lng-A-T	136	chr10:50448550-50448650
chr10	50502150	50502250	1151-Lng-A-T	295	chr10:50502150-50502250
chr10	50521550	50521650	901-Lng-D-T	294	chr10:50521550-50521650
chr10	51179650	51179750	1065-Lng-B-T	65	chr10:51179650-51179750
chr10	51337250	51337350	1223-Lng-C-T	76	chr10:51337250-51337350
chr10	51647250	51647350	901-Lng-D-T	40	chr10:51647250-51647350
chr10	51670850	51670950	1065-Lng-C-T	74	chr10:51670850-51670950
chr10	51813750	51813850	1223-Lng-D-T	43	chr10:51813750-51813850
chr10	51910550	51910650	1065-Lng-C-T	1927	chr10:51910550-51910650
chr10	51924650	51924750	1152-Lng-A-T	70	chr10:51924650-51924750
chr10	52079550	52079650	1274-Lng-A-T	80	chr10:52079550-52079650
chr10	52083250	52083350	1274-Lng-A-T	150	chr10:52083250-52083350
chr10	52086350	52086450	1274-Lng-A-T	724	chr10:52086350-52086450
chr10	52093050	52093150	1274-Lng-A-T	2162	chr10:52093050-52093150
chr10	52145150	52145250	1274-Lng-A-T	145	chr10:52145150-52145250
chr10	52234350	52234450	1223-Lng-B-T	36	chr10:52234350-52234450
chr10	52237050	52237150	901-Lng-A-T	62	chr10:52237050-52237150
chr10	52329850	52329950	1072-Lng-A-T	71	chr10:52329850-52329950
chr10	52453750	52453850	1223-Lng-D-T	42	chr10:52453750-52453850
chr10	52574950	52575050	846-Lng-A-T	45	chr10:52574950-52575050
chr10	52907250	52907350	1152-Lng-A-T	68	chr10:52907250-52907350
chr10	53043750	53043850	901-Lng-C-T	31	chr10:53043750-53043850
chr10	53144550	53144650	901-Lng-B-T	52	chr10:53144550-53144650
chr10	53327850	53327950	1188-Lng-A-T	41	chr10:53327850-53327950
chr10	53362150	53362250	1065-Lng-A-T	70	chr10:53362150-53362250
chr10	53363450	53363550	1152-Lng-A-T	50	chr10:53363450-53363550
chr10	53703850	53703950	1167-Lng-A-T	240	chr10:53703850-53703950
chr10	53730550	53730650	1167-Lng-A-T	49	chr10:53730550-53730650
chr10	53775550	53775650	901-Lng-C-T	79	chr10:53775550-53775650
chr10	54176750	54176850	1100-Lng-A-T	53	chr10:54176750-54176850
chr10	54233550	54233650	901-Lng-D-T	36	chr10:54233550-54233650
chr10	54274150	54274250	1151-Lng-A-T	54	chr10:54274150-54274250
chr10	54302350	54302450	1004-Lng-A-T	237	chr10:54302350-54302450

Table S2: SB Insertion regions

chr10	55176750	55176850	901-Lng-C-T	56	chr10:55176750-55176850
chr10	55537550	55537650	1274-Lng-A-T	77	chr10:55537550-55537650
chr10	55571650	55571750	1167-Lng-A-T	78	chr10:55571650-55571750
chr10	55646850	55646950	1004-Lng-A-T	66	chr10:55646850-55646950
chr10	55674850	55674950	1090-Lng-A-T	90	chr10:55674850-55674950
chr10	55739850	55739950	1090-Lng-A-T	48	chr10:55739850-55739950
chr10	55828550	55828650	1065-Lng-B-T	43	chr10:55828550-55828650
chr10	56239150	56239250	1151-Lng-A-T	57	chr10:56239150-56239250
chr10	56326150	56326250	901-Lng-A-T	103	chr10:56326150-56326250
chr10	56344950	56345050	1223-Lng-A-T	1370	chr10:56344950-56345050
chr10	56486150	56486250	1152-Lng-A-T	61	chr10:56486150-56486250
chr10	56508550	56508650	901-Lng-B-T	243	chr10:56508550-56508650
chr10	56670950	56671050	1274-Lng-A-T	68	chr10:56670950-56671050
chr10	56676650	56676750	1100-Lng-B-T	57	chr10:56676650-56676750
chr10	57242450	57242550	1004-Lng-A-T	54	chr10:57242450-57242550
chr10	57249850	57249950	1274-Lng-A-T	86	chr10:57249850-57249950
chr10	57294850	57294950	1072-Lng-A-T	58	chr10:57294850-57294950
chr10	57318050	57318150	1188-Lng-A-T	75	chr10:57318050-57318150
chr10	57318050	57318150	1100-Lng-A-T	63	chr10:57318050-57318150
chr10	57318050	57318150	1223-Lng-B-T	73	chr10:57318050-57318150
chr10	57318050	57318150	901-Lng-B-T	49	chr10:57318050-57318150
chr10	57318050	57318150	901-Lng-A-T	158	chr10:57318050-57318150
chr10	57318050	57318150	1223-Lng-D-T	61	chr10:57318050-57318150
chr10	57318050	57318150	1065-Lng-B-T	44	chr10:57318050-57318150
chr10	57318050	57318150	1152-Lng-A-T	69	chr10:57318050-57318150
chr10	57318050	57318150	1065-Lng-C-T	83	chr10:57318050-57318150
chr10	57318050	57318150	901-Lng-C-T	86	chr10:57318050-57318150
chr10	57318050	57318150	1072-Lng-A-T	58	chr10:57318050-57318150
chr10	57342050	57342150	1167-Lng-A-T	47	chr10:57342050-57342150
chr10	57343150	57343250	901-Lng-C-T	30	chr10:57343150-57343250
chr10	57365750	57365850	1072-Lng-A-T	74	chr10:57365750-57365850
chr10	57429050	57429150	1274-Lng-A-T	57	chr10:57429050-57429150
chr10	57449150	57449250	1100-Lng-A-T	94	chr10:57449150-57449250
chr10	57558650	57558750	846-Lng-A-T	81	chr10:57558650-57558750
chr10	57719250	57719350	1100-Lng-A-T	60	chr10:57719250-57719350
chr10	57748150	57748250	901-Lng-C-T	58	chr10:57748150-57748250
chr10	57768150	57768250	1188-Lng-A-T	50	chr10:57768150-57768250
chr10	57822050	57822150	901-Lng-A-T	181	chr10:57822050-57822150
chr10	57850950	57851050	1065-Lng-B-T	89	chr10:57850950-57851050
chr10	57864550	57864650	1072-Lng-A-T	178	chr10:57864550-57864650
chr10	57921850	57921950	1167-Lng-A-T	49	chr10:57921850-57921950
chr10	57933250	57933350	1151-Lng-A-T	151	chr10:57933250-57933350
chr10	58071150	58071250	1223-Lng-B-T	53	chr10:58071150-58071250
chr10	58125050	58125150	1223-Lng-B-T	98	chr10:58125050-58125150
chr10	58162850	58162950	1223-Lng-A-T	1627	chr10:58162850-58162950
chr10	58167550	58167650	901-Lng-C-T	89	chr10:58167550-58167650

Table S2: SB Insertion regions

chr10	58333950	58334050	1004-Lng-A-T	110	chr10:58333950-58334050
chr10	58405450	58405550	1223-Lng-C-T	63	chr10:58405450-58405550
chr10	58448250	58448350	1223-Lng-B-T	54	chr10:58448250-58448350
chr10	58600750	58600850	1188-Lng-A-T	242	chr10:58600750-58600850
chr10	58708550	58708650	1223-Lng-B-T	173	chr10:58708550-58708650
chr10	58757650	58757750	1090-Lng-B-T	468	chr10:58757650-58757750
chr10	58810350	58810450	1152-Lng-A-T	63	chr10:58810350-58810450
chr10	59010550	59010650	1223-Lng-C-T	121	chr10:59010550-59010650
chr10	59028350	59028450	1065-Lng-A-T	143	chr10:59028350-59028450
chr10	59197850	59197950	901-Lng-D-T	127	chr10:59197850-59197950
chr10	59508050	59508150	901-Lng-D-T	190	chr10:59508050-59508150
chr10	59533150	59533250	1223-Lng-C-T	45	chr10:59533150-59533250
chr10	59542550	59542650	901-Lng-B-T	115	chr10:59542550-59542650
chr10	59989950	59990050	901-Lng-B-T	685	chr10:59989950-59990050
chr10	60533050	60533150	1100-Lng-B-T	78	chr10:60533050-60533150
chr10	60601550	60601650	1065-Lng-A-T	94	chr10:60601550-60601650
chr10	61101950	61102050	1167-Lng-A-T	93	chr10:61101950-61102050
chr10	61287450	61287550	1065-Lng-A-T	55	chr10:61287450-61287550
chr10	61388150	61388250	1065-Lng-B-T	39	chr10:61388150-61388250
chr10	61707850	61707950	1100-Lng-A-T	77	chr10:61707850-61707950
chr10	62084950	62085050	1151-Lng-A-T	58	chr10:62084950-62085050
chr10	62103250	62103350	901-Lng-A-T	77	chr10:62103250-62103350
chr10	62210150	62210250	846-Lng-A-T	63	chr10:62210150-62210250
chr10	62229450	62229550	1065-Lng-B-T	60	chr10:62229450-62229550
chr10	62242350	62242450	1100-Lng-A-T	122	chr10:62242350-62242450
chr10	62249550	62249650	1090-Lng-A-T	75	chr10:62249550-62249650
chr10	62476150	62476250	1274-Lng-A-T	53	chr10:62476150-62476250
chr10	62498750	62498850	901-Lng-C-T	142	chr10:62498750-62498850
chr10	62786050	62786150	1072-Lng-A-T	57	chr10:62786050-62786150
chr10	62794750	62794850	1151-Lng-A-T	126	chr10:62794750-62794850
chr10	62940450	62940550	1004-Lng-A-T	52	chr10:62940450-62940550
chr10	63098350	63098450	1090-Lng-A-T	60	chr10:63098350-63098450
chr10	63395650	63395750	1167-Lng-A-T	135	chr10:63395650-63395750
chr10	63464150	63464250	901-Lng-B-T	177	chr10:63464150-63464250
chr10	63548250	63548350	1090-Lng-A-T	188	chr10:63548250-63548350
chr10	63625150	63625250	901-Lng-C-T	64	chr10:63625150-63625250
chr10	63698850	63698950	1152-Lng-A-T	89	chr10:63698850-63698950
chr10	63769550	63769650	1151-Lng-A-T	66	chr10:63769550-63769650
chr10	63919150	63919250	1090-Lng-A-T	112	chr10:63919150-63919250
chr10	64251750	64251850	846-Lng-A-T	104	chr10:64251750-64251850
chr10	64257250	64257350	1065-Lng-B-T	107	chr10:64257250-64257350
chr10	64471450	64471550	1072-Lng-A-T	189	chr10:64471450-64471550
chr10	64601650	64601750	1100-Lng-B-T	163	chr10:64601650-64601750
chr10	64766750	64766850	1065-Lng-C-T	66	chr10:64766750-64766850
chr10	64825250	64825350	1090-Lng-A-T	54	chr10:64825250-64825350
chr10	65095650	65095750	901-Lng-B-T	45	chr10:65095650-65095750

Table S2: SB Insertion regions

chr10	65158250	65158350	901-Lng-C-T	244	chr10:65158250-65158350
chr10	65431650	65431750	1274-Lng-A-T	86	chr10:65431650-65431750
chr10	65574550	65574650	1065-Lng-C-T	88	chr10:65574550-65574650
chr10	65729950	65730050	1072-Lng-A-T	62	chr10:65729950-65730050
chr10	66005050	66005150	1065-Lng-B-T	57	chr10:66005050-66005150
chr10	66213950	66214050	1072-Lng-A-T	54	chr10:66213950-66214050
chr10	66359550	66359650	1065-Lng-C-T	65	chr10:66359550-66359650
chr10	66475550	66475650	1188-Lng-A-T	44	chr10:66475550-66475650
chr10	66495750	66495850	1065-Lng-B-T	50	chr10:66495750-66495850
chr10	66549450	66549550	1188-Lng-A-T	76	chr10:66549450-66549550
chr10	66562150	66562250	901-Lng-B-T	399	chr10:66562150-66562250
chr10	66584850	66584950	901-Lng-B-T	105	chr10:66584850-66584950
chr10	66644950	66645050	901-Lng-C-T	43	chr10:66644950-66645050
chr10	66654050	66654150	1152-Lng-A-T	55	chr10:66654050-66654150
chr10	66676350	66676450	1188-Lng-A-T	122	chr10:66676350-66676450
chr10	66690750	66690850	1100-Lng-A-T	152	chr10:66690750-66690850
chr10	66704450	66704550	1152-Lng-A-T	111	chr10:66704450-66704550
chr10	66710050	66710150	1274-Lng-A-T	100	chr10:66710050-66710150
chr10	66715950	66716050	901-Lng-A-T	93	chr10:66715950-66716050
chr10	66722950	66723050	1065-Lng-B-T	77	chr10:66722950-66723050
chr10	66730950	66731050	1090-Lng-A-T	45	chr10:66730950-66731050
chr10	67010350	67010450	1274-Lng-A-T	124	chr10:67010350-67010450
chr10	67055850	67055950	1065-Lng-B-T	71	chr10:67055850-67055950
chr10	67460350	67460450	1151-Lng-A-T	92	chr10:67460350-67460450
chr10	67510550	67510650	1065-Lng-C-T	90	chr10:67510550-67510650
chr10	67603050	67603150	1100-Lng-A-T	127	chr10:67603050-67603150
chr10	67613050	67613150	1100-Lng-A-T	62	chr10:67613050-67613150
chr10	67613250	67613350	1188-Lng-A-T	43	chr10:67613250-67613350
chr10	67614050	67614150	1223-Lng-C-T	73	chr10:67614050-67614150
chr10	67869350	67869450	1004-Lng-A-T	53	chr10:67869350-67869450
chr10	67875550	67875650	901-Lng-C-T	42	chr10:67875550-67875650
chr10	67898850	67898950	1090-Lng-A-T	55	chr10:67898850-67898950
chr10	68323050	68323150	901-Lng-A-T	195	chr10:68323050-68323150
chr10	68363350	68363450	901-Lng-A-T	137	chr10:68363350-68363450
chr10	68681750	68681850	901-Lng-D-T	289	chr10:68681750-68681850
chr10	68689350	68689450	901-Lng-C-T	28	chr10:68689350-68689450
chr10	68884750	68884850	1167-Lng-A-T	126	chr10:68884750-68884850
chr10	68931250	68931350	1188-Lng-A-T	38	chr10:68931250-68931350
chr10	68947350	68947450	1090-Lng-A-T	63	chr10:68947350-68947450
chr10	69052550	69052650	1100-Lng-A-T	64	chr10:69052550-69052650
chr10	69052650	69052750	1100-Lng-B-T	16079	chr10:69052650-69052750
chr10	69059150	69059250	1065-Lng-A-T	78	chr10:69059150-69059250
chr10	69063950	69064050	901-Lng-C-T	37	chr10:69063950-69064050
chr10	69129250	69129350	1223-Lng-B-T	251	chr10:69129250-69129350
chr10	69132250	69132350	1274-Lng-A-T	245	chr10:69132250-69132350
chr10	69146450	69146550	1223-Lng-C-T	49	chr10:69146450-69146550

Table S2: SB Insertion regions

chr10	69165250	69165350	1152-Lng-A-T	110	chr10:69165250-69165350
chr10	69171450	69171550	1072-Lng-A-T	115	chr10:69171450-69171550
chr10	69179050	69179150	901-Lng-A-T	288	chr10:69179050-69179150
chr10	69193650	69193750	1274-Lng-A-T	62	chr10:69193650-69193750
chr10	69221850	69221950	901-Lng-C-T	105	chr10:69221850-69221950
chr10	69235450	69235550	1274-Lng-A-T	101	chr10:69235450-69235550
chr10	69304650	69304750	1090-Lng-A-T	100	chr10:69304650-69304750
chr10	69343850	69343950	1100-Lng-A-T	419	chr10:69343850-69343950
chr10	69368150	69368250	1223-Lng-B-T	316	chr10:69368150-69368250
chr10	69512350	69512450	1188-Lng-A-T	228	chr10:69512350-69512450
chr10	69568050	69568150	1151-Lng-A-T	322	chr10:69568050-69568150
chr10	69578850	69578950	901-Lng-B-T	55	chr10:69578850-69578950
chr10	69643850	69643950	1167-Lng-A-T	105	chr10:69643850-69643950
chr10	69643950	69644050	1065-Lng-C-T	90	chr10:69643950-69644050
chr10	69658950	69659050	901-Lng-C-T	87	chr10:69658950-69659050
chr10	70104450	70104550	1065-Lng-B-T	67	chr10:70104450-70104550
chr10	70371150	70371250	1188-Lng-A-T	45	chr10:70371150-70371250
chr10	70379950	70380050	901-Lng-A-T	309	chr10:70379950-70380050
chr10	70406550	70406650	1223-Lng-C-T	48	chr10:70406550-70406650
chr10	70459350	70459450	1090-Lng-A-T	61	chr10:70459350-70459450
chr10	70498650	70498750	901-Lng-A-T	76	chr10:70498650-70498750
chr10	70503250	70503350	901-Lng-C-T	43	chr10:70503250-70503350
chr10	70523150	70523250	1274-Lng-A-T	51	chr10:70523150-70523250
chr10	70799450	70799550	846-Lng-A-T	76	chr10:70799450-70799550
chr10	71118350	71118450	901-Lng-D-T	60	chr10:71118350-71118450
chr10	71589750	71589850	1065-Lng-B-T	52	chr10:71589750-71589850
chr10	71712050	71712150	1223-Lng-B-T	37	chr10:71712050-71712150
chr10	71728450	71728550	1065-Lng-C-T	89	chr10:71728450-71728550
chr10	71989750	71989850	1152-Lng-A-T	264	chr10:71989750-71989850
chr10	72000150	72000250	1152-Lng-A-T	79	chr10:72000150-72000250
chr10	72130850	72130950	1090-Lng-A-T	55	chr10:72130850-72130950
chr10	72311150	72311250	901-Lng-C-T	35	chr10:72311150-72311250
chr10	72315750	72315850	1152-Lng-A-T	32	chr10:72315750-72315850
chr10	72507250	72507350	901-Lng-A-T	101	chr10:72507250-72507350
chr10	72547950	72548050	1090-Lng-A-T	74	chr10:72547950-72548050
chr10	72828050	72828150	1072-Lng-A-T	48	chr10:72828050-72828150
chr10	72879350	72879450	1188-Lng-A-T	341	chr10:72879350-72879450
chr10	72957350	72957450	1065-Lng-A-T	54	chr10:72957350-72957450
chr10	73163250	73163350	1090-Lng-A-T	53	chr10:73163250-73163350
chr10	73190350	73190450	1065-Lng-B-T	50	chr10:73190350-73190450
chr10	73218050	73218150	846-Lng-A-T	92	chr10:73218050-73218150
chr10	73638250	73638350	901-Lng-C-T	67	chr10:73638250-73638350
chr10	73832350	73832450	1065-Lng-A-T	41	chr10:73832350-73832450
chr10	73846250	73846350	901-Lng-A-T	733	chr10:73846250-73846350
chr10	74534750	74534850	1188-Lng-A-T	195	chr10:74534750-74534850
chr10	74584350	74584450	1223-Lng-C-T	50	chr10:74584350-74584450

Table S2: SB Insertion regions

chr10	74610050	74610150	1223-Lng-C-T	200	chr10:74610050-74610150
chr10	74638750	74638850	901-Lng-D-T	328	chr10:74638750-74638850
chr10	74711050	74711150	1152-Lng-A-T	59	chr10:74711050-74711150
chr10	74727950	74728050	1065-Lng-A-T	106	chr10:74727950-74728050
chr10	74841550	74841650	1151-Lng-A-T	492	chr10:74841550-74841650
chr10	74893550	74893650	1090-Lng-A-T	94	chr10:74893550-74893650
chr10	74985150	74985250	1100-Lng-A-T	102	chr10:74985150-74985250
chr10	75026250	75026350	1004-Lng-A-T	71	chr10:75026250-75026350
chr10	75155950	75156050	1072-Lng-A-T	61	chr10:75155950-75156050
chr10	75272750	75272850	1065-Lng-A-T	122	chr10:75272750-75272850
chr10	75315550	75315650	1274-Lng-A-T	538	chr10:75315550-75315650
chr10	75496250	75496350	1065-Lng-A-T	36	chr10:75496250-75496350
chr10	75499850	75499950	901-Lng-B-T	40	chr10:75499850-75499950
chr10	75590550	75590650	1274-Lng-A-T	100	chr10:75590550-75590650
chr10	75673150	75673250	1065-Lng-A-T	64	chr10:75673150-75673250
chr10	75729550	75729650	1274-Lng-A-T	75	chr10:75729550-75729650
chr10	75747350	75747450	1151-Lng-A-T	81	chr10:75747350-75747450
chr10	75851150	75851250	1167-Lng-A-T	116	chr10:75851150-75851250
chr10	76001250	76001350	1065-Lng-B-T	83	chr10:76001250-76001350
chr10	76540150	76540250	846-Lng-A-T	170	chr10:76540150-76540250
chr10	76673650	76673750	1223-Lng-D-T	43	chr10:76673650-76673750
chr10	76725650	76725750	1090-Lng-B-T	241	chr10:76725650-76725750
chr10	76971950	76972050	1090-Lng-A-T	83	chr10:76971950-76972050
chr10	77053750	77053850	901-Lng-B-T	126	chr10:77053750-77053850
chr10	77057350	77057450	1072-Lng-A-T	56	chr10:77057350-77057450
chr10	77073650	77073750	1065-Lng-A-T	91	chr10:77073650-77073750
chr10	77389150	77389250	1072-Lng-A-T	49	chr10:77389150-77389250
chr10	77460550	77460650	1188-Lng-A-T	122	chr10:77460550-77460650
chr10	77657750	77657850	1100-Lng-A-T	112	chr10:77657750-77657850
chr10	77660550	77660650	1223-Lng-C-T	44	chr10:77660550-77660650
chr10	77684850	77684950	1167-Lng-A-T	51	chr10:77684850-77684950
chr10	77698350	77698450	1152-Lng-A-T	97	chr10:77698350-77698450
chr10	77813750	77813850	1152-Lng-A-T	317	chr10:77813750-77813850
chr10	77919050	77919150	1090-Lng-A-T	51	chr10:77919050-77919150
chr10	78523250	78523350	846-Lng-A-T	50	chr10:78523250-78523350
chr10	78525750	78525850	1223-Lng-A-T	1895	chr10:78525750-78525850
chr10	78633350	78633450	1223-Lng-B-T	42	chr10:78633350-78633450
chr10	78838050	78838150	1004-Lng-A-T	56	chr10:78838050-78838150
chr10	78848350	78848450	901-Lng-C-T	29	chr10:78848350-78848450
chr10	79164450	79164550	901-Lng-A-T	61	chr10:79164450-79164550
chr10	79331550	79331650	1167-Lng-A-T	106	chr10:79331550-79331650
chr10	79412950	79413050	1188-Lng-A-T	40	chr10:79412950-79413050
chr10	79546450	79546550	901-Lng-C-T	232	chr10:79546450-79546550
chr10	79640050	79640150	901-Lng-B-T	40	chr10:79640050-79640150
chr10	79773050	79773150	1274-Lng-A-T	127	chr10:79773050-79773150
chr10	80090950	80091050	1100-Lng-A-T	63	chr10:80090950-80091050

Table S2: SB Insertion regions

chr10	80162550	80162650	1100-Lng-A-T	58	chr10:80162550-80162650
chr10	80198950	80199050	1152-Lng-A-T	79	chr10:80198950-80199050
chr10	80436050	80436150	1004-Lng-A-T	71	chr10:80436050-80436150
chr10	80479650	80479750	1274-Lng-A-T	67	chr10:80479650-80479750
chr10	80580250	80580350	1223-Lng-A-T	130	chr10:80580250-80580350
chr10	81063250	81063350	1223-Lng-D-T	83	chr10:81063250-81063350
chr10	81101450	81101550	1090-Lng-A-T	100	chr10:81101450-81101550
chr10	81479450	81479550	1004-Lng-A-T	93	chr10:81479450-81479550
chr10	81600750	81600850	1065-Lng-A-T	78	chr10:81600750-81600850
chr10	81602550	81602650	1004-Lng-A-T	83	chr10:81602550-81602650
chr10	81610850	81610950	1004-Lng-A-T	158	chr10:81610850-81610950
chr10	81996450	81996550	901-Lng-C-T	52	chr10:81996450-81996550
chr10	82265350	82265450	1090-Lng-A-T	48	chr10:82265350-82265450
chr10	82355350	82355450	1100-Lng-A-T	51	chr10:82355350-82355450
chr10	82426050	82426150	1151-Lng-A-T	88	chr10:82426050-82426150
chr10	82547150	82547250	1004-Lng-A-T	59	chr10:82547150-82547250
chr10	82704650	82704750	1152-Lng-A-T	95	chr10:82704650-82704750
chr10	82784450	82784550	846-Lng-A-T	46	chr10:82784450-82784550
chr10	82794350	82794450	1223-Lng-B-T	57	chr10:82794350-82794450
chr10	83016850	83016950	1100-Lng-A-T	88	chr10:83016850-83016950
chr10	83020650	83020750	1223-Lng-A-T	176	chr10:83020650-83020750
chr10	83051950	83052050	1151-Lng-A-T	57	chr10:83051950-83052050
chr10	83056950	83057050	1090-Lng-B-T	176	chr10:83056950-83057050
chr10	83067950	83068050	1100-Lng-A-T	63	chr10:83067950-83068050
chr10	83089250	83089350	1090-Lng-A-T	71	chr10:83089250-83089350
chr10	83831550	83831650	901-Lng-C-T	48	chr10:83831550-83831650
chr10	84022450	84022550	1065-Lng-B-T	56	chr10:84022450-84022550
chr10	84306050	84306150	846-Lng-A-T	57	chr10:84306050-84306150
chr10	84362950	84363050	1223-Lng-B-T	41	chr10:84362950-84363050
chr10	84383350	84383450	1223-Lng-B-T	34	chr10:84383350-84383450
chr10	84392950	84393050	1274-Lng-A-T	70	chr10:84392950-84393050
chr10	84398750	84398850	1274-Lng-A-T	193	chr10:84398750-84398850
chr10	84438750	84438850	901-Lng-C-T	75	chr10:84438750-84438850
chr10	84464550	84464650	1274-Lng-A-T	154	chr10:84464550-84464650
chr10	84581950	84582050	1274-Lng-A-T	57	chr10:84581950-84582050
chr10	84608050	84608150	1274-Lng-A-T	97	chr10:84608050-84608150
chr10	84891450	84891550	1004-Lng-A-T	127	chr10:84891450-84891550
chr10	84935050	84935150	1151-Lng-A-T	66	chr10:84935050-84935150
chr10	85010350	85010450	1065-Lng-C-T	86	chr10:85010350-85010450
chr10	85501450	85501550	846-Lng-A-T	68	chr10:85501450-85501550
chr10	85520450	85520550	1065-Lng-B-T	68	chr10:85520450-85520550
chr10	85521150	85521250	1065-Lng-C-T	144	chr10:85521150-85521250
chr10	85750050	85750150	1167-Lng-A-T	45	chr10:85750050-85750150
chr10	85788650	85788750	1188-Lng-A-T	40	chr10:85788650-85788750
chr10	85876250	85876350	1100-Lng-A-T	57	chr10:85876250-85876350
chr10	86158950	86159050	1065-Lng-B-T	87	chr10:86158950-86159050

Table S2: SB Insertion regions

chr10	86204150	86204250	1065-Lng-A-T	49	chr10:86204150-86204250
chr10	86256950	86257050	1274-Lng-A-T	74	chr10:86256950-86257050
chr10	86293350	86293450	1004-Lng-A-T	50	chr10:86293350-86293450
chr10	86390950	86391050	1100-Lng-A-T	91	chr10:86390950-86391050
chr10	86510850	86510950	1090-Lng-A-T	98	chr10:86510850-86510950
chr10	86644750	86644850	901-Lng-A-T	68	chr10:86644750-86644850
chr10	86742650	86742750	1004-Lng-A-T	73	chr10:86742650-86742750
chr10	86777250	86777350	1065-Lng-B-T	60	chr10:86777250-86777350
chr10	86789250	86789350	1223-Lng-C-T	51	chr10:86789250-86789350
chr10	86847850	86847950	901-Lng-C-T	43	chr10:86847850-86847950
chr10	87630850	87630950	1090-Lng-A-T	73	chr10:87630850-87630950
chr10	87729450	87729550	1223-Lng-A-T	61	chr10:87729450-87729550
chr10	87769250	87769350	1004-Lng-A-T	101	chr10:87769250-87769350
chr10	87780350	87780450	1223-Lng-B-T	2468	chr10:87780350-87780450
chr10	87811750	87811850	901-Lng-A-T	70	chr10:87811750-87811850
chr10	87864750	87864850	1090-Lng-A-T	99	chr10:87864750-87864850
chr10	88539650	88539750	1152-Lng-A-T	50	chr10:88539650-88539750
chr10	88605550	88605650	1223-Lng-C-T	54	chr10:88605550-88605650
chr10	88937950	88938050	1152-Lng-A-T	140	chr10:88937950-88938050
chr10	89097050	89097150	1274-Lng-A-T	129	chr10:89097050-89097150
chr10	89118750	89118850	1152-Lng-A-T	54	chr10:89118750-89118850
chr10	89136550	89136650	901-Lng-A-T	71	chr10:89136550-89136650
chr10	89138450	89138550	1167-Lng-A-T	104	chr10:89138450-89138550
chr10	89143950	89144050	1223-Lng-C-T	51	chr10:89143950-89144050
chr10	89189650	89189750	1065-Lng-B-T	43	chr10:89189650-89189750
chr10	89285050	89285150	901-Lng-B-T	129	chr10:89285050-89285150
chr10	89291250	89291350	1188-Lng-A-T	107	chr10:89291250-89291350
chr10	89962450	89962550	846-Lng-A-T	271	chr10:89962450-89962550
chr10	89973050	89973150	1152-Lng-A-T	84	chr10:89973050-89973150
chr10	90123450	90123550	1274-Lng-A-T	68	chr10:90123450-90123550
chr10	90612350	90612450	901-Lng-C-T	81	chr10:90612350-90612450
chr10	90627650	90627750	1065-Lng-B-T	87	chr10:90627650-90627750
chr10	90701750	90701850	1223-Lng-B-T	44	chr10:90701750-90701850
chr10	91463550	91463650	1072-Lng-A-T	77	chr10:91463550-91463650
chr10	91483350	91483450	1223-Lng-B-T	264	chr10:91483350-91483450
chr10	91587850	91587950	1223-Lng-A-T	956	chr10:91587850-91587950
chr10	91874850	91874950	1072-Lng-A-T	48	chr10:91874850-91874950
chr10	91972250	91972350	1223-Lng-B-T	38	chr10:91972250-91972350
chr10	92016150	92016250	1274-Lng-A-T	131	chr10:92016150-92016250
chr10	92327050	92327150	1072-Lng-A-T	78	chr10:92327050-92327150
chr10	92359650	92359750	901-Lng-C-T	35	chr10:92359650-92359750
chr10	92439150	92439250	1274-Lng-A-T	49	chr10:92439150-92439250
chr10	92681050	92681150	1004-Lng-A-T	71	chr10:92681050-92681150
chr10	92690050	92690150	1151-Lng-A-T	82	chr10:92690050-92690150
chr10	92693750	92693850	1065-Lng-C-T	962	chr10:92693750-92693850
chr10	92789750	92789850	901-Lng-A-T	73	chr10:92789750-92789850

Table S2: SB Insertion regions

chr10	92898750	92898850	1223-Lng-B-T	41	chr10:92898750-92898850
chr10	92975250	92975350	1274-Lng-A-T	64	chr10:92975250-92975350
chr10	92988850	92988950	901-Lng-A-T	102	chr10:92988850-92988950
chr10	93116250	93116350	1274-Lng-A-T	65	chr10:93116250-93116350
chr10	93134950	93135050	1151-Lng-A-T	934	chr10:93134950-93135050
chr10	93161150	93161250	1223-Lng-D-T	62	chr10:93161150-93161250
chr10	93161250	93161350	1223-Lng-D-T	168	chr10:93161250-93161350
chr10	93214650	93214750	1065-Lng-B-T	88	chr10:93214650-93214750
chr10	93513650	93513750	901-Lng-B-T	174	chr10:93513650-93513750
chr10	93518250	93518350	1188-Lng-A-T	126	chr10:93518250-93518350
chr10	93538050	93538150	1223-Lng-B-T	72	chr10:93538050-93538150
chr10	93561950	93562050	901-Lng-C-T	70	chr10:93561950-93562050
chr10	93785750	93785850	846-Lng-A-T	133	chr10:93785750-93785850
chr10	94378650	94378750	1223-Lng-B-T	45	chr10:94378650-94378750
chr10	94392750	94392850	1151-Lng-A-T	78	chr10:94392750-94392850
chr10	94494550	94494650	1065-Lng-A-T	99	chr10:94494550-94494650
chr10	94667250	94667350	1100-Lng-A-T	120	chr10:94667250-94667350
chr10	94680150	94680250	846-Lng-A-T	89	chr10:94680150-94680250
chr10	94732350	94732450	1100-Lng-A-T	100	chr10:94732350-94732450
chr10	94735850	94735950	1072-Lng-A-T	49	chr10:94735850-94735950
chr10	94744850	94744950	1065-Lng-A-T	46	chr10:94744850-94744950
chr10	94985050	94985150	1004-Lng-A-T	55	chr10:94985050-94985150
chr10	95000650	95000750	901-Lng-D-T	91	chr10:95000650-95000750
chr10	95010250	95010350	1274-Lng-A-T	59	chr10:95010250-95010350
chr10	95033050	95033150	1274-Lng-A-T	55	chr10:95033050-95033150
chr10	95242250	95242350	1152-Lng-A-T	74	chr10:95242250-95242350
chr10	95279950	95280050	1004-Lng-A-T	119	chr10:95279950-95280050
chr10	95443150	95443250	1223-Lng-A-T	1505	chr10:95443150-95443250
chr10	95443450	95443550	1072-Lng-A-T	48	chr10:95443450-95443550
chr10	95904950	95905050	1151-Lng-A-T	244	chr10:95904950-95905050
chr10	96020550	96020650	1065-Lng-C-T	64	chr10:96020550-96020650
chr10	96056250	96056350	1223-Lng-A-T	235	chr10:96056250-96056350
chr10	96664050	96664150	1223-Lng-D-T	48	chr10:96664050-96664150
chr10	96822350	96822450	1152-Lng-A-T	337	chr10:96822350-96822450
chr10	96931550	96931650	1223-Lng-A-T	102	chr10:96931550-96931650
chr10	96974350	96974450	846-Lng-A-T	94	chr10:96974350-96974450
chr10	97135650	97135750	1072-Lng-A-T	53	chr10:97135650-97135750
chr10	97246550	97246650	1188-Lng-A-T	40	chr10:97246550-97246650
chr10	98253150	98253250	1274-Lng-A-T	62	chr10:98253150-98253250
chr10	98309650	98309750	1072-Lng-A-T	55	chr10:98309650-98309750
chr10	98357450	98357550	901-Lng-A-T	86	chr10:98357450-98357550
chr10	98395450	98395550	901-Lng-A-T	95	chr10:98395450-98395550
chr10	98411950	98412050	1188-Lng-A-T	363	chr10:98411950-98412050
chr10	98419150	98419250	901-Lng-C-T	38	chr10:98419150-98419250
chr10	98450650	98450750	1065-Lng-B-T	75	chr10:98450650-98450750
chr10	98456850	98456950	901-Lng-D-T	478	chr10:98456850-98456950

Table S2: SB Insertion regions

chr10	98602150	98602250	1090-Lng-A-T	87	chr10:98602150-98602250
chr10	98653350	98653450	901-Lng-D-T	39	chr10:98653350-98653450
chr10	98717650	98717750	1274-Lng-A-T	97	chr10:98717650-98717750
chr10	98873850	98873950	1065-Lng-B-T	44	chr10:98873850-98873950
chr10	98998750	98998850	901-Lng-B-T	299	chr10:98998750-98998850
chr10	99024550	99024650	901-Lng-A-T	127	chr10:99024550-99024650
chr10	99083650	99083750	1223-Lng-B-T	82	chr10:99083650-99083750
chr10	99337750	99337850	1223-Lng-B-T	160	chr10:99337750-99337850
chr10	100395250	100395350	1090-Lng-A-T	77	chr10:100395250-100395350
chr10	100431850	100431950	1274-Lng-A-T	86	chr10:100431850-100431950
chr10	100654150	100654250	1065-Lng-B-T	45	chr10:100654150-100654250
chr10	100815450	100815550	1167-Lng-A-T	79	chr10:100815450-100815550
chr10	100845550	100845650	901-Lng-B-T	250	chr10:100845550-100845650
chr10	101125250	101125350	1065-Lng-B-T	52	chr10:101125250-101125350
chr10	101367150	101367250	1004-Lng-A-T	56	chr10:101367150-101367250
chr10	101445250	101445350	901-Lng-A-T	57	chr10:101445250-101445350
chr10	101488250	101488350	1090-Lng-B-T	608	chr10:101488250-101488350
chr10	101587250	101587350	901-Lng-C-T	59	chr10:101587250-101587350
chr10	101751150	101751250	1152-Lng-A-T	56	chr10:101751150-101751250
chr10	101826450	101826550	901-Lng-B-T	90	chr10:101826450-101826550
chr10	102015650	102015750	1223-Lng-D-T	51	chr10:102015650-102015750
chr10	102060750	102060850	1065-Lng-B-T	73	chr10:102060750-102060850
chr10	102191350	102191450	901-Lng-D-T	321	chr10:102191350-102191450
chr10	102346550	102346650	1072-Lng-A-T	50	chr10:102346550-102346650
chr10	102415050	102415150	1188-Lng-A-T	75	chr10:102415050-102415150
chr10	102448650	102448750	901-Lng-C-T	51	chr10:102448650-102448750
chr10	102823450	102823550	1223-Lng-B-T	57	chr10:102823450-102823550
chr10	102854150	102854250	901-Lng-A-T	55	chr10:102854150-102854250
chr10	102925450	102925550	1223-Lng-C-T	63	chr10:102925450-102925550
chr10	103438050	103438150	1072-Lng-A-T	138	chr10:103438050-103438150
chr10	103648050	103648150	1188-Lng-A-T	65	chr10:103648050-103648150
chr10	103786850	103786950	1151-Lng-A-T	131	chr10:103786850-103786950
chr10	103805650	103805750	1151-Lng-A-T	82	chr10:103805650-103805750
chr10	103888250	103888350	1151-Lng-A-T	55	chr10:103888250-103888350
chr10	103968650	103968750	846-Lng-A-T	146	chr10:103968650-103968750
chr10	104159850	104159950	1223-Lng-B-T	333	chr10:104159850-104159950
chr10	104251150	104251250	1223-Lng-C-T	54	chr10:104251150-104251250
chr10	104455250	104455350	1072-Lng-A-T	246	chr10:104455250-104455350
chr10	104624950	104625050	1223-Lng-B-T	44	chr10:104624950-104625050
chr10	104649850	104649950	901-Lng-A-T	76	chr10:104649850-104649950
chr10	104668050	104668150	901-Lng-A-T	107	chr10:104668050-104668150
chr10	104678450	104678550	1152-Lng-A-T	228	chr10:104678450-104678550
chr10	104803250	104803350	1151-Lng-A-T	57	chr10:104803250-104803350
chr10	104845250	104845350	846-Lng-A-T	59	chr10:104845250-104845350
chr10	104954350	104954450	1004-Lng-A-T	63	chr10:104954350-104954450
chr10	104960750	104960850	1167-Lng-A-T	226	chr10:104960750-104960850

Table S2: SB Insertion regions

chr10	104981850	104981950	1100-Lng-A-T	67	chr10:104981850-104981950
chr10	105006550	105006650	901-Lng-B-T	71	chr10:105006550-105006650
chr10	105140050	105140150	1004-Lng-A-T	73	chr10:105140050-105140150
chr10	105187250	105187350	1065-Lng-A-T	48	chr10:105187250-105187350
chr10	105365850	105365950	1072-Lng-A-T	53	chr10:105365850-105365950
chr10	105424450	105424550	901-Lng-D-T	83	chr10:105424450-105424550
chr10	105442450	105442550	1152-Lng-A-T	331	chr10:105442450-105442550
chr10	105641950	105642050	1274-Lng-A-T	64	chr10:105641950-105642050
chr10	105727250	105727350	901-Lng-A-T	62	chr10:105727250-105727350
chr10	105763750	105763850	1065-Lng-A-T	59	chr10:105763750-105763850
chr10	106001350	106001450	1090-Lng-B-T	686	chr10:106001350-106001450
chr10	106262250	106262350	846-Lng-A-T	116	chr10:106262250-106262350
chr10	106350350	106350450	901-Lng-A-T	99	chr10:106350350-106350450
chr10	106485250	106485350	1065-Lng-A-T	489	chr10:106485250-106485350
chr10	106496250	106496350	901-Lng-B-T	53	chr10:106496250-106496350
chr10	107082050	107082150	901-Lng-C-T	56	chr10:107082050-107082150
chr10	107083050	107083150	1065-Lng-C-T	86	chr10:107083050-107083150
chr10	107212350	107212450	1152-Lng-A-T	56	chr10:107212350-107212450
chr10	107238150	107238250	901-Lng-A-T	56	chr10:107238150-107238250
chr10	107609650	107609750	1274-Lng-A-T	60	chr10:107609650-107609750
chr10	107640350	107640450	1065-Lng-A-T	60	chr10:107640350-107640450
chr10	107667050	107667150	1152-Lng-A-T	87	chr10:107667050-107667150
chr10	107691450	107691550	901-Lng-D-T	355	chr10:107691450-107691550
chr10	107716650	107716750	1274-Lng-A-T	57	chr10:107716650-107716750
chr10	107787350	107787450	1100-Lng-A-T	124	chr10:107787350-107787450
chr10	108145250	108145350	901-Lng-B-T	75	chr10:108145250-108145350
chr10	108328750	108328850	1065-Lng-C-T	79	chr10:108328750-108328850
chr10	108345050	108345150	1151-Lng-A-T	298	chr10:108345050-108345150
chr10	108456050	108456150	901-Lng-B-T	63	chr10:108456050-108456150
chr10	108467550	108467650	901-Lng-A-T	178	chr10:108467550-108467650
chr10	108533550	108533650	901-Lng-D-T	283	chr10:108533550-108533650
chr10	108637950	108638050	901-Lng-D-T	173	chr10:108637950-108638050
chr10	108891350	108891450	901-Lng-B-T	39	chr10:108891350-108891450
chr10	109201250	109201350	1274-Lng-A-T	51	chr10:109201250-109201350
chr10	109237250	109237350	901-Lng-C-T	33	chr10:109237250-109237350
chr10	109353050	109353150	1223-Lng-A-T	207	chr10:109353050-109353150
chr10	109502750	109502850	1090-Lng-A-T	98	chr10:109502750-109502850
chr10	109609050	109609150	1188-Lng-A-T	36	chr10:109609050-109609150
chr10	109673250	109673350	1065-Lng-B-T	62	chr10:109673250-109673350
chr10	109724850	109724950	1065-Lng-A-T	54	chr10:109724850-109724950
chr10	109753750	109753850	1004-Lng-A-T	58	chr10:109753750-109753850
chr10	109886150	109886250	1004-Lng-A-T	132	chr10:109886150-109886250
chr10	109914650	109914750	1072-Lng-A-T	322	chr10:109914650-109914750
chr10	110020150	110020250	1151-Lng-A-T	91	chr10:110020150-110020250
chr10	110195850	110195950	1223-Lng-A-T	127	chr10:110195850-110195950
chr10	110323650	110323750	1072-Lng-A-T	102	chr10:110323650-110323750

Table S2: SB Insertion regions

chr10	110395750	110395850	846-Lng-A-T	86	chr10:110395750-110395850
chr10	110405950	110406050	1151-Lng-A-T	56	chr10:110405950-110406050
chr10	110421650	110421750	1004-Lng-A-T	80	chr10:110421650-110421750
chr10	110485150	110485250	1065-Lng-B-T	91	chr10:110485150-110485250
chr10	110502250	110502350	901-Lng-A-T	77	chr10:110502250-110502350
chr10	110672950	110673050	1065-Lng-C-T	66	chr10:110672950-110673050
chr10	110920850	110920950	901-Lng-A-T	51	chr10:110920850-110920950
chr10	110926250	110926350	1223-Lng-A-T	80	chr10:110926250-110926350
chr10	110935850	110935950	1223-Lng-D-T	58	chr10:110935850-110935950
chr10	111094250	111094350	1004-Lng-A-T	97	chr10:111094250-111094350
chr10	111164950	111165050	1100-Lng-B-T	74	chr10:111164950-111165050
chr10	111421150	111421250	1151-Lng-A-T	57	chr10:111421150-111421250
chr10	111426350	111426450	901-Lng-B-T	235	chr10:111426350-111426450
chr10	111614050	111614150	1090-Lng-B-T	414	chr10:111614050-111614150
chr10	111657550	111657650	1152-Lng-A-T	132	chr10:111657550-111657650
chr10	111789050	111789150	1223-Lng-C-T	55	chr10:111789050-111789150
chr10	111790550	111790650	846-Lng-A-T	59	chr10:111790550-111790650
chr10	112108450	112108550	1065-Lng-B-T	48	chr10:112108450-112108550
chr10	112189350	112189450	1090-Lng-A-T	59	chr10:112189350-112189450
chr10	112264450	112264550	1072-Lng-A-T	54	chr10:112264450-112264550
chr10	112363450	112363550	1072-Lng-A-T	58	chr10:112363450-112363550
chr10	112367650	112367750	1090-Lng-A-T	99	chr10:112367650-112367750
chr10	112385150	112385250	1090-Lng-A-T	74	chr10:112385150-112385250
chr10	112683450	112683550	901-Lng-C-T	66	chr10:112683450-112683550
chr10	112732450	112732550	1151-Lng-A-T	222	chr10:112732450-112732550
chr10	113089950	113090050	1223-Lng-B-T	310	chr10:113089950-113090050
chr10	113645050	113645150	1100-Lng-A-T	54	chr10:113645050-113645150
chr10	113734450	113734550	1004-Lng-A-T	74	chr10:113734450-113734550
chr10	113791750	113791850	1072-Lng-A-T	53	chr10:113791750-113791850
chr10	113841950	113842050	1151-Lng-A-T	180	chr10:113841950-113842050
chr10	114106950	114107050	1100-Lng-A-T	141	chr10:114106950-114107050
chr10	114250450	114250550	1223-Lng-C-T	47	chr10:114250450-114250550
chr10	114263850	114263950	901-Lng-B-T	242	chr10:114263850-114263950
chr10	114363750	114363850	1151-Lng-A-T	54	chr10:114363750-114363850
chr10	114430850	114430950	901-Lng-C-T	62	chr10:114430850-114430950
chr10	114432550	114432650	901-Lng-C-T	46	chr10:114432550-114432650
chr10	114498550	114498650	1274-Lng-A-T	95	chr10:114498550-114498650
chr10	114608050	114608150	1274-Lng-A-T	116	chr10:114608050-114608150
chr10	114671850	114671950	1100-Lng-B-T	5364	chr10:114671850-114671950
chr10	114680750	114680850	1188-Lng-A-T	35	chr10:114680750-114680850
chr10	114736950	114737050	1090-Lng-A-T	51	chr10:114736950-114737050
chr10	114824450	114824550	1151-Lng-A-T	64	chr10:114824450-114824550
chr10	114836450	114836550	1151-Lng-A-T	54	chr10:114836450-114836550
chr10	114863450	114863550	1065-Lng-A-T	69	chr10:114863450-114863550
chr10	115246850	115246950	846-Lng-A-T	62	chr10:115246850-115246950
chr10	115257950	115258050	1223-Lng-C-T	130	chr10:115257950-115258050

Table S2: SB Insertion regions

chr10	115498350	115498450	1004-Lng-A-T	81	chr10:115498350-115498450
chr10	115973150	115973250	901-Lng-C-T	44	chr10:115973150-115973250
chr10	115976850	115976950	1223-Lng-B-T	62	chr10:115976850-115976950
chr10	115977050	115977150	1072-Lng-A-T	53	chr10:115977050-115977150
chr10	115987450	115987550	1274-Lng-A-T	61	chr10:115987450-115987550
chr10	115989650	115989750	1223-Lng-C-T	44	chr10:115989650-115989750
chr10	116003950	116004050	1090-Lng-A-T	699	chr10:116003950-116004050
chr10	116193750	116193850	1065-Lng-B-T	467	chr10:116193750-116193850
chr10	116219650	116219750	901-Lng-C-T	45	chr10:116219650-116219750
chr10	116488950	116489050	1223-Lng-B-T	161	chr10:116488950-116489050
chr10	116529350	116529450	1065-Lng-A-T	370	chr10:116529350-116529450
chr10	116548050	116548150	1274-Lng-A-T	63	chr10:116548050-116548150
chr10	116809950	116810050	1274-Lng-A-T	73	chr10:116809950-116810050
chr10	116830250	116830350	1090-Lng-B-T	907	chr10:116830250-116830350
chr10	117029150	117029250	901-Lng-D-T	130	chr10:117029150-117029250
chr10	117109650	117109750	1065-Lng-A-T	1216	chr10:117109650-117109750
chr10	117252150	117252250	901-Lng-C-T	30	chr10:117252150-117252250
chr10	117353550	117353650	1167-Lng-A-T	794	chr10:117353550-117353650
chr10	117387950	117388050	1072-Lng-A-T	68	chr10:117387950-117388050
chr10	117529050	117529150	901-Lng-A-T	50	chr10:117529050-117529150
chr10	117686050	117686150	901-Lng-A-T	79	chr10:117686050-117686150
chr10	117988350	117988450	901-Lng-B-T	309	chr10:117988350-117988450
chr10	118160550	118160650	1065-Lng-A-T	45	chr10:118160550-118160650
chr10	118167350	118167450	1065-Lng-A-T	106	chr10:118167350-118167450
chr10	118299350	118299450	1223-Lng-B-T	48	chr10:118299350-118299450
chr10	118321950	118322050	1274-Lng-A-T	174	chr10:118321950-118322050
chr10	118391150	118391250	1274-Lng-A-T	64	chr10:118391150-118391250
chr10	118643450	118643550	1223-Lng-A-T	100	chr10:118643450-118643550
chr10	118669850	118669950	1274-Lng-A-T	144	chr10:118669850-118669950
chr10	118675450	118675550	1167-Lng-A-T	93	chr10:118675450-118675550
chr10	118689750	118689850	1072-Lng-A-T	54	chr10:118689750-118689850
chr10	118808250	118808350	901-Lng-C-T	66	chr10:118808250-118808350
chr10	119035750	119035850	1065-Lng-C-T	70	chr10:119035750-119035850
chr10	119322650	119322750	1167-Lng-A-T	149	chr10:119322650-119322750
chr10	119643350	119643450	1223-Lng-C-T	50	chr10:119643350-119643450
chr10	119644650	119644750	1100-Lng-A-T	114	chr10:119644650-119644750
chr10	119646950	119647050	1090-Lng-A-T	80	chr10:119646950-119647050
chr10	119971250	119971350	1072-Lng-A-T	104	chr10:119971250-119971350
chr10	120059650	120059750	1152-Lng-A-T	172	chr10:120059650-120059750
chr10	120298750	120298850	1152-Lng-A-T	41	chr10:120298750-120298850
chr10	120408350	120408450	1100-Lng-A-T	127	chr10:120408350-120408450
chr10	120456950	120457050	901-Lng-B-T	74	chr10:120456950-120457050
chr10	120669150	120669250	1065-Lng-A-T	101	chr10:120669150-120669250
chr10	120803950	120804050	1004-Lng-A-T	117	chr10:120803950-120804050
chr10	120920950	120921050	1065-Lng-C-T	93	chr10:120920950-120921050
chr10	121022750	121022850	1223-Lng-D-T	107	chr10:121022750-121022850

Table S2: SB Insertion regions

chr10	121095450	121095550	901-Lng-C-T	44	chr10:121095450-121095550
chr10	121687850	121687950	1223-Lng-D-T	45	chr10:121687850-121687950
chr10	121823750	121823850	1188-Lng-A-T	36	chr10:121823750-121823850
chr10	121879550	121879650	1223-Lng-C-T	51	chr10:121879550-121879650
chr10	122134950	122135050	1100-Lng-A-T	69	chr10:122134950-122135050
chr10	122150950	122151050	1004-Lng-A-T	76	chr10:122150950-122151050
chr10	122162750	122162850	1065-Lng-A-T	37	chr10:122162750-122162850
chr10	122249250	122249350	1072-Lng-A-T	63	chr10:122249250-122249350
chr10	122427250	122427350	901-Lng-A-T	102	chr10:122427250-122427350
chr10	122529050	122529150	1167-Lng-A-T	232	chr10:122529050-122529150
chr10	122549850	122549950	1167-Lng-A-T	114	chr10:122549850-122549950
chr10	122552850	122552950	1065-Lng-C-T	93	chr10:122552850-122552950
chr10	122584950	122585050	1072-Lng-A-T	146	chr10:122584950-122585050
chr10	122591250	122591350	1100-Lng-A-T	204	chr10:122591250-122591350
chr10	122593350	122593450	1065-Lng-B-T	49	chr10:122593350-122593450
chr10	122680650	122680750	1065-Lng-B-T	59	chr10:122680650-122680750
chr10	122902850	122902950	901-Lng-C-T	85	chr10:122902850-122902950
chr10	122956750	122956850	1065-Lng-B-T	75	chr10:122956750-122956850
chr10	123083750	123083850	1065-Lng-B-T	68	chr10:123083750-123083850
chr10	123159750	123159850	901-Lng-B-T	188	chr10:123159750-123159850
chr10	123624650	123624750	1167-Lng-A-T	921	chr10:123624650-123624750
chr10	123652750	123652850	846-Lng-A-T	115	chr10:123652750-123652850
chr10	124151950	124152050	846-Lng-A-T	112	chr10:124151950-124152050
chr10	124271450	124271550	1152-Lng-A-T	39	chr10:124271450-124271550
chr10	124273950	124274050	846-Lng-A-T	113	chr10:124273950-124274050
chr10	124385650	124385750	1090-Lng-A-T	64	chr10:124385650-124385750
chr10	124395550	124395650	1090-Lng-A-T	46	chr10:124395550-124395650
chr10	124435850	124435950	1152-Lng-A-T	62	chr10:124435850-124435950
chr10	124453450	124453550	901-Lng-C-T	51	chr10:124453450-124453550
chr10	124497350	124497450	1004-Lng-A-T	67	chr10:124497350-124497450
chr10	124578950	124579050	1223-Lng-C-T	43	chr10:124578950-124579050
chr10	124664150	124664250	1065-Lng-A-T	86	chr10:124664150-124664250
chr10	124695550	124695650	1072-Lng-A-T	49	chr10:124695550-124695650
chr10	124737350	124737450	1065-Lng-A-T	52	chr10:124737350-124737450
chr10	125133150	125133250	901-Lng-A-T	212	chr10:125133150-125133250
chr10	125473850	125473950	1065-Lng-A-T	50	chr10:125473850-125473950
chr10	125887150	125887250	1065-Lng-B-T	75	chr10:125887150-125887250
chr10	126003750	126003850	901-Lng-A-T	93	chr10:126003750-126003850
chr10	126337550	126337650	1100-Lng-A-T	229	chr10:126337550-126337650
chr10	126560550	126560650	1065-Lng-A-T	58	chr10:126560550-126560650
chr10	126592950	126593050	901-Lng-C-T	34	chr10:126592950-126593050
chr10	126708350	126708450	1274-Lng-A-T	59	chr10:126708350-126708450
chr10	126766950	126767050	1274-Lng-A-T	52	chr10:126766950-126767050
chr10	126864150	126864250	1188-Lng-A-T	213	chr10:126864150-126864250
chr10	126929150	126929250	1152-Lng-A-T	314	chr10:126929150-126929250
chr10	127126350	127126450	901-Lng-C-T	228	chr10:127126350-127126450

Table S2: SB Insertion regions

chr10	127424550	127424650	1065-Lng-A-T	34	chr10:127424550-127424650
chr10	127457750	127457850	1151-Lng-A-T	64	chr10:127457750-127457850
chr10	127474850	127474950	1223-Lng-D-T	68	chr10:127474850-127474950
chr10	127542250	127542350	1223-Lng-A-T	290	chr10:127542250-127542350
chr10	127621150	127621250	1223-Lng-B-T	35	chr10:127621150-127621250
chr10	127630150	127630250	1065-Lng-B-T	48	chr10:127630150-127630250
chr10	127719350	127719450	1151-Lng-A-T	72	chr10:127719350-127719450
chr10	127784850	127784950	1152-Lng-A-T	45	chr10:127784850-127784950
chr10	127804650	127804750	901-Lng-C-T	143	chr10:127804650-127804750
chr10	127852850	127852950	1090-Lng-B-T	83	chr10:127852850-127852950
chr10	127880450	127880550	901-Lng-A-T	106	chr10:127880450-127880550
chr10	127971550	127971650	901-Lng-C-T	75	chr10:127971550-127971650
chr10	128047850	128047950	1100-Lng-A-T	91	chr10:128047850-128047950
chr10	128060850	128060950	901-Lng-D-T	125	chr10:128060850-128060950
chr10	128128850	128128950	1188-Lng-A-T	74	chr10:128128850-128128950
chr10	128189950	128190050	1274-Lng-A-T	135	chr10:128189950-128190050
chr10	128264150	128264250	1100-Lng-A-T	77	chr10:128264150-128264250
chr10	128269550	128269650	1065-Lng-B-T	70	chr10:128269550-128269650
chr10	128303250	128303350	1065-Lng-B-T	55	chr10:128303250-128303350
chr10	128322850	128322950	1274-Lng-A-T	60	chr10:128322850-128322950
chr10	128537950	128538050	1223-Lng-B-T	188	chr10:128537950-128538050
chr10	128618650	128618750	901-Lng-D-T	81	chr10:128618650-128618750
chr10	128708850	128708950	1223-Lng-A-T	170	chr10:128708850-128708950
chr10	128795650	128795750	1223-Lng-C-T	43	chr10:128795650-128795750
chr10	128834950	128835050	1152-Lng-A-T	254	chr10:128834950-128835050
chr10	129068850	129068950	1223-Lng-D-T	48	chr10:129068850-129068950
chr10	129094950	129095050	1152-Lng-A-T	36	chr10:129094950-129095050
chr10	129343750	129343850	1065-Lng-A-T	60	chr10:129343750-129343850
chr10	129347750	129347850	901-Lng-C-T	61	chr10:129347750-129347850
chr10	129351050	129351150	1152-Lng-A-T	34	chr10:129351050-129351150
chr10	129517550	129517650	846-Lng-A-T	189	chr10:129517550-129517650
chr10	129552450	129552550	1188-Lng-A-T	140	chr10:129552450-129552550
chr10	129662850	129662950	1065-Lng-C-T	86	chr10:129662850-129662950
chr10	129888850	129888950	901-Lng-A-T	176	chr10:129888850-129888950
chr10	129983450	129983550	901-Lng-C-T	33	chr10:129983450-129983550
chr11	3001850	3001950	1065-Lng-B-T	58	chr11:3001850-3001950
chr11	3030350	3030450	901-Lng-B-T	130	chr11:3030350-3030450
chr11	3031450	3031550	1090-Lng-A-T	68	chr11:3031450-3031550
chr11	3042150	3042250	1090-Lng-A-T	82	chr11:3042150-3042250
chr11	3046450	3046550	1223-Lng-D-T	78	chr11:3046450-3046550
chr11	3046550	3046650	1065-Lng-B-T	75	chr11:3046550-3046650
chr11	3048550	3048650	1100-Lng-B-T	78	chr11:3048550-3048650
chr11	3049650	3049750	1065-Lng-B-T	45	chr11:3049650-3049750
chr11	3052450	3052550	901-Lng-B-T	184	chr11:3052450-3052550
chr11	3061250	3061350	1090-Lng-A-T	309	chr11:3061250-3061350
chr11	3065150	3065250	1167-Lng-A-T	67	chr11:3065150-3065250

Table S2: SB Insertion regions

chr11	3072550	3072650	1090-Lng-A-T	61	chr11:3072550-3072650
chr11	3072850	3072950	1065-Lng-B-T	63	chr11:3072850-3072950
chr11	3076150	3076250	1065-Lng-B-T	41	chr11:3076150-3076250
chr11	3099750	3099850	1065-Lng-B-T	251	chr11:3099750-3099850
chr11	3112250	3112350	1151-Lng-A-T	66	chr11:3112250-3112350
chr11	3118550	3118650	1223-Lng-A-T	72	chr11:3118550-3118650
chr11	3171550	3171650	901-Lng-C-T	192	chr11:3171550-3171650
chr11	3247150	3247250	1004-Lng-A-T	65	chr11:3247150-3247250
chr11	3262250	3262350	1100-Lng-A-T	53	chr11:3262250-3262350
chr11	3322550	3322650	1065-Lng-A-T	58	chr11:3322550-3322650
chr11	3348650	3348750	1223-Lng-A-T	1087	chr11:3348650-3348750
chr11	3536850	3536950	1065-Lng-C-T	121	chr11:3536850-3536950
chr11	3586650	3586750	901-Lng-D-T	296	chr11:3586650-3586750
chr11	3799150	3799250	901-Lng-D-T	330	chr11:3799150-3799250
chr11	3846050	3846150	1167-Lng-A-T	146	chr11:3846050-3846150
chr11	3894250	3894350	1065-Lng-C-T	3659	chr11:3894250-3894350
chr11	3967850	3967950	1100-Lng-A-T	52	chr11:3967850-3967950
chr11	4102950	4103050	1065-Lng-C-T	103	chr11:4102950-4103050
chr11	4436650	4436750	1100-Lng-A-T	133	chr11:4436650-4436750
chr11	4445750	4445850	1152-Lng-A-T	51	chr11:4445750-4445850
chr11	4468650	4468750	1151-Lng-A-T	56	chr11:4468650-4468750
chr11	4479050	4479150	1100-Lng-A-T	83	chr11:4479050-4479150
chr11	4487750	4487850	901-Lng-B-T	128	chr11:4487750-4487850
chr11	4490850	4490950	1188-Lng-A-T	271	chr11:4490850-4490950
chr11	4498950	4499050	1223-Lng-C-T	98	chr11:4498950-4499050
chr11	4538850	4538950	846-Lng-A-T	80	chr11:4538850-4538950
chr11	4596850	4596950	1188-Lng-A-T	255	chr11:4596850-4596950
chr11	4643050	4643150	901-Lng-A-T	57	chr11:4643050-4643150
chr11	4719350	4719450	1100-Lng-A-T	117	chr11:4719350-4719450
chr11	4967950	4968050	1167-Lng-A-T	60	chr11:4967950-4968050
chr11	4997150	4997250	1223-Lng-D-T	47	chr11:4997150-4997250
chr11	5135850	5135950	1151-Lng-A-T	150	chr11:5135850-5135950
chr11	5151650	5151750	901-Lng-A-T	58	chr11:5151650-5151750
chr11	5223150	5223250	1274-Lng-A-T	69	chr11:5223150-5223250
chr11	5253850	5253950	1072-Lng-A-T	143	chr11:5253850-5253950
chr11	5319750	5319850	1151-Lng-A-T	68	chr11:5319750-5319850
chr11	5417850	5417950	1188-Lng-A-T	43	chr11:5417850-5417950
chr11	5577450	5577550	1223-Lng-A-T	118	chr11:5577450-5577550
chr11	5734150	5734250	1188-Lng-A-T	267	chr11:5734150-5734250
chr11	5781250	5781350	846-Lng-A-T	201	chr11:5781250-5781350
chr11	5831450	5831550	1004-Lng-A-T	52	chr11:5831450-5831550
chr11	5903750	5903850	1065-Lng-C-T	160	chr11:5903750-5903850
chr11	6092150	6092250	1152-Lng-A-T	50	chr11:6092150-6092250
chr11	6199450	6199550	1223-Lng-C-T	4018	chr11:6199450-6199550
chr11	6207950	6208050	1100-Lng-A-T	67	chr11:6207950-6208050
chr11	6237850	6237950	1065-Lng-C-T	89	chr11:6237850-6237950

Table S2: SB Insertion regions

chr11	6290450	6290550	1274-Lng-A-T	86	chr11:6290450-6290550
chr11	6314650	6314750	1065-Lng-C-T	86	chr11:6314650-6314750
chr11	6332150	6332250	846-Lng-A-T	112	chr11:6332150-6332250
chr11	6415250	6415350	1100-Lng-B-T	142	chr11:6415250-6415350
chr11	6472350	6472450	1090-Lng-A-T	66	chr11:6472350-6472450
chr11	6472450	6472550	1100-Lng-A-T	72	chr11:6472450-6472550
chr11	6473750	6473850	1004-Lng-A-T	49	chr11:6473750-6473850
chr11	6770350	6770450	901-Lng-C-T	33	chr11:6770350-6770450
chr11	6772250	6772350	1223-Lng-A-T	725	chr11:6772250-6772350
chr11	6807050	6807150	901-Lng-D-T	124	chr11:6807050-6807150
chr11	7074050	7074150	1072-Lng-A-T	75	chr11:7074050-7074150
chr11	7186550	7186650	846-Lng-A-T	125	chr11:7186550-7186650
chr11	7202850	7202950	901-Lng-A-T	91	chr11:7202850-7202950
chr11	7394350	7394450	846-Lng-A-T	478	chr11:7394350-7394450
chr11	7568450	7568550	1065-Lng-A-T	151	chr11:7568450-7568550
chr11	7605150	7605250	1274-Lng-A-T	64	chr11:7605150-7605250
chr11	7765950	7766050	901-Lng-A-T	93	chr11:7765950-7766050
chr11	8024450	8024550	901-Lng-A-T	144	chr11:8024450-8024550
chr11	8040150	8040250	1065-Lng-C-T	114	chr11:8040150-8040250
chr11	8401850	8401950	1151-Lng-A-T	200	chr11:8401850-8401950
chr11	8418550	8418650	1065-Lng-B-T	62	chr11:8418550-8418650
chr11	8457050	8457150	901-Lng-D-T	168	chr11:8457050-8457150
chr11	8535550	8535650	1274-Lng-A-T	51	chr11:8535550-8535650
chr11	8845950	8846050	1152-Lng-A-T	109	chr11:8845950-8846050
chr11	9099350	9099450	1223-Lng-D-T	44	chr11:9099350-9099450
chr11	9192450	9192550	1065-Lng-C-T	101	chr11:9192450-9192550
chr11	9225850	9225950	1065-Lng-A-T	96	chr11:9225850-9225950
chr11	9241650	9241750	1152-Lng-A-T	60	chr11:9241650-9241750
chr11	9495750	9495850	901-Lng-D-T	203	chr11:9495750-9495850
chr11	9498550	9498650	1223-Lng-B-T	38	chr11:9498550-9498650
chr11	9563150	9563250	901-Lng-C-T	39	chr11:9563150-9563250
chr11	9619550	9619650	901-Lng-A-T	60	chr11:9619550-9619650
chr11	9674650	9674750	1072-Lng-A-T	53	chr11:9674650-9674750
chr11	9675650	9675750	1065-Lng-C-T	61	chr11:9675650-9675750
chr11	9692350	9692450	1065-Lng-C-T	86	chr11:9692350-9692450
chr11	9699250	9699350	1072-Lng-A-T	190	chr11:9699250-9699350
chr11	9740050	9740150	901-Lng-A-T	86	chr11:9740050-9740150
chr11	9864650	9864750	1065-Lng-C-T	62	chr11:9864650-9864750
chr11	9951050	9951150	1065-Lng-A-T	46	chr11:9951050-9951150
chr11	9973950	9974050	1072-Lng-A-T	69	chr11:9973950-9974050
chr11	9974350	9974450	1072-Lng-A-T	107	chr11:9974350-9974450
chr11	10093350	10093450	1223-Lng-C-T	50	chr11:10093350-10093450
chr11	10143550	10143650	901-Lng-B-T	291	chr11:10143550-10143650
chr11	10426950	10427050	1065-Lng-C-T	63	chr11:10426950-10427050
chr11	10440550	10440650	1004-Lng-A-T	72	chr11:10440550-10440650
chr11	10498450	10498550	901-Lng-B-T	137	chr11:10498450-10498550

Table S2: SB Insertion regions

chr11	10551250	10551350	1188-Lng-A-T	44	chr11:10551250-10551350
chr11	10551550	10551650	1090-Lng-A-T	95	chr11:10551550-10551650
chr11	10634150	10634250	901-Lng-B-T	76	chr11:10634150-10634250
chr11	10702850	10702950	1223-Lng-D-T	57	chr11:10702850-10702950
chr11	10800650	10800750	1100-Lng-A-T	92	chr11:10800650-10800750
chr11	10805650	10805750	1065-Lng-C-T	89	chr11:10805650-10805750
chr11	10821950	10822050	1065-Lng-C-T	65	chr11:10821950-10822050
chr11	11078550	11078650	1100-Lng-B-T	54	chr11:11078550-11078650
chr11	11083050	11083150	901-Lng-D-T	70	chr11:11083050-11083150
chr11	11285150	11285250	1065-Lng-C-T	70	chr11:11285150-11285250
chr11	11328950	11329050	1223-Lng-D-T	52	chr11:11328950-11329050
chr11	11609150	11609250	1167-Lng-A-T	69	chr11:11609150-11609250
chr11	11895250	11895350	1274-Lng-A-T	173	chr11:11895250-11895350
chr11	11899250	11899350	1065-Lng-B-T	51	chr11:11899250-11899350
chr11	12006950	12007050	1065-Lng-C-T	2237	chr11:12006950-12007050
chr11	12069650	12069750	901-Lng-D-T	360	chr11:12069650-12069750
chr11	12137050	12137150	1072-Lng-A-T	73	chr11:12137050-12137150
chr11	12137550	12137650	901-Lng-B-T	169	chr11:12137550-12137650
chr11	12151850	12151950	1004-Lng-A-T	173	chr11:12151850-12151950
chr11	12164850	12164950	1100-Lng-A-T	104	chr11:12164850-12164950
chr11	12187550	12187650	1090-Lng-A-T	88	chr11:12187550-12187650
chr11	12203750	12203850	1004-Lng-A-T	55	chr11:12203750-12203850
chr11	12265750	12265850	901-Lng-A-T	67	chr11:12265750-12265850
chr11	12287150	12287250	1188-Lng-A-T	39	chr11:12287150-12287250
chr11	12297850	12297950	1223-Lng-A-T	73	chr11:12297850-12297950
chr11	12319750	12319850	901-Lng-C-T	53	chr11:12319750-12319850
chr11	12429250	12429350	1065-Lng-C-T	73	chr11:12429250-12429350
chr11	12507650	12507750	1065-Lng-A-T	46	chr11:12507650-12507750
chr11	12507650	12507750	1065-Lng-C-T	906	chr11:12507650-12507750
chr11	12591650	12591750	846-Lng-A-T	61	chr11:12591650-12591750
chr11	12603750	12603850	1152-Lng-A-T	189	chr11:12603750-12603850
chr11	12998150	12998250	1223-Lng-B-T	307	chr11:12998150-12998250
chr11	12998950	12999050	1223-Lng-D-T	88	chr11:12998950-12999050
chr11	13116450	13116550	1090-Lng-A-T	68	chr11:13116450-13116550
chr11	13142350	13142450	1072-Lng-A-T	88	chr11:13142350-13142450
chr11	13383350	13383450	1065-Lng-C-T	99	chr11:13383350-13383450
chr11	13398050	13398150	1065-Lng-C-T	138	chr11:13398050-13398150
chr11	13400250	13400350	1065-Lng-C-T	73	chr11:13400250-13400350
chr11	13561950	13562050	1223-Lng-D-T	41	chr11:13561950-13562050
chr11	13854550	13854650	901-Lng-C-T	47	chr11:13854550-13854650
chr11	14039050	14039150	1065-Lng-A-T	58	chr11:14039050-14039150
chr11	14311050	14311150	1072-Lng-A-T	125	chr11:14311050-14311150
chr11	14393150	14393250	1090-Lng-A-T	46	chr11:14393150-14393250
chr11	14790050	14790150	1090-Lng-A-T	44	chr11:14790050-14790150
chr11	15002750	15002850	901-Lng-A-T	172	chr11:15002750-15002850
chr11	15146550	15146650	1065-Lng-C-T	64	chr11:15146550-15146650

Table S2: SB Insertion regions

chr11	15264750	15264850	1152-Lng-A-T	54	chr11:15264750-15264850
chr11	15356450	15356550	1065-Lng-B-T	51	chr11:15356450-15356550
chr11	15711650	15711750	1065-Lng-A-T	72	chr11:15711650-15711750
chr11	15800850	15800950	901-Lng-B-T	130	chr11:15800850-15800950
chr11	16092350	16092450	1223-Lng-A-T	51	chr11:16092350-16092450
chr11	16323550	16323650	1100-Lng-A-T	103	chr11:16323550-16323650
chr11	16433150	16433250	1100-Lng-A-T	78	chr11:16433150-16433250
chr11	16437550	16437650	1004-Lng-A-T	54	chr11:16437550-16437650
chr11	16538250	16538350	1072-Lng-A-T	145	chr11:16538250-16538350
chr11	16583150	16583250	1223-Lng-B-T	36	chr11:16583150-16583250
chr11	16604850	16604950	1223-Lng-B-T	58	chr11:16604850-16604950
chr11	16668450	16668550	1274-Lng-A-T	50	chr11:16668450-16668550
chr11	16792350	16792450	1223-Lng-B-T	37	chr11:16792350-16792450
chr11	17045450	17045550	901-Lng-B-T	117	chr11:17045450-17045550
chr11	17060550	17060650	901-Lng-C-T	30	chr11:17060550-17060650
chr11	17070650	17070750	1223-Lng-C-T	43	chr11:17070650-17070750
chr11	17070750	17070850	1223-Lng-C-T	116	chr11:17070750-17070850
chr11	17079750	17079850	1223-Lng-A-T	131	chr11:17079750-17079850
chr11	17091350	17091450	846-Lng-A-T	277	chr11:17091350-17091450
chr11	17644150	17644250	901-Lng-C-T	139	chr11:17644150-17644250
chr11	17822750	17822850	901-Lng-A-T	773	chr11:17822750-17822850
chr11	18184150	18184250	846-Lng-A-T	67	chr11:18184150-18184250
chr11	18330750	18330850	1065-Lng-B-T	49	chr11:18330750-18330850
chr11	18337350	18337450	1065-Lng-C-T	99	chr11:18337350-18337450
chr11	18407650	18407750	1188-Lng-A-T	36	chr11:18407650-18407750
chr11	18440250	18440350	1274-Lng-A-T	79	chr11:18440250-18440350
chr11	18727850	18727950	1100-Lng-A-T	61	chr11:18727850-18727950
chr11	18796250	18796350	1188-Lng-A-T	51	chr11:18796250-18796350
chr11	18828850	18828950	1152-Lng-A-T	55	chr11:18828850-18828950
chr11	19012150	19012250	1223-Lng-A-T	109	chr11:19012150-19012250
chr11	19572150	19572250	1223-Lng-A-T	81	chr11:19572150-19572250
chr11	19616350	19616450	1072-Lng-A-T	154	chr11:19616350-19616450
chr11	19799550	19799650	1223-Lng-B-T	281	chr11:19799550-19799650
chr11	19828950	19829050	1223-Lng-B-T	36	chr11:19828950-19829050
chr11	19893750	19893850	1151-Lng-A-T	59	chr11:19893750-19893850
chr11	19937050	19937150	1188-Lng-A-T	50	chr11:19937050-19937150
chr11	19972450	19972550	1274-Lng-A-T	81	chr11:19972450-19972550
chr11	19985750	19985850	1274-Lng-A-T	52	chr11:19985750-19985850
chr11	19987950	19988050	901-Lng-C-T	170	chr11:19987950-19988050
chr11	19990350	19990450	1072-Lng-A-T	48	chr11:19990350-19990450
chr11	19994850	19994950	1223-Lng-C-T	47	chr11:19994850-19994950
chr11	19998250	19998350	1152-Lng-A-T	137	chr11:19998250-19998350
chr11	20007150	20007250	1090-Lng-A-T	78	chr11:20007150-20007250
chr11	20008650	20008750	1223-Lng-D-T	1265	chr11:20008650-20008750
chr11	20086650	20086750	901-Lng-C-T	179	chr11:20086650-20086750
chr11	20105550	20105650	1274-Lng-A-T	120	chr11:20105550-20105650

Table S2: SB Insertion regions

chr11	20113050	20113150	1090-Lng-A-T	45	chr11:20113050-20113150
chr11	20114750	20114850	901-Lng-C-T	31	chr11:20114750-20114850
chr11	20120350	20120450	1223-Lng-B-T	277	chr11:20120350-20120450
chr11	20120350	20120450	901-Lng-B-T	69	chr11:20120350-20120450
chr11	20125350	20125450	1090-Lng-A-T	1220	chr11:20125350-20125450
chr11	20133650	20133750	1100-Lng-A-T	90	chr11:20133650-20133750
chr11	20458150	20458250	901-Lng-B-T	177	chr11:20458150-20458250
chr11	20461750	20461850	901-Lng-A-T	67	chr11:20461750-20461850
chr11	20588850	20588950	1274-Lng-A-T	79	chr11:20588850-20588950
chr11	20599550	20599650	1274-Lng-A-T	158	chr11:20599550-20599650
chr11	20618650	20618750	1065-Lng-A-T	68	chr11:20618650-20618750
chr11	20730050	20730150	846-Lng-A-T	102	chr11:20730050-20730150
chr11	20917850	20917950	1223-Lng-D-T	163	chr11:20917850-20917950
chr11	20963150	20963250	1072-Lng-A-T	72	chr11:20963150-20963250
chr11	21010550	21010650	1100-Lng-A-T	232	chr11:21010550-21010650
chr11	21011450	21011550	1065-Lng-A-T	53	chr11:21011450-21011550
chr11	21014850	21014950	1100-Lng-B-T	65	chr11:21014850-21014950
chr11	21035150	21035250	1223-Lng-C-T	50	chr11:21035150-21035250
chr11	21039850	21039950	1188-Lng-A-T	63	chr11:21039850-21039950
chr11	21164850	21164950	1065-Lng-B-T	44	chr11:21164850-21164950
chr11	21170150	21170250	1004-Lng-A-T	66	chr11:21170150-21170250
chr11	21175550	21175650	1100-Lng-A-T	69	chr11:21175550-21175650
chr11	21182950	21183050	1274-Lng-A-T	64	chr11:21182950-21183050
chr11	21187550	21187650	1223-Lng-A-T	116	chr11:21187550-21187650
chr11	21188550	21188650	1274-Lng-A-T	77	chr11:21188550-21188650
chr11	21199550	21199650	1072-Lng-A-T	49	chr11:21199550-21199650
chr11	21199650	21199750	1188-Lng-A-T	63	chr11:21199650-21199750
chr11	21206150	21206250	1065-Lng-B-T	43	chr11:21206150-21206250
chr11	21233150	21233250	1090-Lng-B-T	62	chr11:21233150-21233250
chr11	21340850	21340950	1090-Lng-A-T	44	chr11:21340850-21340950
chr11	21466350	21466450	1090-Lng-B-T	374	chr11:21466350-21466450
chr11	21518850	21518950	1274-Lng-A-T	50	chr11:21518850-21518950
chr11	21591650	21591750	1090-Lng-B-T	67	chr11:21591650-21591750
chr11	21940650	21940750	1188-Lng-A-T	90	chr11:21940650-21940750
chr11	21940750	21940850	1065-Lng-A-T	64	chr11:21940750-21940850
chr11	21968050	21968150	901-Lng-B-T	54	chr11:21968050-21968150
chr11	22055750	22055850	1223-Lng-D-T	53	chr11:22055750-22055850
chr11	22146450	22146550	1065-Lng-C-T	70	chr11:22146450-22146550
chr11	22543950	22544050	901-Lng-C-T	74	chr11:22543950-22544050
chr11	22547750	22547850	846-Lng-A-T	53	chr11:22547750-22547850
chr11	22595350	22595450	1065-Lng-C-T	64	chr11:22595350-22595450
chr11	22754950	22755050	1100-Lng-A-T	80	chr11:22754950-22755050
chr11	22780850	22780950	901-Lng-D-T	69	chr11:22780850-22780950
chr11	22835750	22835850	1090-Lng-A-T	71	chr11:22835750-22835850
chr11	22894150	22894250	1152-Lng-A-T	40	chr11:22894150-22894250
chr11	23081750	23081850	1100-Lng-A-T	87	chr11:23081750-23081850

Table S2: SB Insertion regions

chr11	23242650	23242750	1072-Lng-A-T	194	chr11:23242650-23242750
chr11	23262350	23262450	1152-Lng-A-T	104	chr11:23262350-23262450
chr11	23281350	23281450	1090-Lng-B-T	495	chr11:23281350-23281450
chr11	23281350	23281450	901-Lng-B-T	242	chr11:23281350-23281450
chr11	23296150	23296250	901-Lng-A-T	403	chr11:23296150-23296250
chr11	23336150	23336250	1004-Lng-A-T	61	chr11:23336150-23336250
chr11	23343850	23343950	1065-Lng-C-T	498	chr11:23343850-23343950
chr11	23344650	23344750	901-Lng-C-T	179	chr11:23344650-23344750
chr11	23364650	23364750	1004-Lng-A-T	88	chr11:23364650-23364750
chr11	23510150	23510250	1167-Lng-A-T	141	chr11:23510150-23510250
chr11	23561750	23561850	901-Lng-B-T	209	chr11:23561750-23561850
chr11	23784850	23784950	1188-Lng-A-T	43	chr11:23784850-23784950
chr11	23846050	23846150	901-Lng-A-T	61	chr11:23846050-23846150
chr11	23850350	23850450	846-Lng-A-T	42	chr11:23850350-23850450
chr11	24055550	24055650	1223-Lng-A-T	55	chr11:24055550-24055650
chr11	24407250	24407350	1065-Lng-A-T	117	chr11:24407250-24407350
chr11	24431350	24431450	1223-Lng-C-T	44	chr11:24431350-24431450
chr11	24765950	24766050	1065-Lng-B-T	40	chr11:24765950-24766050
chr11	25157850	25157950	901-Lng-A-T	78	chr11:25157850-25157950
chr11	25277450	25277550	1065-Lng-A-T	82	chr11:25277450-25277550
chr11	25306650	25306750	846-Lng-A-T	3313	chr11:25306650-25306750
chr11	25345850	25345950	901-Lng-B-T	185	chr11:25345850-25345950
chr11	25499550	25499650	1152-Lng-A-T	114	chr11:25499550-25499650
chr11	25514450	25514550	1065-Lng-C-T	67	chr11:25514450-25514550
chr11	25841250	25841350	1152-Lng-A-T	103	chr11:25841250-25841350
chr11	25844450	25844550	846-Lng-A-T	127	chr11:25844450-25844550
chr11	25892350	25892450	1152-Lng-A-T	79	chr11:25892350-25892450
chr11	25959350	25959450	1004-Lng-A-T	62	chr11:25959350-25959450
chr11	26238850	26238950	1223-Lng-A-T	108	chr11:26238850-26238950
chr11	26248950	26249050	1065-Lng-B-T	54	chr11:26248950-26249050
chr11	26373850	26373950	1152-Lng-A-T	67	chr11:26373850-26373950
chr11	26692750	26692850	1065-Lng-B-T	58	chr11:26692750-26692850
chr11	26774450	26774550	1072-Lng-A-T	132	chr11:26774450-26774550
chr11	26789350	26789450	846-Lng-A-T	87	chr11:26789350-26789450
chr11	26802950	26803050	1065-Lng-B-T	90	chr11:26802950-26803050
chr11	27007650	27007750	1065-Lng-A-T	94	chr11:27007650-27007750
chr11	27118750	27118850	1151-Lng-A-T	119	chr11:27118750-27118850
chr11	27175850	27175950	1223-Lng-B-T	36	chr11:27175850-27175950
chr11	27300450	27300550	1152-Lng-A-T	227	chr11:27300450-27300550
chr11	27367050	27367150	1223-Lng-A-T	87	chr11:27367050-27367150
chr11	27381750	27381850	1065-Lng-A-T	46	chr11:27381750-27381850
chr11	27393950	27394050	1188-Lng-A-T	35	chr11:27393950-27394050
chr11	27411850	27411950	1072-Lng-A-T	82	chr11:27411850-27411950
chr11	27495650	27495750	1004-Lng-A-T	60	chr11:27495650-27495750
chr11	27688150	27688250	1223-Lng-B-T	76	chr11:27688150-27688250
chr11	27732550	27732650	1152-Lng-A-T	219	chr11:27732550-27732650

Table S2: SB Insertion regions

chr11	27956350	27956450	1152-Lng-A-T	91	chr11:27956350-27956450
chr11	28117850	28117950	1065-Lng-A-T	65	chr11:28117850-28117950
chr11	28170050	28170150	1065-Lng-C-T	61	chr11:28170050-28170150
chr11	28275050	28275150	1065-Lng-C-T	74	chr11:28275050-28275150
chr11	28292850	28292950	901-Lng-B-T	161	chr11:28292850-28292950
chr11	28321950	28322050	1065-Lng-C-T	73	chr11:28321950-28322050
chr11	28424950	28425050	846-Lng-A-T	123	chr11:28424950-28425050
chr11	28446550	28446650	1274-Lng-A-T	84	chr11:28446550-28446650
chr11	28587350	28587450	1004-Lng-A-T	70	chr11:28587350-28587450
chr11	28755850	28755950	1065-Lng-A-T	75	chr11:28755850-28755950
chr11	28766350	28766450	1065-Lng-B-T	51	chr11:28766350-28766450
chr11	28827550	28827650	1167-Lng-A-T	78	chr11:28827550-28827650
chr11	29060050	29060150	1223-Lng-B-T	137	chr11:29060050-29060150
chr11	29074150	29074250	1100-Lng-A-T	109	chr11:29074150-29074250
chr11	29094750	29094850	1072-Lng-A-T	56	chr11:29094750-29094850
chr11	29122950	29123050	1223-Lng-D-T	48	chr11:29122950-29123050
chr11	29128550	29128650	1274-Lng-A-T	103	chr11:29128550-29128650
chr11	29132750	29132850	1090-Lng-A-T	61	chr11:29132750-29132850
chr11	29350650	29350750	1100-Lng-A-T	72	chr11:29350650-29350750
chr11	29445550	29445650	1151-Lng-A-T	217	chr11:29445550-29445650
chr11	29463450	29463550	1065-Lng-A-T	41	chr11:29463450-29463550
chr11	29605750	29605850	1090-Lng-A-T	385	chr11:29605750-29605850
chr11	29610650	29610750	846-Lng-A-T	86	chr11:29610650-29610750
chr11	29618650	29618750	1152-Lng-A-T	58	chr11:29618650-29618750
chr11	29638750	29638850	1065-Lng-B-T	57	chr11:29638750-29638850
chr11	29816350	29816450	1004-Lng-A-T	107	chr11:29816350-29816450
chr11	29823650	29823750	1065-Lng-A-T	88	chr11:29823650-29823750
chr11	29913150	29913250	1090-Lng-A-T	49	chr11:29913150-29913250
chr11	30001350	30001450	1065-Lng-A-T	54	chr11:30001350-30001450
chr11	30001550	30001650	1274-Lng-A-T	61	chr11:30001550-30001650
chr11	30008750	30008850	901-Lng-D-T	106	chr11:30008750-30008850
chr11	30009250	30009350	901-Lng-C-T	197	chr11:30009250-30009350
chr11	30068050	30068150	1223-Lng-D-T	40	chr11:30068050-30068150
chr11	30087650	30087750	1223-Lng-A-T	584	chr11:30087650-30087750
chr11	30090250	30090350	1090-Lng-B-T	87	chr11:30090250-30090350
chr11	30095850	30095950	1188-Lng-A-T	69	chr11:30095850-30095950
chr11	30099850	30099950	901-Lng-A-T	82	chr11:30099850-30099950
chr11	30104850	30104950	1004-Lng-A-T	64	chr11:30104850-30104950
chr11	30157550	30157650	1274-Lng-A-T	60	chr11:30157550-30157650
chr11	30163750	30163850	1090-Lng-A-T	60	chr11:30163750-30163850
chr11	30527350	30527450	1223-Lng-A-T	61	chr11:30527350-30527450
chr11	30684350	30684450	901-Lng-C-T	54	chr11:30684350-30684450
chr11	30685950	30686050	846-Lng-A-T	74	chr11:30685950-30686050
chr11	30695250	30695350	1274-Lng-A-T	135	chr11:30695250-30695350
chr11	30723850	30723950	1188-Lng-A-T	310	chr11:30723850-30723950
chr11	30744950	30745050	901-Lng-C-T	67	chr11:30744950-30745050

Table S2: SB Insertion regions

chr11	30751650	30751750	846-Lng-A-T	387	chr11:30751650-30751750
chr11	30760150	30760250	901-Lng-B-T	278	chr11:30760150-30760250
chr11	30776950	30777050	1223-Lng-A-T	168	chr11:30776950-30777050
chr11	30884650	30884750	901-Lng-C-T	46	chr11:30884650-30884750
chr11	30918550	30918650	901-Lng-A-T	264	chr11:30918550-30918650
chr11	30949950	30950050	1065-Lng-C-T	2786	chr11:30949950-30950050
chr11	30965650	30965750	1065-Lng-B-T	40	chr11:30965650-30965750
chr11	30984350	30984450	1274-Lng-A-T	120	chr11:30984350-30984450
chr11	31091450	31091550	846-Lng-A-T	62	chr11:31091450-31091550
chr11	31365850	31365950	1223-Lng-C-T	50	chr11:31365850-31365950
chr11	31613950	31614050	1223-Lng-A-T	95	chr11:31613950-31614050
chr11	31661050	31661150	1065-Lng-B-T	61	chr11:31661050-31661150
chr11	31694350	31694450	1065-Lng-C-T	90	chr11:31694350-31694450
chr11	31704650	31704750	1151-Lng-A-T	66	chr11:31704650-31704750
chr11	31775050	31775150	1167-Lng-A-T	116	chr11:31775050-31775150
chr11	31778550	31778650	901-Lng-D-T	139	chr11:31778550-31778650
chr11	31824450	31824550	1223-Lng-D-T	50	chr11:31824450-31824550
chr11	31899250	31899350	1188-Lng-A-T	84	chr11:31899250-31899350
chr11	32145150	32145250	1065-Lng-C-T	70	chr11:32145150-32145250
chr11	32149350	32149450	1274-Lng-A-T	102	chr11:32149350-32149450
chr11	32164650	32164750	901-Lng-A-T	344	chr11:32164650-32164750
chr11	32220250	32220350	1188-Lng-A-T	85	chr11:32220250-32220350
chr11	32353050	32353150	1004-Lng-A-T	95	chr11:32353050-32353150
chr11	32356950	32357050	901-Lng-C-T	118	chr11:32356950-32357050
chr11	32364450	32364550	1152-Lng-A-T	43	chr11:32364450-32364550
chr11	32400350	32400450	1100-Lng-A-T	59	chr11:32400350-32400450
chr11	32408550	32408650	1223-Lng-B-T	186	chr11:32408550-32408650
chr11	32509650	32509750	1072-Lng-A-T	93	chr11:32509650-32509750
chr11	32575450	32575550	1152-Lng-A-T	48	chr11:32575450-32575550
chr11	32582650	32582750	1152-Lng-A-T	90	chr11:32582650-32582750
chr11	32585750	32585850	1274-Lng-A-T	49	chr11:32585750-32585850
chr11	32589950	32590050	1151-Lng-A-T	248	chr11:32589950-32590050
chr11	32598750	32598850	1072-Lng-A-T	63	chr11:32598750-32598850
chr11	32603950	32604050	1167-Lng-A-T	475	chr11:32603950-32604050
chr11	32617450	32617550	1065-Lng-B-T	132	chr11:32617450-32617550
chr11	32640750	32640850	1100-Lng-A-T	69	chr11:32640750-32640850
chr11	32727450	32727550	1090-Lng-B-T	421	chr11:32727450-32727550
chr11	32935450	32935550	901-Lng-A-T	52	chr11:32935450-32935550
chr11	33355950	33356050	1065-Lng-A-T	41	chr11:33355950-33356050
chr11	33935650	33935750	1065-Lng-B-T	78	chr11:33935650-33935750
chr11	34003850	34003950	1188-Lng-A-T	51	chr11:34003850-34003950
chr11	34012550	34012650	1100-Lng-A-T	129	chr11:34012550-34012650
chr11	34240550	34240650	1004-Lng-A-T	231	chr11:34240550-34240650
chr11	34244050	34244150	1065-Lng-B-T	52	chr11:34244050-34244150
chr11	34263150	34263250	1090-Lng-A-T	62	chr11:34263150-34263250
chr11	34304250	34304350	901-Lng-C-T	264	chr11:34304250-34304350

Table S2: SB Insertion regions

chr11	34438650	34438750	1223-Lng-A-T	466	chr11:34438650-34438750
chr11	34821350	34821450	901-Lng-C-T	73	chr11:34821350-34821450
chr11	35006450	35006550	1065-Lng-B-T	75	chr11:35006450-35006550
chr11	35371850	35371950	901-Lng-C-T	183	chr11:35371850-35371950
chr11	35586450	35586550	1090-Lng-A-T	98	chr11:35586450-35586550
chr11	35593350	35593450	901-Lng-A-T	73	chr11:35593350-35593450
chr11	35594550	35594650	1065-Lng-B-T	47	chr11:35594550-35594650
chr11	35634550	35634650	1188-Lng-A-T	158	chr11:35634550-35634650
chr11	35674950	35675050	1167-Lng-A-T	47	chr11:35674950-35675050
chr11	35702050	35702150	1151-Lng-A-T	67	chr11:35702050-35702150
chr11	35710750	35710850	1100-Lng-B-T	56	chr11:35710750-35710850
chr11	35723950	35724050	1223-Lng-A-T	82	chr11:35723950-35724050
chr11	35779150	35779250	1065-Lng-B-T	40	chr11:35779150-35779250
chr11	35785550	35785650	1223-Lng-A-T	2727	chr11:35785550-35785650
chr11	35849150	35849250	1223-Lng-C-T	285	chr11:35849150-35849250
chr11	36006050	36006150	1152-Lng-A-T	125	chr11:36006050-36006150
chr11	36087850	36087950	1274-Lng-A-T	157	chr11:36087850-36087950
chr11	36096650	36096750	1223-Lng-C-T	49	chr11:36096650-36096750
chr11	36123350	36123450	1090-Lng-A-T	51	chr11:36123350-36123450
chr11	36364450	36364550	1223-Lng-A-T	66	chr11:36364450-36364550
chr11	36484050	36484150	1065-Lng-B-T	570	chr11:36484050-36484150
chr11	36580950	36581050	1152-Lng-A-T	79	chr11:36580950-36581050
chr11	36778550	36778650	1065-Lng-A-T	41	chr11:36778550-36778650
chr11	36798650	36798750	1065-Lng-A-T	65	chr11:36798650-36798750
chr11	36869950	36870050	1223-Lng-B-T	36	chr11:36869950-36870050
chr11	36920150	36920250	1065-Lng-A-T	132	chr11:36920150-36920250
chr11	37009050	37009150	1167-Lng-A-T	66	chr11:37009050-37009150
chr11	37204250	37204350	1065-Lng-C-T	75	chr11:37204250-37204350
chr11	37643750	37643850	1152-Lng-A-T	149	chr11:37643750-37643850
chr11	37712150	37712250	1152-Lng-A-T	321	chr11:37712150-37712250
chr11	37715150	37715250	1065-Lng-B-T	67	chr11:37715150-37715250
chr11	37779050	37779150	1004-Lng-A-T	128	chr11:37779050-37779150
chr11	37964550	37964650	1223-Lng-B-T	227	chr11:37964550-37964650
chr11	38077150	38077250	901-Lng-A-T	102	chr11:38077150-38077250
chr11	38122050	38122150	901-Lng-B-T	58	chr11:38122050-38122150
chr11	38492750	38492850	901-Lng-C-T	133	chr11:38492750-38492850
chr11	38660750	38660850	846-Lng-A-T	95	chr11:38660750-38660850
chr11	38815550	38815650	1072-Lng-A-T	119	chr11:38815550-38815650
chr11	38945650	38945750	901-Lng-B-T	132	chr11:38945650-38945750
chr11	39068450	39068550	1065-Lng-A-T	64	chr11:39068450-39068550
chr11	39083550	39083650	1065-Lng-C-T	91	chr11:39083550-39083650
chr11	39121950	39122050	901-Lng-B-T	86	chr11:39121950-39122050
chr11	39150750	39150850	1072-Lng-A-T	93	chr11:39150750-39150850
chr11	39216250	39216350	901-Lng-C-T	50	chr11:39216250-39216350
chr11	39248850	39248950	1100-Lng-A-T	104	chr11:39248850-39248950
chr11	39369150	39369250	901-Lng-A-T	62	chr11:39369150-39369250

Table S2: SB Insertion regions

chr11	39568350	39568450	1090-Lng-B-T	269	chr11:39568350-39568450
chr11	40063950	40064050	901-Lng-B-T	197	chr11:40063950-40064050
chr11	40290150	40290250	901-Lng-B-T	256	chr11:40290150-40290250
chr11	40330350	40330450	1223-Lng-A-T	51	chr11:40330350-40330450
chr11	40559750	40559850	846-Lng-A-T	102	chr11:40559750-40559850
chr11	40577150	40577250	846-Lng-A-T	48	chr11:40577150-40577250
chr11	40609450	40609550	1188-Lng-A-T	50	chr11:40609450-40609550
chr11	40640050	40640150	1100-Lng-A-T	66	chr11:40640050-40640150
chr11	40730250	40730350	1100-Lng-A-T	79	chr11:40730250-40730350
chr11	40825250	40825350	1065-Lng-A-T	82	chr11:40825250-40825350
chr11	40888750	40888850	1100-Lng-A-T	77	chr11:40888750-40888850
chr11	40937850	40937950	1223-Lng-D-T	49	chr11:40937850-40937950
chr11	40973750	40973850	901-Lng-C-T	49	chr11:40973750-40973850
chr11	41021050	41021150	1072-Lng-A-T	53	chr11:41021050-41021150
chr11	41263650	41263750	1223-Lng-C-T	45	chr11:41263650-41263750
chr11	41341250	41341350	1100-Lng-A-T	54	chr11:41341250-41341350
chr11	41457950	41458050	1188-Lng-A-T	36	chr11:41457950-41458050
chr11	41516350	41516450	1090-Lng-A-T	74	chr11:41516350-41516450
chr11	41646950	41647050	1274-Lng-A-T	408	chr11:41646950-41647050
chr11	41668650	41668750	1004-Lng-A-T	58	chr11:41668650-41668750
chr11	41755250	41755350	1223-Lng-A-T	128	chr11:41755250-41755350
chr11	41956650	41956750	901-Lng-B-T	72	chr11:41956650-41956750
chr11	42076450	42076550	1167-Lng-A-T	64	chr11:42076450-42076550
chr11	42179650	42179750	1151-Lng-A-T	57	chr11:42179650-42179750
chr11	42298950	42299050	1072-Lng-A-T	66	chr11:42298950-42299050
chr11	42333850	42333950	1072-Lng-A-T	157	chr11:42333850-42333950
chr11	42434450	42434550	1167-Lng-A-T	68	chr11:42434450-42434550
chr11	42699050	42699150	1065-Lng-C-T	85	chr11:42699050-42699150
chr11	42810850	42810950	901-Lng-D-T	42	chr11:42810850-42810950
chr11	43243650	43243750	901-Lng-B-T	36	chr11:43243650-43243750
chr11	43341850	43341950	1188-Lng-A-T	34	chr11:43341850-43341950
chr11	43521750	43521850	901-Lng-A-T	94	chr11:43521750-43521850
chr11	43663450	43663550	1152-Lng-A-T	265	chr11:43663450-43663550
chr11	43690750	43690850	1274-Lng-A-T	72	chr11:43690750-43690850
chr11	43718050	43718150	1065-Lng-C-T	75	chr11:43718050-43718150
chr11	43948950	43949050	1065-Lng-A-T	90	chr11:43948950-43949050
chr11	44027550	44027650	1065-Lng-B-T	74	chr11:44027550-44027650
chr11	44034250	44034350	1274-Lng-A-T	140	chr11:44034250-44034350
chr11	44110150	44110250	1188-Lng-A-T	54	chr11:44110150-44110250
chr11	44273350	44273450	1151-Lng-A-T	114	chr11:44273350-44273450
chr11	44502350	44502450	1223-Lng-B-T	67	chr11:44502350-44502450
chr11	44526950	44527050	846-Lng-A-T	144	chr11:44526950-44527050
chr11	45216650	45216750	901-Lng-B-T	120	chr11:45216650-45216750
chr11	45216950	45217050	1065-Lng-B-T	39	chr11:45216950-45217050
chr11	45410150	45410250	1223-Lng-B-T	300	chr11:45410150-45410250
chr11	45678750	45678850	901-Lng-B-T	113	chr11:45678750-45678850

Table S2: SB Insertion regions

chr11	45685950	45686050	1065-Lng-C-T	190	chr11:45685950-45686050
chr11	45820750	45820850	1274-Lng-A-T	71	chr11:45820750-45820850
chr11	45888650	45888750	1223-Lng-A-T	308	chr11:45888650-45888750
chr11	45893750	45893850	1065-Lng-A-T	94	chr11:45893750-45893850
chr11	45894650	45894750	1004-Lng-A-T	60	chr11:45894650-45894750
chr11	45896050	45896150	901-Lng-C-T	93	chr11:45896050-45896150
chr11	45907650	45907750	1274-Lng-A-T	100	chr11:45907650-45907750
chr11	45917750	45917850	1090-Lng-A-T	44	chr11:45917750-45917850
chr11	46142050	46142150	901-Lng-D-T	354	chr11:46142050-46142150
chr11	46353050	46353150	1065-Lng-A-T	70	chr11:46353050-46353150
chr11	46581850	46581950	901-Lng-C-T	40	chr11:46581850-46581950
chr11	46640650	46640750	1090-Lng-B-T	506	chr11:46640650-46640750
chr11	46804950	46805050	901-Lng-C-T	36	chr11:46804950-46805050
chr11	46875450	46875550	1090-Lng-B-T	312	chr11:46875450-46875550
chr11	47096950	47097050	1065-Lng-C-T	66	chr11:47096950-47097050
chr11	47188950	47189050	1065-Lng-B-T	76	chr11:47188950-47189050
chr11	47206350	47206450	1223-Lng-B-T	38	chr11:47206350-47206450
chr11	47301150	47301250	1072-Lng-A-T	54	chr11:47301150-47301250
chr11	47382650	47382750	1090-Lng-B-T	287	chr11:47382650-47382750
chr11	47755250	47755350	1065-Lng-A-T	375	chr11:47755250-47755350
chr11	47774650	47774750	1065-Lng-A-T	44	chr11:47774650-47774750
chr11	48200650	48200750	1223-Lng-C-T	43	chr11:48200650-48200750
chr11	48239950	48240050	846-Lng-A-T	96	chr11:48239950-48240050
chr11	48477750	48477850	901-Lng-A-T	57	chr11:48477750-48477850
chr11	48573550	48573650	1152-Lng-A-T	114	chr11:48573550-48573650
chr11	49019550	49019650	1223-Lng-A-T	1384	chr11:49019550-49019650
chr11	49024150	49024250	846-Lng-A-T	125	chr11:49024150-49024250
chr11	49026450	49026550	901-Lng-D-T	319	chr11:49026450-49026550
chr11	49026550	49026650	1274-Lng-A-T	66	chr11:49026550-49026650
chr11	49033750	49033850	1072-Lng-A-T	202	chr11:49033750-49033850
chr11	49840050	49840150	1100-Lng-A-T	119	chr11:49840050-49840150
chr11	49877950	49878050	1004-Lng-A-T	95	chr11:49877950-49878050
chr11	49886750	49886850	1223-Lng-D-T	51	chr11:49886750-49886850
chr11	49893050	49893150	1065-Lng-C-T	109	chr11:49893050-49893150
chr11	49914350	49914450	901-Lng-A-T	67	chr11:49914350-49914450
chr11	49999450	49999550	1274-Lng-A-T	60	chr11:49999450-49999550
chr11	50017950	50018050	1152-Lng-A-T	61	chr11:50017950-50018050
chr11	50081350	50081450	1188-Lng-A-T	76	chr11:50081350-50081450
chr11	50089050	50089150	1152-Lng-A-T	69	chr11:50089050-50089150
chr11	50149350	50149450	1274-Lng-A-T	169	chr11:50149350-50149450
chr11	50666350	50666450	1065-Lng-B-T	58	chr11:50666350-50666450
chr11	51071850	51071950	1065-Lng-C-T	73	chr11:51071850-51071950
chr11	51149750	51149850	1223-Lng-D-T	66	chr11:51149750-51149850
chr11	51239650	51239750	1188-Lng-A-T	52	chr11:51239650-51239750
chr11	51510250	51510350	1151-Lng-A-T	168	chr11:51510250-51510350
chr11	51579550	51579650	901-Lng-B-T	168	chr11:51579550-51579650

Table S2: SB Insertion regions

chr11	51599150	51599250	1100-Lng-A-T	58	chr11:51599150-51599250
chr11	51651450	51651550	1151-Lng-A-T	56	chr11:51651450-51651550
chr11	51655450	51655550	1223-Lng-B-T	54	chr11:51655450-51655550
chr11	51806250	51806350	1167-Lng-A-T	105	chr11:51806250-51806350
chr11	51806850	51806950	1100-Lng-B-T	60	chr11:51806850-51806950
chr11	51934250	51934350	901-Lng-C-T	66	chr11:51934250-51934350
chr11	52190350	52190450	901-Lng-B-T	143	chr11:52190350-52190450
chr11	52190350	52190450	1188-Lng-A-T	81	chr11:52190350-52190450
chr11	52307150	52307250	1167-Lng-A-T	116	chr11:52307150-52307250
chr11	52320150	52320250	1223-Lng-A-T	912	chr11:52320150-52320250
chr11	52499450	52499550	1090-Lng-A-T	65	chr11:52499450-52499550
chr11	52861250	52861350	1100-Lng-A-T	149	chr11:52861250-52861350
chr11	53094450	53094550	1090-Lng-A-T	63	chr11:53094450-53094550
chr11	53099450	53099550	1100-Lng-A-T	53	chr11:53099450-53099550
chr11	53185550	53185650	1072-Lng-A-T	238	chr11:53185550-53185650
chr11	53189250	53189350	1100-Lng-A-T	63	chr11:53189250-53189350
chr11	53195550	53195650	1274-Lng-A-T	67	chr11:53195550-53195650
chr11	53215150	53215250	1223-Lng-C-T	50	chr11:53215150-53215250
chr11	53340250	53340350	901-Lng-B-T	54	chr11:53340250-53340350
chr11	53665850	53665950	901-Lng-C-T	62	chr11:53665850-53665950
chr11	53669050	53669150	1152-Lng-A-T	45	chr11:53669050-53669150
chr11	53812250	53812350	1223-Lng-D-T	69	chr11:53812250-53812350
chr11	53907650	53907750	1065-Lng-B-T	48	chr11:53907650-53907750
chr11	54066350	54066450	1090-Lng-A-T	82	chr11:54066350-54066450
chr11	54260650	54260750	901-Lng-A-T	135	chr11:54260650-54260750
chr11	54269450	54269550	1065-Lng-B-T	46	chr11:54269450-54269550
chr11	54402150	54402250	901-Lng-C-T	96	chr11:54402150-54402250
chr11	54415650	54415750	1065-Lng-A-T	53	chr11:54415650-54415750
chr11	54418150	54418250	1274-Lng-A-T	90	chr11:54418150-54418250
chr11	54440350	54440450	1100-Lng-A-T	165	chr11:54440350-54440450
chr11	54467550	54467650	1090-Lng-A-T	111	chr11:54467550-54467650
chr11	54467650	54467750	1065-Lng-B-T	39	chr11:54467650-54467750
chr11	54494850	54494950	1223-Lng-D-T	54	chr11:54494850-54494950
chr11	54572450	54572550	1090-Lng-B-T	379	chr11:54572450-54572550
chr11	54577350	54577450	1100-Lng-A-T	89	chr11:54577350-54577450
chr11	54585350	54585450	1100-Lng-A-T	135	chr11:54585350-54585450
chr11	54733750	54733850	1090-Lng-B-T	216	chr11:54733750-54733850
chr11	54956050	54956150	846-Lng-A-T	122	chr11:54956050-54956150
chr11	55167150	55167250	1152-Lng-A-T	267	chr11:55167150-55167250
chr11	55310750	55310850	901-Lng-A-T	56	chr11:55310750-55310850
chr11	55321550	55321650	1072-Lng-A-T	55	chr11:55321550-55321650
chr11	55369350	55369450	901-Lng-B-T	47	chr11:55369350-55369450
chr11	55633650	55633750	1188-Lng-A-T	90	chr11:55633650-55633750
chr11	55668650	55668750	846-Lng-A-T	386	chr11:55668650-55668750
chr11	55683450	55683550	1223-Lng-D-T	45	chr11:55683450-55683550
chr11	56015850	56015950	846-Lng-A-T	76	chr11:56015850-56015950

Table S2: SB Insertion regions

chr11	56299750	56299850	1072-Lng-A-T	160	chr11:56299750-56299850
chr11	56699350	56699450	1065-Lng-C-T	71	chr11:56699350-56699450
chr11	57306150	57306250	846-Lng-A-T	97	chr11:57306150-57306250
chr11	57353250	57353350	901-Lng-D-T	56	chr11:57353250-57353350
chr11	57395650	57395750	901-Lng-B-T	180	chr11:57395650-57395750
chr11	57620350	57620450	1004-Lng-A-T	54	chr11:57620350-57620450
chr11	57625950	57626050	901-Lng-C-T	60	chr11:57625950-57626050
chr11	57643550	57643650	1151-Lng-A-T	61	chr11:57643550-57643650
chr11	57857650	57857750	846-Lng-A-T	48	chr11:57857650-57857750
chr11	57971050	57971150	1167-Lng-A-T	52	chr11:57971050-57971150
chr11	58004350	58004450	1167-Lng-A-T	134	chr11:58004350-58004450
chr11	58873650	58873750	901-Lng-C-T	29	chr11:58873650-58873750
chr11	59040050	59040150	1274-Lng-A-T	109	chr11:59040050-59040150
chr11	59128750	59128850	1151-Lng-A-T	205	chr11:59128750-59128850
chr11	59228150	59228250	1151-Lng-A-T	79	chr11:59228150-59228250
chr11	59261850	59261950	1090-Lng-A-T	68	chr11:59261850-59261950
chr11	59265050	59265150	901-Lng-C-T	33	chr11:59265050-59265150
chr11	59388150	59388250	1274-Lng-A-T	77	chr11:59388150-59388250
chr11	59505750	59505850	1065-Lng-B-T	46	chr11:59505750-59505850
chr11	59523350	59523450	901-Lng-C-T	56	chr11:59523350-59523450
chr11	59525550	59525650	1223-Lng-C-T	44	chr11:59525550-59525650
chr11	59529550	59529650	1274-Lng-A-T	151	chr11:59529550-59529650
chr11	59667550	59667650	1100-Lng-A-T	89	chr11:59667550-59667650
chr11	59670750	59670850	1065-Lng-A-T	49	chr11:59670750-59670850
chr11	59672750	59672850	1274-Lng-A-T	72	chr11:59672750-59672850
chr11	59837750	59837850	1004-Lng-A-T	50	chr11:59837750-59837850
chr11	59932950	59933050	1223-Lng-A-T	162	chr11:59932950-59933050
chr11	60102750	60102850	1152-Lng-A-T	203	chr11:60102750-60102850
chr11	60114650	60114750	1152-Lng-A-T	138	chr11:60114650-60114750
chr11	60221850	60221950	1100-Lng-A-T	119	chr11:60221850-60221950
chr11	60285250	60285350	1167-Lng-A-T	61	chr11:60285250-60285350
chr11	60560550	60560650	901-Lng-A-T	83	chr11:60560550-60560650
chr11	60702250	60702350	1065-Lng-C-T	116	chr11:60702250-60702350
chr11	61040350	61040450	901-Lng-D-T	449	chr11:61040350-61040450
chr11	61334950	61335050	901-Lng-A-T	93	chr11:61334950-61335050
chr11	61364950	61365050	1274-Lng-A-T	52	chr11:61364950-61365050
chr11	61387150	61387250	901-Lng-D-T	54	chr11:61387150-61387250
chr11	61616050	61616150	1065-Lng-A-T	46	chr11:61616050-61616150
chr11	61642450	61642550	1004-Lng-A-T	55	chr11:61642450-61642550
chr11	61678750	61678850	1152-Lng-A-T	55	chr11:61678750-61678850
chr11	61714750	61714850	1004-Lng-A-T	78	chr11:61714750-61714850
chr11	61737250	61737350	1100-Lng-A-T	94	chr11:61737250-61737350
chr11	61892950	61893050	1152-Lng-A-T	73	chr11:61892950-61893050
chr11	61922050	61922150	1152-Lng-A-T	36	chr11:61922050-61922150
chr11	61930450	61930550	846-Lng-A-T	661	chr11:61930450-61930550
chr11	62014950	62015050	1004-Lng-A-T	401	chr11:62014950-62015050

Table S2: SB Insertion regions

chr11	62034850	62034950	1167-Lng-A-T	126	chr11:62034850-62034950
chr11	62042350	62042450	1004-Lng-A-T	128	chr11:62042350-62042450
chr11	62078750	62078850	1152-Lng-A-T	108	chr11:62078750-62078850
chr11	62120550	62120650	901-Lng-B-T	84	chr11:62120550-62120650
chr11	62120850	62120950	1100-Lng-A-T	57	chr11:62120850-62120950
chr11	62139250	62139350	901-Lng-C-T	232	chr11:62139250-62139350
chr11	62186350	62186450	901-Lng-D-T	425	chr11:62186350-62186450
chr11	62224550	62224650	1274-Lng-A-T	143	chr11:62224550-62224650
chr11	62250350	62250450	1188-Lng-A-T	167	chr11:62250350-62250450
chr11	62275350	62275450	901-Lng-A-T	75	chr11:62275350-62275450
chr11	62361250	62361350	1223-Lng-B-T	55	chr11:62361250-62361350
chr11	62641450	62641550	1274-Lng-A-T	420	chr11:62641450-62641550
chr11	62701850	62701950	1065-Lng-A-T	83	chr11:62701850-62701950
chr11	62762250	62762350	846-Lng-A-T	54	chr11:62762250-62762350
chr11	62808950	62809050	1152-Lng-A-T	60	chr11:62808950-62809050
chr11	62812450	62812550	1100-Lng-A-T	58	chr11:62812450-62812550
chr11	62871450	62871550	1004-Lng-A-T	127	chr11:62871450-62871550
chr11	62909750	62909850	1188-Lng-A-T	202	chr11:62909750-62909850
chr11	63055850	63055950	1274-Lng-A-T	50	chr11:63055850-63055950
chr11	63319650	63319750	1223-Lng-B-T	106	chr11:63319650-63319750
chr11	63451350	63451450	901-Lng-D-T	389	chr11:63451350-63451450
chr11	63546450	63546550	1065-Lng-B-T	41	chr11:63546450-63546550
chr11	63808150	63808250	901-Lng-B-T	208	chr11:63808150-63808250
chr11	63811550	63811650	1223-Lng-D-T	40	chr11:63811550-63811650
chr11	64032150	64032250	1004-Lng-A-T	84	chr11:64032150-64032250
chr11	64317350	64317450	1223-Lng-A-T	1331	chr11:64317350-64317450
chr11	64373550	64373650	1065-Lng-C-T	82	chr11:64373550-64373650
chr11	64800450	64800550	1223-Lng-D-T	49	chr11:64800450-64800550
chr11	64901350	64901450	901-Lng-A-T	57	chr11:64901350-64901450
chr11	64913150	64913250	1100-Lng-A-T	104	chr11:64913150-64913250
chr11	64919650	64919750	901-Lng-A-T	103	chr11:64919650-64919750
chr11	65417150	65417250	901-Lng-A-T	78	chr11:65417150-65417250
chr11	65514950	65515050	1090-Lng-A-T	74	chr11:65514950-65515050
chr11	65541150	65541250	901-Lng-C-T	31	chr11:65541150-65541250
chr11	65544350	65544450	1274-Lng-A-T	120	chr11:65544350-65544450
chr11	65552550	65552650	1065-Lng-A-T	1174	chr11:65552550-65552650
chr11	65600350	65600450	1274-Lng-A-T	78	chr11:65600350-65600450
chr11	65623950	65624050	1072-Lng-A-T	243	chr11:65623950-65624050
chr11	65627150	65627250	846-Lng-A-T	131	chr11:65627150-65627250
chr11	65640750	65640850	901-Lng-A-T	532	chr11:65640750-65640850
chr11	65799050	65799150	901-Lng-D-T	49	chr11:65799050-65799150
chr11	66044350	66044450	1223-Lng-A-T	218	chr11:66044350-66044450
chr11	66067450	66067550	1167-Lng-A-T	124	chr11:66067450-66067550
chr11	66229950	66230050	1167-Lng-A-T	144	chr11:66229950-66230050
chr11	66260050	66260150	1072-Lng-A-T	185	chr11:66260050-66260150
chr11	66399550	66399650	1090-Lng-A-T	74	chr11:66399550-66399650

Table S2: SB Insertion regions

chr11	66596550	66596650	1100-Lng-B-T	54	chr11:66596550-66596650
chr11	66617250	66617350	901-Lng-C-T	89	chr11:66617250-66617350
chr11	66841250	66841350	1151-Lng-A-T	131	chr11:66841250-66841350
chr11	67064750	67064850	1223-Lng-B-T	69	chr11:67064750-67064850
chr11	67184850	67184950	901-Lng-A-T	69	chr11:67184850-67184950
chr11	67609950	67610050	1065-Lng-A-T	40	chr11:67609950-67610050
chr11	67717050	67717150	1004-Lng-A-T	62	chr11:67717050-67717150
chr11	67738350	67738450	901-Lng-A-T	97	chr11:67738350-67738450
chr11	67872250	67872350	1090-Lng-A-T	84	chr11:67872250-67872350
chr11	67933550	67933650	1167-Lng-A-T	53	chr11:67933550-67933650
chr11	68103350	68103450	1151-Lng-A-T	460	chr11:68103350-68103450
chr11	68409550	68409650	901-Lng-B-T	117	chr11:68409550-68409650
chr11	68663650	68663750	1223-Lng-A-T	214	chr11:68663650-68663750
chr11	68762450	68762550	1004-Lng-A-T	192	chr11:68762450-68762550
chr11	69126550	69126650	1065-Lng-A-T	73	chr11:69126550-69126650
chr11	69389050	69389150	1167-Lng-A-T	76	chr11:69389050-69389150
chr11	69443350	69443450	1065-Lng-B-T	170	chr11:69443350-69443450
chr11	69565350	69565450	1223-Lng-C-T	53	chr11:69565350-69565450
chr11	69599450	69599550	1152-Lng-A-T	103	chr11:69599450-69599550
chr11	69806650	69806750	1100-Lng-A-T	81	chr11:69806650-69806750
chr11	69817850	69817950	901-Lng-B-T	232	chr11:69817850-69817950
chr11	70352850	70352950	1065-Lng-B-T	62	chr11:70352850-70352950
chr11	70414650	70414750	1223-Lng-A-T	66	chr11:70414650-70414750
chr11	70508350	70508450	1274-Lng-A-T	97	chr11:70508350-70508450
chr11	70511950	70512050	1223-Lng-B-T	42	chr11:70511950-70512050
chr11	70553850	70553950	1274-Lng-A-T	113	chr11:70553850-70553950
chr11	70562150	70562250	1223-Lng-A-T	117	chr11:70562150-70562250
chr11	70592350	70592450	1100-Lng-B-T	123	chr11:70592350-70592450
chr11	70687950	70688050	1152-Lng-A-T	153	chr11:70687950-70688050
chr11	70713550	70713650	1274-Lng-A-T	158	chr11:70713550-70713650
chr11	70748450	70748550	901-Lng-C-T	79	chr11:70748450-70748550
chr11	70782350	70782450	1065-Lng-B-T	71	chr11:70782350-70782450
chr11	70828650	70828750	1072-Lng-A-T	57	chr11:70828650-70828750
chr11	70996950	70997050	901-Lng-D-T	44	chr11:70996950-70997050
chr11	71438950	71439050	1274-Lng-A-T	161	chr11:71438950-71439050
chr11	72126950	72127050	1065-Lng-A-T	78	chr11:72126950-72127050
chr11	72346150	72346250	1152-Lng-A-T	83	chr11:72346150-72346250
chr11	72368750	72368850	1090-Lng-A-T	77	chr11:72368750-72368850
chr11	72442250	72442350	1152-Lng-A-T	40	chr11:72442250-72442350
chr11	72447950	72448050	1004-Lng-A-T	82	chr11:72447950-72448050
chr11	72453550	72453650	1065-Lng-A-T	50	chr11:72453550-72453650
chr11	72477850	72477950	1151-Lng-A-T	94	chr11:72477850-72477950
chr11	72478750	72478850	846-Lng-A-T	162	chr11:72478750-72478850
chr11	72535750	72535850	1274-Lng-A-T	104	chr11:72535750-72535850
chr11	72560550	72560650	901-Lng-A-T	245	chr11:72560550-72560650
chr11	72853650	72853750	1223-Lng-C-T	168	chr11:72853650-72853750

Table S2: SB Insertion regions

chr11	72867750	72867850	1223-Lng-B-T	48	chr11:72867750-72867850
chr11	72871950	72872050	1188-Lng-A-T	35	chr11:72871950-72872050
chr11	72972450	72972550	1100-Lng-A-T	86	chr11:72972450-72972550
chr11	73020450	73020550	1065-Lng-B-T	73	chr11:73020450-73020550
chr11	73148750	73148850	901-Lng-A-T	50	chr11:73148750-73148850
chr11	73532850	73532950	1004-Lng-A-T	82	chr11:73532850-73532950
chr11	73601350	73601450	901-Lng-A-T	371	chr11:73601350-73601450
chr11	73609550	73609650	901-Lng-C-T	36	chr11:73609550-73609650
chr11	73812350	73812450	1004-Lng-A-T	92	chr11:73812350-73812450
chr11	73838550	73838650	1090-Lng-A-T	61	chr11:73838550-73838650
chr11	73994850	73994950	1072-Lng-A-T	99	chr11:73994850-73994950
chr11	74306650	74306750	1065-Lng-A-T	59	chr11:74306650-74306750
chr11	74341450	74341550	1065-Lng-A-T	80	chr11:74341450-74341550
chr11	74420650	74420750	846-Lng-A-T	80	chr11:74420650-74420750
chr11	74493450	74493550	1100-Lng-A-T	101	chr11:74493450-74493550
chr11	74523250	74523350	1274-Lng-A-T	67	chr11:74523250-74523350
chr11	74642750	74642850	901-Lng-B-T	67	chr11:74642750-74642850
chr11	74657750	74657850	1065-Lng-A-T	63	chr11:74657750-74657850
chr11	74716850	74716950	901-Lng-B-T	187	chr11:74716850-74716950
chr11	74768350	74768450	1100-Lng-B-T	279	chr11:74768350-74768450
chr11	74792850	74792950	1100-Lng-A-T	68	chr11:74792850-74792950
chr11	74805150	74805250	1065-Lng-B-T	93	chr11:74805150-74805250
chr11	74824650	74824750	1004-Lng-A-T	71	chr11:74824650-74824750
chr11	74848350	74848450	1065-Lng-A-T	153	chr11:74848350-74848450
chr11	74859050	74859150	1223-Lng-A-T	411	chr11:74859050-74859150
chr11	74860850	74860950	1090-Lng-A-T	48	chr11:74860850-74860950
chr11	74929050	74929150	1065-Lng-A-T	39	chr11:74929050-74929150
chr11	74938150	74938250	901-Lng-B-T	234	chr11:74938150-74938250
chr11	74945150	74945250	1274-Lng-A-T	57	chr11:74945150-74945250
chr11	74961650	74961750	1100-Lng-A-T	506	chr11:74961650-74961750
chr11	75031450	75031550	1274-Lng-A-T	134	chr11:75031450-75031550
chr11	75039350	75039450	1100-Lng-A-T	89	chr11:75039350-75039450
chr11	75181750	75181850	1065-Lng-A-T	69	chr11:75181750-75181850
chr11	75236650	75236750	1223-Lng-C-T	116	chr11:75236650-75236750
chr11	75349450	75349550	1274-Lng-A-T	133	chr11:75349450-75349550
chr11	75367550	75367650	1072-Lng-A-T	219	chr11:75367550-75367650
chr11	75377350	75377450	901-Lng-C-T	36	chr11:75377350-75377450
chr11	75437750	75437850	1223-Lng-D-T	51	chr11:75437750-75437850
chr11	75450950	75451050	1152-Lng-A-T	122	chr11:75450950-75451050
chr11	75497950	75498050	1152-Lng-A-T	47	chr11:75497950-75498050
chr11	75521450	75521550	1274-Lng-A-T	58	chr11:75521450-75521550
chr11	75538050	75538150	1072-Lng-A-T	108	chr11:75538050-75538150
chr11	75550150	75550250	1100-Lng-A-T	117	chr11:75550150-75550250
chr11	75561050	75561150	901-Lng-C-T	71	chr11:75561050-75561150
chr11	75562150	75562250	901-Lng-C-T	57	chr11:75562150-75562250
chr11	75572150	75572250	901-Lng-C-T	48	chr11:75572150-75572250

Table S2: SB Insertion regions

chr11	75736850	75736950	1100-Lng-A-T	67	chr11:75736850-75736950
chr11	75741850	75741950	901-Lng-B-T	187	chr11:75741850-75741950
chr11	75898550	75898650	1167-Lng-A-T	153	chr11:75898550-75898650
chr11	75978650	75978750	1090-Lng-A-T	89	chr11:75978650-75978750
chr11	75985350	75985450	1072-Lng-A-T	64	chr11:75985350-75985450
chr11	76032850	76032950	1100-Lng-A-T	98	chr11:76032850-76032950
chr11	76055150	76055250	1100-Lng-A-T	66	chr11:76055150-76055250
chr11	76276950	76277050	1100-Lng-A-T	69	chr11:76276950-76277050
chr11	76625050	76625150	1065-Lng-A-T	48	chr11:76625050-76625150
chr11	76640250	76640350	1090-Lng-A-T	44	chr11:76640250-76640350
chr11	76786350	76786450	901-Lng-D-T	298	chr11:76786350-76786450
chr11	77001550	77001650	846-Lng-A-T	55	chr11:77001550-77001650
chr11	77296150	77296250	1188-Lng-A-T	34	chr11:77296150-77296250
chr11	77306150	77306250	1274-Lng-A-T	120	chr11:77306150-77306250
chr11	77378750	77378850	1004-Lng-A-T	177	chr11:77378750-77378850
chr11	77527150	77527250	1072-Lng-A-T	73	chr11:77527150-77527250
chr11	77595750	77595850	1072-Lng-A-T	97	chr11:77595750-77595850
chr11	77618050	77618150	901-Lng-C-T	367	chr11:77618050-77618150
chr11	77684250	77684350	1065-Lng-A-T	52	chr11:77684250-77684350
chr11	77812350	77812450	901-Lng-C-T	66	chr11:77812350-77812450
chr11	77911050	77911150	1223-Lng-A-T	235	chr11:77911050-77911150
chr11	77911050	77911150	1065-Lng-C-T	63	chr11:77911050-77911150
chr11	77938250	77938350	1151-Lng-A-T	97	chr11:77938250-77938350
chr11	78018450	78018550	1151-Lng-A-T	84	chr11:78018450-78018550
chr11	78089050	78089150	1100-Lng-A-T	251	chr11:78089050-78089150
chr11	78103150	78103250	1152-Lng-A-T	78	chr11:78103150-78103250
chr11	78173350	78173450	1188-Lng-A-T	43	chr11:78173350-78173450
chr11	78275650	78275750	1065-Lng-B-T	57	chr11:78275650-78275750
chr11	78414250	78414350	1223-Lng-C-T	48	chr11:78414250-78414350
chr11	78487650	78487750	1065-Lng-B-T	83	chr11:78487650-78487750
chr11	78487750	78487850	1223-Lng-A-T	99	chr11:78487750-78487850
chr11	78935750	78935850	1004-Lng-A-T	180	chr11:78935750-78935850
chr11	79102150	79102250	1100-Lng-A-T	95	chr11:79102150-79102250
chr11	79106550	79106650	1065-Lng-C-T	147	chr11:79106550-79106650
chr11	79203050	79203150	1065-Lng-A-T	49	chr11:79203050-79203150
chr11	79219950	79220050	1151-Lng-A-T	244	chr11:79219950-79220050
chr11	79226750	79226850	1167-Lng-A-T	64	chr11:79226750-79226850
chr11	79234950	79235050	1167-Lng-A-T	91	chr11:79234950-79235050
chr11	79236650	79236750	1151-Lng-A-T	233	chr11:79236650-79236750
chr11	79249150	79249250	1188-Lng-A-T	322	chr11:79249150-79249250
chr11	79259550	79259650	1065-Lng-B-T	102	chr11:79259550-79259650
chr11	79263950	79264050	1188-Lng-A-T	42	chr11:79263950-79264050
chr11	79293450	79293550	1090-Lng-A-T	70	chr11:79293450-79293550
chr11	79469950	79470050	1152-Lng-A-T	54	chr11:79469950-79470050
chr11	79624950	79625050	1065-Lng-B-T	54	chr11:79624950-79625050
chr11	79797350	79797450	1100-Lng-A-T	109	chr11:79797350-79797450

Table S2: SB Insertion regions

chr11	79807850	79807950	1065-Lng-A-T	37	chr11:79807850-79807950
chr11	79811450	79811550	901-Lng-C-T	110	chr11:79811450-79811550
chr11	79891650	79891750	1100-Lng-A-T	154	chr11:79891650-79891750
chr11	80035250	80035350	1167-Lng-A-T	192	chr11:80035250-80035350
chr11	80038450	80038550	1004-Lng-A-T	95	chr11:80038450-80038550
chr11	80060550	80060650	901-Lng-C-T	56	chr11:80060550-80060650
chr11	80149750	80149850	1065-Lng-B-T	432	chr11:80149750-80149850
chr11	80200850	80200950	1072-Lng-A-T	115	chr11:80200850-80200950
chr11	80210650	80210750	1100-Lng-A-T	110	chr11:80210650-80210750
chr11	80254050	80254150	1188-Lng-A-T	193	chr11:80254050-80254150
chr11	80270850	80270950	1065-Lng-B-T	47	chr11:80270850-80270950
chr11	80283150	80283250	1167-Lng-A-T	49	chr11:80283150-80283250
chr11	80326750	80326850	1004-Lng-A-T	87	chr11:80326750-80326850
chr11	80334350	80334450	1274-Lng-A-T	55	chr11:80334350-80334450
chr11	80339450	80339550	1223-Lng-B-T	217	chr11:80339450-80339550
chr11	80359350	80359450	1167-Lng-A-T	77	chr11:80359350-80359450
chr11	80363450	80363550	1004-Lng-A-T	57	chr11:80363450-80363550
chr11	80376550	80376650	1065-Lng-B-T	129	chr11:80376550-80376650
chr11	80390050	80390150	1100-Lng-A-T	53	chr11:80390050-80390150
chr11	80417850	80417950	1223-Lng-A-T	163	chr11:80417850-80417950
chr11	80434450	80434550	901-Lng-A-T	120	chr11:80434450-80434550
chr11	80468450	80468550	901-Lng-A-T	253	chr11:80468450-80468550
chr11	80510550	80510650	1152-Lng-A-T	112	chr11:80510550-80510650
chr11	80609950	80610050	1223-Lng-D-T	43	chr11:80609950-80610050
chr11	80618250	80618350	1223-Lng-C-T	50	chr11:80618250-80618350
chr11	80632850	80632950	1065-Lng-A-T	69	chr11:80632850-80632950
chr11	80930150	80930250	901-Lng-C-T	78	chr11:80930150-80930250
chr11	81548750	81548850	1065-Lng-B-T	44	chr11:81548750-81548850
chr11	82019850	82019950	1100-Lng-A-T	57	chr11:82019850-82019950
chr11	82618350	82618450	1188-Lng-A-T	75	chr11:82618350-82618450
chr11	82677550	82677650	1274-Lng-A-T	112	chr11:82677550-82677650
chr11	82849750	82849850	901-Lng-A-T	137	chr11:82849750-82849850
chr11	82855250	82855350	901-Lng-A-T	83	chr11:82855250-82855350
chr11	82937750	82937850	901-Lng-B-T	270	chr11:82937750-82937850
chr11	83096750	83096850	1274-Lng-A-T	72	chr11:83096750-83096850
chr11	83122350	83122450	1223-Lng-B-T	147	chr11:83122350-83122450
chr11	83187050	83187150	1152-Lng-A-T	133	chr11:83187050-83187150
chr11	83230650	83230750	901-Lng-D-T	290	chr11:83230650-83230750
chr11	83298750	83298850	1188-Lng-A-T	50	chr11:83298750-83298850
chr11	83320950	83321050	1188-Lng-A-T	85	chr11:83320950-83321050
chr11	83773850	83773950	1100-Lng-B-T	180	chr11:83773850-83773950
chr11	83820950	83821050	1188-Lng-A-T	304	chr11:83820950-83821050
chr11	83934950	83935050	1100-Lng-A-T	85	chr11:83934950-83935050
chr11	84030550	84030650	901-Lng-A-T	108	chr11:84030550-84030650
chr11	84139450	84139550	1167-Lng-A-T	104	chr11:84139450-84139550
chr11	84177950	84178050	1188-Lng-A-T	141	chr11:84177950-84178050

Table S2: SB Insertion regions

chr11	84318450	84318550	1065-Lng-A-T	59	chr11:84318450-84318550
chr11	84365650	84365750	901-Lng-C-T	40	chr11:84365650-84365750
chr11	84653950	84654050	1274-Lng-A-T	58	chr11:84653950-84654050
chr11	84656550	84656650	1167-Lng-A-T	97	chr11:84656550-84656650
chr11	84676350	84676450	1004-Lng-A-T	100	chr11:84676350-84676450
chr11	84677350	84677450	1065-Lng-B-T	45	chr11:84677350-84677450
chr11	84677850	84677950	1152-Lng-A-T	125	chr11:84677850-84677950
chr11	84681350	84681450	1223-Lng-D-T	48	chr11:84681350-84681450
chr11	84899850	84899950	1223-Lng-C-T	50	chr11:84899850-84899950
chr11	84937350	84937450	1065-Lng-B-T	58	chr11:84937350-84937450
chr11	84941850	84941950	1274-Lng-A-T	123	chr11:84941850-84941950
chr11	84958750	84958850	1100-Lng-A-T	59	chr11:84958750-84958850
chr11	84999350	84999450	1065-Lng-A-T	108	chr11:84999350-84999450
chr11	85022850	85022950	1152-Lng-A-T	50	chr11:85022850-85022950
chr11	85023450	85023550	1274-Lng-A-T	69	chr11:85023450-85023550
chr11	85327450	85327550	901-Lng-A-T	50	chr11:85327450-85327550
chr11	85461350	85461450	1152-Lng-A-T	192	chr11:85461350-85461450
chr11	85495850	85495950	1223-Lng-B-T	37	chr11:85495850-85495950
chr11	85609850	85609950	1223-Lng-C-T	270	chr11:85609850-85609950
chr11	85749250	85749350	1065-Lng-A-T	48	chr11:85749250-85749350
chr11	85845750	85845850	1152-Lng-A-T	53	chr11:85845750-85845850
chr11	85889950	85890050	1065-Lng-A-T	71	chr11:85889950-85890050
chr11	85921150	85921250	901-Lng-A-T	419	chr11:85921150-85921250
chr11	85957250	85957350	901-Lng-A-T	72	chr11:85957250-85957350
chr11	86083950	86084050	1152-Lng-A-T	73	chr11:86083950-86084050
chr11	86086050	86086150	1004-Lng-A-T	66	chr11:86086050-86086150
chr11	86090550	86090650	1004-Lng-A-T	76	chr11:86090550-86090650
chr11	86098750	86098850	901-Lng-A-T	96	chr11:86098750-86098850
chr11	86109750	86109850	1152-Lng-A-T	73	chr11:86109750-86109850
chr11	86111250	86111350	901-Lng-D-T	402	chr11:86111250-86111350
chr11	86125550	86125650	1223-Lng-D-T	44	chr11:86125550-86125650
chr11	86164650	86164750	1072-Lng-A-T	142	chr11:86164650-86164750
chr11	86166150	86166250	1188-Lng-A-T	35	chr11:86166150-86166250
chr11	86317850	86317950	1223-Lng-D-T	46	chr11:86317850-86317950
chr11	86409650	86409750	1167-Lng-A-T	55	chr11:86409650-86409750
chr11	86462650	86462750	1065-Lng-A-T	57	chr11:86462650-86462750
chr11	86480050	86480150	1223-Lng-B-T	37	chr11:86480050-86480150
chr11	86541950	86542050	1152-Lng-A-T	81	chr11:86541950-86542050
chr11	86552750	86552850	901-Lng-C-T	71	chr11:86552750-86552850
chr11	86558550	86558650	1188-Lng-A-T	147	chr11:86558550-86558650
chr11	86648750	86648850	1223-Lng-D-T	44	chr11:86648750-86648850
chr11	86687750	86687850	1152-Lng-A-T	56	chr11:86687750-86687850
chr11	86751150	86751250	1274-Lng-A-T	49	chr11:86751150-86751250
chr11	86754950	86755050	1274-Lng-A-T	331	chr11:86754950-86755050
chr11	86772350	86772450	1274-Lng-A-T	856	chr11:86772350-86772450
chr11	86797750	86797850	1188-Lng-A-T	40	chr11:86797750-86797850

Table S2: SB Insertion regions

chr11	86845350	86845450	1100-Lng-A-T	123	chr11:86845350-86845450
chr11	86877650	86877750	1072-Lng-A-T	143	chr11:86877650-86877750
chr11	86881650	86881750	901-Lng-C-T	45	chr11:86881650-86881750
chr11	87229450	87229550	1274-Lng-A-T	60	chr11:87229450-87229550
chr11	87431350	87431450	1100-Lng-A-T	54	chr11:87431350-87431450
chr11	87864750	87864850	1167-Lng-A-T	110	chr11:87864750-87864850
chr11	88127850	88127950	1100-Lng-A-T	52	chr11:88127850-88127950
chr11	88190150	88190250	1274-Lng-A-T	62	chr11:88190150-88190250
chr11	88235650	88235750	1274-Lng-A-T	49	chr11:88235650-88235750
chr11	88253650	88253750	1223-Lng-D-T	58	chr11:88253650-88253750
chr11	88288850	88288950	901-Lng-A-T	75	chr11:88288850-88288950
chr11	88308850	88308950	1274-Lng-A-T	85	chr11:88308850-88308950
chr11	88323750	88323850	1223-Lng-C-T	52	chr11:88323750-88323850
chr11	88327250	88327350	1223-Lng-D-T	41	chr11:88327250-88327350
chr11	88408350	88408450	1152-Lng-A-T	66	chr11:88408350-88408450
chr11	88505350	88505450	1167-Lng-A-T	140	chr11:88505350-88505450
chr11	88576250	88576350	1065-Lng-B-T	54	chr11:88576250-88576350
chr11	88583650	88583750	1223-Lng-C-T	44	chr11:88583650-88583750
chr11	88724050	88724150	1223-Lng-C-T	54	chr11:88724050-88724150
chr11	88762650	88762750	1004-Lng-A-T	85	chr11:88762650-88762750
chr11	88901350	88901450	1274-Lng-A-T	74	chr11:88901350-88901450
chr11	89099950	89100050	1065-Lng-A-T	55	chr11:89099950-89100050
chr11	89400650	89400750	1167-Lng-A-T	72	chr11:89400650-89400750
chr11	89609750	89609850	1065-Lng-B-T	638	chr11:89609750-89609850
chr11	89880650	89880750	1065-Lng-B-T	44	chr11:89880650-89880750
chr11	90051450	90051550	1100-Lng-A-T	66	chr11:90051450-90051550
chr11	90113050	90113150	1274-Lng-A-T	63	chr11:90113050-90113150
chr11	90141350	90141450	1004-Lng-A-T	95	chr11:90141350-90141450
chr11	90461450	90461550	1223-Lng-D-T	48	chr11:90461450-90461550
chr11	90496950	90497050	1072-Lng-A-T	59	chr11:90496950-90497050
chr11	90774450	90774550	901-Lng-C-T	36	chr11:90774450-90774550
chr11	91060850	91060950	901-Lng-B-T	42	chr11:91060850-91060950
chr11	91194950	91195050	1072-Lng-A-T	149	chr11:91194950-91195050
chr11	91281150	91281250	1065-Lng-B-T	54	chr11:91281150-91281250
chr11	91425950	91426050	1072-Lng-A-T	53	chr11:91425950-91426050
chr11	91585050	91585150	1065-Lng-C-T	87	chr11:91585050-91585150
chr11	91689950	91690050	1274-Lng-A-T	182	chr11:91689950-91690050
chr11	91838450	91838550	1090-Lng-A-T	44	chr11:91838450-91838550
chr11	91905950	91906050	901-Lng-C-T	79	chr11:91905950-91906050
chr11	91929350	91929450	846-Lng-A-T	73	chr11:91929350-91929450
chr11	92064150	92064250	1065-Lng-A-T	73	chr11:92064150-92064250
chr11	92098950	92099050	1223-Lng-B-T	43	chr11:92098950-92099050
chr11	92166250	92166350	1152-Lng-A-T	93	chr11:92166250-92166350
chr11	92336450	92336550	1004-Lng-A-T	90	chr11:92336450-92336550
chr11	92666750	92666850	1223-Lng-B-T	36	chr11:92666750-92666850
chr11	92687850	92687950	1090-Lng-A-T	52	chr11:92687850-92687950

Table S2: SB Insertion regions

chr11	92866750	92866850	1152-Lng-A-T	309	chr11:92866750-92866850
chr11	93099750	93099850	846-Lng-A-T	44	chr11:93099750-93099850
chr11	93219350	93219450	1274-Lng-A-T	68	chr11:93219350-93219450
chr11	93791550	93791650	1072-Lng-A-T	651	chr11:93791550-93791650
chr11	93872650	93872750	1100-Lng-A-T	234	chr11:93872650-93872750
chr11	93888450	93888550	901-Lng-C-T	31	chr11:93888450-93888550
chr11	93897050	93897150	1065-Lng-C-T	90	chr11:93897050-93897150
chr11	93900850	93900950	901-Lng-C-T	2143	chr11:93900850-93900950
chr11	93901250	93901350	901-Lng-C-T	66	chr11:93901250-93901350
chr11	93901250	93901350	1065-Lng-A-T	169	chr11:93901250-93901350
chr11	93912650	93912750	901-Lng-C-T	99	chr11:93912650-93912750
chr11	93942150	93942250	1167-Lng-A-T	95	chr11:93942150-93942250
chr11	93945950	93946050	1151-Lng-A-T	57	chr11:93945950-93946050
chr11	94141350	94141450	901-Lng-B-T	146	chr11:94141350-94141450
chr11	94159650	94159750	1004-Lng-A-T	50	chr11:94159650-94159750
chr11	94169350	94169450	1072-Lng-A-T	64	chr11:94169350-94169450
chr11	94257050	94257150	901-Lng-D-T	54	chr11:94257050-94257150
chr11	94361650	94361750	901-Lng-B-T	38	chr11:94361650-94361750
chr11	94856950	94857050	901-Lng-C-T	40	chr11:94856950-94857050
chr11	95135850	95135950	901-Lng-C-T	69	chr11:95135850-95135950
chr11	95203450	95203550	846-Lng-A-T	131	chr11:95203450-95203550
chr11	95209450	95209550	1004-Lng-A-T	3102	chr11:95209450-95209550
chr11	95271650	95271750	1151-Lng-A-T	258	chr11:95271650-95271750
chr11	95281350	95281450	1223-Lng-D-T	170	chr11:95281350-95281450
chr11	95285050	95285150	1152-Lng-A-T	66	chr11:95285050-95285150
chr11	95306450	95306550	1274-Lng-A-T	79	chr11:95306450-95306550
chr11	95319550	95319650	1100-Lng-A-T	154	chr11:95319550-95319650
chr11	95321850	95321950	1004-Lng-A-T	67	chr11:95321850-95321950
chr11	95518450	95518550	1188-Lng-A-T	93	chr11:95518450-95518550
chr11	95539750	95539850	1223-Lng-A-T	223	chr11:95539750-95539850
chr11	95568750	95568850	1223-Lng-B-T	58	chr11:95568750-95568850
chr11	95578050	95578150	1223-Lng-A-T	109	chr11:95578050-95578150
chr11	95608050	95608150	901-Lng-C-T	37	chr11:95608050-95608150
chr11	95610550	95610650	901-Lng-C-T	54	chr11:95610550-95610650
chr11	95634950	95635050	901-Lng-A-T	426	chr11:95634950-95635050
chr11	95716750	95716850	1072-Lng-A-T	212	chr11:95716750-95716850
chr11	95887750	95887850	1167-Lng-A-T	61	chr11:95887750-95887850
chr11	96312550	96312650	901-Lng-B-T	76	chr11:96312550-96312650
chr11	96406050	96406150	1072-Lng-A-T	58	chr11:96406050-96406150
chr11	96445750	96445850	1065-Lng-A-T	102	chr11:96445750-96445850
chr11	96615750	96615850	1151-Lng-A-T	382	chr11:96615750-96615850
chr11	96698350	96698450	1065-Lng-C-T	81	chr11:96698350-96698450
chr11	96785250	96785350	1274-Lng-A-T	193	chr11:96785250-96785350
chr11	97018950	97019050	1223-Lng-B-T	47	chr11:97018950-97019050
chr11	97043150	97043250	1100-Lng-A-T	91	chr11:97043150-97043250
chr11	97084050	97084150	901-Lng-C-T	106	chr11:97084050-97084150

Table S2: SB Insertion regions

chr11	97084050	97084150	1151-Lng-A-T	129	chr11:97084050-97084150
chr11	97101550	97101650	1152-Lng-A-T	45	chr11:97101550-97101650
chr11	97125450	97125550	1188-Lng-A-T	45	chr11:97125450-97125550
chr11	97191750	97191850	1188-Lng-A-T	36	chr11:97191750-97191850
chr11	97230250	97230350	1004-Lng-A-T	70	chr11:97230250-97230350
chr11	97399550	97399650	1151-Lng-A-T	54	chr11:97399550-97399650
chr11	97431550	97431650	901-Lng-D-T	218	chr11:97431550-97431650
chr11	97666550	97666650	1065-Lng-C-T	909	chr11:97666550-97666650
chr11	97679150	97679250	1151-Lng-A-T	111	chr11:97679150-97679250
chr11	97895050	97895150	1274-Lng-A-T	427	chr11:97895050-97895150
chr11	97957550	97957650	1151-Lng-A-T	285	chr11:97957550-97957650
chr11	98014450	98014550	1090-Lng-B-T	272	chr11:98014450-98014550
chr11	98068550	98068650	901-Lng-A-T	146	chr11:98068550-98068650
chr11	98171650	98171750	1100-Lng-A-T	67	chr11:98171650-98171750
chr11	98220850	98220950	1188-Lng-A-T	198	chr11:98220850-98220950
chr11	98227350	98227450	1274-Lng-A-T	224	chr11:98227350-98227450
chr11	98467050	98467150	1274-Lng-A-T	52	chr11:98467050-98467150
chr11	98641650	98641750	1090-Lng-A-T	60	chr11:98641650-98641750
chr11	98647050	98647150	1274-Lng-A-T	409	chr11:98647050-98647150
chr11	98730450	98730550	1152-Lng-A-T	84	chr11:98730450-98730550
chr11	98800150	98800250	1223-Lng-B-T	87	chr11:98800150-98800250
chr11	99070350	99070450	1100-Lng-A-T	76	chr11:99070350-99070450
chr11	99077950	99078050	1072-Lng-A-T	132	chr11:99077950-99078050
chr11	99342950	99343050	846-Lng-A-T	117	chr11:99342950-99343050
chr11	99371950	99372050	1223-Lng-D-T	42	chr11:99371950-99372050
chr11	99468750	99468850	1100-Lng-A-T	98	chr11:99468750-99468850
chr11	99588250	99588350	901-Lng-B-T	83	chr11:99588250-99588350
chr11	99650450	99650550	1004-Lng-A-T	65	chr11:99650450-99650550
chr11	100229050	100229150	1167-Lng-A-T	70	chr11:100229050-100229150
chr11	100329650	100329750	1090-Lng-A-T	60	chr11:100329650-100329750
chr11	100387950	100388050	901-Lng-D-T	180	chr11:100387950-100388050
chr11	100399250	100399350	1223-Lng-C-T	43	chr11:100399250-100399350
chr11	100404150	100404250	1100-Lng-A-T	51	chr11:100404150-100404250
chr11	100423150	100423250	901-Lng-A-T	227	chr11:100423150-100423250
chr11	100685050	100685150	1152-Lng-A-T	32	chr11:100685050-100685150
chr11	100969250	100969350	901-Lng-B-T	83	chr11:100969250-100969350
chr11	100976750	100976850	846-Lng-A-T	62	chr11:100976750-100976850
chr11	101291950	101292050	1274-Lng-A-T	66	chr11:101291950-101292050
chr11	101504250	101504350	1090-Lng-A-T	79	chr11:101504250-101504350
chr11	101509050	101509150	846-Lng-A-T	175	chr11:101509050-101509150
chr11	101573650	101573750	1188-Lng-A-T	44	chr11:101573650-101573750
chr11	101748250	101748350	1223-Lng-D-T	99	chr11:101748250-101748350
chr11	102029750	102029850	1223-Lng-B-T	38	chr11:102029750-102029850
chr11	102193750	102193850	1072-Lng-A-T	191	chr11:102193750-102193850
chr11	102238350	102238450	1065-Lng-A-T	40	chr11:102238350-102238450
chr11	102285650	102285750	1223-Lng-A-T	1582	chr11:102285650-102285750

Table S2: SB Insertion regions

chr11	102292650	102292750	1223-Lng-D-T	230	chr11:102292650-102292750
chr11	102350150	102350250	1072-Lng-A-T	56	chr11:102350150-102350250
chr11	102358850	102358950	1004-Lng-A-T	62	chr11:102358850-102358950
chr11	102377550	102377650	1274-Lng-A-T	211	chr11:102377550-102377650
chr11	102741150	102741250	1151-Lng-A-T	55	chr11:102741150-102741250
chr11	102838850	102838950	1274-Lng-A-T	128	chr11:102838850-102838950
chr11	102871650	102871750	901-Lng-C-T	230	chr11:102871650-102871750
chr11	102886650	102886750	1090-Lng-A-T	56	chr11:102886650-102886750
chr11	102983750	102983850	1100-Lng-A-T	154	chr11:102983750-102983850
chr11	102987250	102987350	1223-Lng-C-T	48	chr11:102987250-102987350
chr11	103197950	103198050	1274-Lng-A-T	73	chr11:103197950-103198050
chr11	103551850	103551950	1152-Lng-A-T	32	chr11:103551850-103551950
chr11	104219550	104219650	1167-Lng-A-T	100	chr11:104219550-104219650
chr11	104228450	104228550	1274-Lng-A-T	93	chr11:104228450-104228550
chr11	104256150	104256250	901-Lng-C-T	50	chr11:104256150-104256250
chr11	104257550	104257650	1090-Lng-A-T	52	chr11:104257550-104257650
chr11	104260250	104260350	1223-Lng-B-T	151	chr11:104260250-104260350
chr11	104280850	104280950	1065-Lng-B-T	266	chr11:104280850-104280950
chr11	104309450	104309550	1100-Lng-A-T	84	chr11:104309450-104309550
chr11	104328750	104328850	1152-Lng-A-T	212	chr11:104328750-104328850
chr11	104380150	104380250	1090-Lng-A-T	57	chr11:104380150-104380250
chr11	104532550	104532650	1167-Lng-A-T	134	chr11:104532550-104532650
chr11	105038250	105038350	1065-Lng-B-T	84	chr11:105038250-105038350
chr11	105039850	105039950	901-Lng-A-T	57	chr11:105039850-105039950
chr11	105082850	105082950	1167-Lng-A-T	56	chr11:105082850-105082950
chr11	105117950	105118050	1004-Lng-A-T	67	chr11:105117950-105118050
chr11	105140950	105141050	1152-Lng-A-T	65	chr11:105140950-105141050
chr11	105186450	105186550	1274-Lng-A-T	85	chr11:105186450-105186550
chr11	105275350	105275450	1223-Lng-D-T	64	chr11:105275350-105275450
chr11	105330350	105330450	1188-Lng-A-T	42	chr11:105330350-105330450
chr11	105345150	105345250	1100-Lng-A-T	125	chr11:105345150-105345250
chr11	105365550	105365650	1223-Lng-B-T	47	chr11:105365550-105365650
chr11	105458350	105458450	1004-Lng-A-T	66	chr11:105458350-105458450
chr11	105477450	105477550	1065-Lng-C-T	99	chr11:105477450-105477550
chr11	105481250	105481350	1223-Lng-D-T	44	chr11:105481250-105481350
chr11	105513850	105513950	1223-Lng-C-T	58	chr11:105513850-105513950
chr11	105515450	105515550	1100-Lng-A-T	55	chr11:105515450-105515550
chr11	105615950	105616050	1223-Lng-A-T	121	chr11:105615950-105616050
chr11	105623450	105623550	1072-Lng-A-T	62	chr11:105623450-105623550
chr11	105690750	105690850	1167-Lng-A-T	126	chr11:105690750-105690850
chr11	105705050	105705150	1223-Lng-C-T	43	chr11:105705050-105705150
chr11	105725450	105725550	1223-Lng-B-T	173	chr11:105725450-105725550
chr11	105787650	105787750	1072-Lng-A-T	174	chr11:105787650-105787750
chr11	105820150	105820250	901-Lng-A-T	55	chr11:105820150-105820250
chr11	105906250	105906350	1065-Lng-B-T	70	chr11:105906250-105906350
chr11	105968450	105968550	901-Lng-A-T	63	chr11:105968450-105968550

Table S2: SB Insertion regions

chr11	105977450	105977550	901-Lng-B-T	43	chr11:105977450-105977550
chr11	106010350	106010450	846-Lng-A-T	46	chr11:106010350-106010450
chr11	106061350	106061450	1152-Lng-A-T	43	chr11:106061350-106061450
chr11	106279150	106279250	1223-Lng-C-T	45	chr11:106279150-106279250
chr11	106301350	106301450	1152-Lng-A-T	168	chr11:106301350-106301450
chr11	106346350	106346450	1188-Lng-A-T	79	chr11:106346350-106346450
chr11	106471950	106472050	1274-Lng-A-T	101	chr11:106471950-106472050
chr11	106664350	106664450	1188-Lng-A-T	277	chr11:106664350-106664450
chr11	106665550	106665650	1274-Lng-A-T	69	chr11:106665550-106665650
chr11	106666450	106666550	1152-Lng-A-T	84	chr11:106666450-106666550
chr11	106687250	106687350	1090-Lng-A-T	55	chr11:106687250-106687350
chr11	106723850	106723950	1100-Lng-A-T	95	chr11:106723850-106723950
chr11	106726550	106726650	1152-Lng-A-T	36	chr11:106726550-106726650
chr11	106728050	106728150	1152-Lng-A-T	82	chr11:106728050-106728150
chr11	106763950	106764050	1100-Lng-B-T	62	chr11:106763950-106764050
chr11	106942950	106943050	1151-Lng-A-T	6064	chr11:106942950-106943050
chr11	106995050	106995150	1274-Lng-A-T	167	chr11:106995050-106995150
chr11	107011150	107011250	1065-Lng-B-T	84	chr11:107011150-107011250
chr11	107047150	107047250	1090-Lng-A-T	45	chr11:107047150-107047250
chr11	107244850	107244950	1151-Lng-A-T	60	chr11:107244850-107244950
chr11	107266050	107266150	1065-Lng-A-T	59	chr11:107266050-107266150
chr11	107456750	107456850	1152-Lng-A-T	71	chr11:107456750-107456850
chr11	107477950	107478050	1188-Lng-A-T	40	chr11:107477950-107478050
chr11	107480150	107480250	1188-Lng-A-T	35	chr11:107480150-107480250
chr11	107508350	107508450	901-Lng-D-T	192	chr11:107508350-107508450
chr11	107520950	107521050	1100-Lng-B-T	51	chr11:107520950-107521050
chr11	107978250	107978350	1072-Lng-A-T	53	chr11:107978250-107978350
chr11	108131350	108131450	1274-Lng-A-T	53	chr11:108131350-108131450
chr11	108165750	108165850	1004-Lng-A-T	52	chr11:108165750-108165850
chr11	108184350	108184450	901-Lng-C-T	75	chr11:108184350-108184450
chr11	108197150	108197250	1100-Lng-A-T	105	chr11:108197150-108197250
chr11	108454050	108454150	846-Lng-A-T	209	chr11:108454050-108454150
chr11	108612150	108612250	1152-Lng-A-T	49	chr11:108612150-108612250
chr11	108795150	108795250	1065-Lng-B-T	48	chr11:108795150-108795250
chr11	109082650	109082750	1151-Lng-A-T	76	chr11:109082650-109082750
chr11	109227550	109227650	901-Lng-A-T	121	chr11:109227550-109227650
chr11	109236650	109236750	1151-Lng-A-T	58	chr11:109236650-109236750
chr11	109267950	109268050	1090-Lng-A-T	56	chr11:109267950-109268050
chr11	109304650	109304750	1188-Lng-A-T	361	chr11:109304650-109304750
chr11	109390150	109390250	1151-Lng-A-T	2149	chr11:109390150-109390250
chr11	109407450	109407550	1274-Lng-A-T	63	chr11:109407450-109407550
chr11	109423050	109423150	1065-Lng-A-T	50	chr11:109423050-109423150
chr11	109525050	109525150	1167-Lng-A-T	84	chr11:109525050-109525150
chr11	109528550	109528650	1100-Lng-A-T	51	chr11:109528550-109528650
chr11	109561950	109562050	901-Lng-C-T	193	chr11:109561950-109562050
chr11	109713250	109713350	1004-Lng-A-T	308	chr11:109713250-109713350

Table S2: SB Insertion regions

chr11	109740150	109740250	1223-Lng-D-T	42	chr11:109740150-109740250
chr11	109984550	109984650	901-Lng-A-T	143	chr11:109984550-109984650
chr11	110116650	110116750	901-Lng-A-T	532	chr11:110116650-110116750
chr11	110409550	110409650	1004-Lng-A-T	73	chr11:110409550-110409650
chr11	110415550	110415650	1065-Lng-A-T	52	chr11:110415550-110415650
chr11	110548750	110548850	1223-Lng-B-T	46	chr11:110548750-110548850
chr11	110943150	110943250	1065-Lng-C-T	124	chr11:110943150-110943250
chr11	111095950	111096050	846-Lng-A-T	47	chr11:111095950-111096050
chr11	111110950	111111050	901-Lng-C-T	82	chr11:111110950-111111050
chr11	111546150	111546250	1065-Lng-A-T	95	chr11:111546150-111546250
chr11	111586950	111587050	901-Lng-B-T	211	chr11:111586950-111587050
chr11	111620450	111620550	1065-Lng-A-T	36	chr11:111620450-111620550
chr11	111789850	111789950	1065-Lng-C-T	116	chr11:111789850-111789950
chr11	112164950	112165050	901-Lng-B-T	122	chr11:112164950-112165050
chr11	112366650	112366750	901-Lng-A-T	90	chr11:112366650-112366750
chr11	112713250	112713350	1152-Lng-A-T	64	chr11:112713250-112713350
chr11	112806950	112807050	1065-Lng-B-T	60	chr11:112806950-112807050
chr11	113266150	113266250	1151-Lng-A-T	277	chr11:113266150-113266250
chr11	113363050	113363150	1072-Lng-A-T	142	chr11:113363050-113363150
chr11	113496050	113496150	901-Lng-C-T	46	chr11:113496050-113496150
chr11	113542250	113542350	1223-Lng-B-T	60	chr11:113542250-113542350
chr11	113548750	113548850	1223-Lng-A-T	184	chr11:113548750-113548850
chr11	114639550	114639650	1274-Lng-A-T	136	chr11:114639550-114639650
chr11	114702750	114702850	1167-Lng-A-T	140	chr11:114702750-114702850
chr11	114716250	114716350	1274-Lng-A-T	193	chr11:114716250-114716350
chr11	114852450	114852550	1065-Lng-C-T	83	chr11:114852450-114852550
chr11	115084650	115084750	1090-Lng-A-T	66	chr11:115084650-115084750
chr11	115137050	115137150	1065-Lng-A-T	40	chr11:115137050-115137150
chr11	115147150	115147250	1090-Lng-A-T	54	chr11:115147150-115147250
chr11	115533450	115533550	1004-Lng-A-T	49	chr11:115533450-115533550
chr11	115559950	115560050	1188-Lng-A-T	34	chr11:115559950-115560050
chr11	115583950	115584050	1065-Lng-A-T	79	chr11:115583950-115584050
chr11	115905850	115905950	1151-Lng-A-T	54	chr11:115905850-115905950
chr11	115905950	115906050	901-Lng-C-T	45	chr11:115905950-115906050
chr11	116032250	116032350	1100-Lng-A-T	413	chr11:116032250-116032350
chr11	116075450	116075550	1274-Lng-A-T	78	chr11:116075450-116075550
chr11	116119250	116119350	1090-Lng-A-T	52	chr11:116119250-116119350
chr11	116365050	116365150	1274-Lng-A-T	79	chr11:116365050-116365150
chr11	116379350	116379450	1274-Lng-A-T	50	chr11:116379350-116379450
chr11	116538950	116539050	1223-Lng-A-T	152	chr11:116538950-116539050
chr11	117011250	117011350	1065-Lng-A-T	38	chr11:117011250-117011350
chr11	117185450	117185550	1274-Lng-A-T	226	chr11:117185450-117185550
chr11	117269650	117269750	1090-Lng-B-T	143	chr11:117269650-117269750
chr11	117404250	117404350	1100-Lng-A-T	186	chr11:117404250-117404350
chr11	117576950	117577050	1090-Lng-A-T	222	chr11:117576950-117577050
chr11	117607750	117607850	901-Lng-C-T	195	chr11:117607750-117607850

Table S2: SB Insertion regions

chr11	117885150	117885250	1065-Lng-B-T	59	chr11:117885150-117885250
chr11	118044650	118044750	1151-Lng-A-T	74	chr11:118044650-118044750
chr11	118060150	118060250	846-Lng-A-T	78	chr11:118060150-118060250
chr11	118203250	118203350	1065-Lng-B-T	60	chr11:118203250-118203350
chr11	118526150	118526250	901-Lng-D-T	237	chr11:118526150-118526250
chr11	119185550	119185650	1152-Lng-A-T	69	chr11:119185550-119185650
chr11	119567150	119567250	1274-Lng-A-T	68	chr11:119567150-119567250
chr11	119602250	119602350	1188-Lng-A-T	41	chr11:119602250-119602350
chr11	119626250	119626350	1100-Lng-A-T	56	chr11:119626250-119626350
chr11	119651450	119651550	1274-Lng-A-T	99	chr11:119651450-119651550
chr11	119657450	119657550	1065-Lng-C-T	72	chr11:119657450-119657550
chr11	119703450	119703550	1188-Lng-A-T	218	chr11:119703450-119703550
chr11	119714650	119714750	1065-Lng-A-T	58	chr11:119714650-119714750
chr11	119835050	119835150	1152-Lng-A-T	134	chr11:119835050-119835150
chr11	120005950	120006050	1188-Lng-A-T	38	chr11:120005950-120006050
chr11	120140650	120140750	1152-Lng-A-T	90	chr11:120140650-120140750
chr11	120204450	120204550	1167-Lng-A-T	72	chr11:120204450-120204550
chr11	120251850	120251950	1065-Lng-C-T	74	chr11:120251850-120251950
chr11	120290150	120290250	1152-Lng-A-T	67	chr11:120290150-120290250
chr11	120425850	120425950	1223-Lng-C-T	57	chr11:120425850-120425950
chr11	120637250	120637350	1090-Lng-B-T	142	chr11:120637250-120637350
chr11	120726950	120727050	1065-Lng-C-T	128	chr11:120726950-120727050
chr11	120839950	120840050	1152-Lng-A-T	39	chr11:120839950-120840050
chr11	121052550	121052650	1151-Lng-A-T	232	chr11:121052550-121052650
chr11	121140150	121140250	846-Lng-A-T	49	chr11:121140150-121140250
chr11	121151250	121151350	1223-Lng-C-T	221	chr11:121151250-121151350
chr11	121163650	121163750	1167-Lng-A-T	113	chr11:121163650-121163750
chr11	121164050	121164150	1090-Lng-B-T	508	chr11:121164050-121164150
chr11	121276950	121277050	1167-Lng-A-T	71	chr11:121276950-121277050
chr11	121296850	121296950	901-Lng-D-T	152	chr11:121296850-121296950
chr11	121399250	121399350	901-Lng-C-T	59	chr11:121399250-121399350
chr11	121402150	121402250	901-Lng-C-T	2894	chr11:121402150-121402250
chr11	121801750	121801850	1223-Lng-C-T	59	chr11:121801750-121801850
chr12	3109950	3110050	1152-Lng-A-T	34	chr12:3109950-3110050
chr12	3117550	3117650	1223-Lng-C-T	43	chr12:3117550-3117650
chr12	3270950	3271050	1223-Lng-D-T	44	chr12:3270950-3271050
chr12	3273750	3273850	1223-Lng-C-T	71	chr12:3273750-3273850
chr12	3289150	3289250	1223-Lng-B-T	46	chr12:3289150-3289250
chr12	3397650	3397750	1065-Lng-A-T	391	chr12:3397650-3397750
chr12	3397750	3397850	1004-Lng-A-T	59	chr12:3397750-3397850
chr12	3408850	3408950	901-Lng-A-T	75	chr12:3408850-3408950
chr12	3439750	3439850	1274-Lng-A-T	50	chr12:3439750-3439850
chr12	3440150	3440250	1274-Lng-A-T	52	chr12:3440150-3440250
chr12	3464350	3464450	901-Lng-D-T	886	chr12:3464350-3464450
chr12	3464350	3464450	1167-Lng-A-T	52	chr12:3464350-3464450
chr12	3466250	3466350	901-Lng-C-T	219	chr12:3466250-3466350

Table S2: SB Insertion regions

chr12	3467650	3467750	846-Lng-A-T	1293	chr12:3467650-3467750
chr12	3478650	3478750	1065-Lng-C-T	96	chr12:3478650-3478750
chr12	3485750	3485850	901-Lng-B-T	90	chr12:3485750-3485850
chr12	3662350	3662450	1100-Lng-A-T	62	chr12:3662350-3662450
chr12	3694250	3694350	1065-Lng-B-T	69	chr12:3694250-3694350
chr12	3759650	3759750	1151-Lng-A-T	502	chr12:3759650-3759750
chr12	3810250	3810350	901-Lng-C-T	38	chr12:3810250-3810350
chr12	3883950	3884050	901-Lng-A-T	67	chr12:3883950-3884050
chr12	4082050	4082150	1004-Lng-A-T	68	chr12:4082050-4082150
chr12	4248550	4248650	1223-Lng-A-T	108	chr12:4248550-4248650
chr12	4256950	4257050	1152-Lng-A-T	79	chr12:4256950-4257050
chr12	4271050	4271150	1152-Lng-A-T	81	chr12:4271050-4271150
chr12	4348850	4348950	1100-Lng-B-T	51	chr12:4348850-4348950
chr12	4354650	4354750	1090-Lng-A-T	84	chr12:4354650-4354750
chr12	4389850	4389950	1274-Lng-A-T	103	chr12:4389850-4389950
chr12	4394750	4394850	1151-Lng-A-T	389	chr12:4394750-4394850
chr12	4399950	4400050	1223-Lng-D-T	40	chr12:4399950-4400050
chr12	4424050	4424150	1090-Lng-A-T	87	chr12:4424050-4424150
chr12	4607950	4608050	1223-Lng-B-T	201	chr12:4607950-4608050
chr12	4611550	4611650	1223-Lng-D-T	122	chr12:4611550-4611650
chr12	4612950	4613050	1223-Lng-A-T	69	chr12:4612950-4613050
chr12	4639150	4639250	1223-Lng-A-T	154	chr12:4639150-4639250
chr12	4647550	4647650	1167-Lng-A-T	121	chr12:4647550-4647650
chr12	4696750	4696850	1152-Lng-A-T	100	chr12:4696750-4696850
chr12	4883250	4883350	901-Lng-C-T	36	chr12:4883250-4883350
chr12	4888850	4888950	1090-Lng-A-T	76	chr12:4888850-4888950
chr12	4912850	4912950	1151-Lng-A-T	377	chr12:4912850-4912950
chr12	4936450	4936550	1065-Lng-B-T	200	chr12:4936450-4936550
chr12	4937950	4938050	1188-Lng-A-T	41	chr12:4937950-4938050
chr12	4979950	4980050	1004-Lng-A-T	130	chr12:4979950-4980050
chr12	5021550	5021650	1188-Lng-A-T	45	chr12:5021550-5021650
chr12	5029450	5029550	1065-Lng-B-T	97	chr12:5029450-5029550
chr12	5075550	5075650	1065-Lng-C-T	78	chr12:5075550-5075650
chr12	5193450	5193550	1223-Lng-C-T	43	chr12:5193450-5193550
chr12	5248150	5248250	901-Lng-B-T	285	chr12:5248150-5248250
chr12	5255350	5255450	1004-Lng-A-T	51	chr12:5255350-5255450
chr12	5287350	5287450	901-Lng-D-T	354	chr12:5287350-5287450
chr12	5391650	5391750	1004-Lng-A-T	89	chr12:5391650-5391750
chr12	5433950	5434050	1004-Lng-A-T	550	chr12:5433950-5434050
chr12	5696650	5696750	1223-Lng-B-T	48	chr12:5696650-5696750
chr12	5710550	5710650	846-Lng-A-T	72	chr12:5710550-5710650
chr12	5965750	5965850	1223-Lng-B-T	34	chr12:5965750-5965850
chr12	6076350	6076450	901-Lng-B-T	213	chr12:6076350-6076450
chr12	6215350	6215450	846-Lng-A-T	66	chr12:6215350-6215450
chr12	6300450	6300550	1004-Lng-A-T	73	chr12:6300450-6300550
chr12	6437650	6437750	1223-Lng-B-T	45	chr12:6437650-6437750

Table S2: SB Insertion regions

chr12	6551650	6551750	1065-Lng-B-T	75	chr12:6551650-6551750
chr12	6820450	6820550	1004-Lng-A-T	78	chr12:6820450-6820550
chr12	7076050	7076150	1100-Lng-A-T	97	chr12:7076050-7076150
chr12	7077250	7077350	901-Lng-C-T	50	chr12:7077250-7077350
chr12	7189650	7189750	1004-Lng-A-T	86	chr12:7189650-7189750
chr12	7392850	7392950	1100-Lng-A-T	51	chr12:7392850-7392950
chr12	7409550	7409650	1090-Lng-A-T	97	chr12:7409550-7409650
chr12	7546050	7546150	1223-Lng-B-T	57	chr12:7546050-7546150
chr12	7609150	7609250	1152-Lng-A-T	97	chr12:7609150-7609250
chr12	7693850	7693950	901-Lng-A-T	103	chr12:7693850-7693950
chr12	7695150	7695250	1223-Lng-C-T	48	chr12:7695150-7695250
chr12	7822050	7822150	1065-Lng-B-T	45	chr12:7822050-7822150
chr12	7861050	7861150	901-Lng-C-T	51	chr12:7861050-7861150
chr12	7885550	7885650	1274-Lng-A-T	59	chr12:7885550-7885650
chr12	8251850	8251950	1152-Lng-A-T	109	chr12:8251850-8251950
chr12	8256250	8256350	1004-Lng-A-T	82	chr12:8256250-8256350
chr12	8343550	8343650	1004-Lng-A-T	172	chr12:8343550-8343650
chr12	8452850	8452950	1100-Lng-A-T	71	chr12:8452850-8452950
chr12	8575850	8575950	901-Lng-C-T	59	chr12:8575850-8575950
chr12	8577250	8577350	1004-Lng-A-T	150	chr12:8577250-8577350
chr12	8687850	8687950	1004-Lng-A-T	283	chr12:8687850-8687950
chr12	8694950	8695050	901-Lng-B-T	139	chr12:8694950-8695050
chr12	8705250	8705350	1152-Lng-A-T	376	chr12:8705250-8705350
chr12	8722850	8722950	1090-Lng-A-T	59	chr12:8722850-8722950
chr12	8738650	8738750	1223-Lng-C-T	46	chr12:8738650-8738750
chr12	8875850	8875950	1004-Lng-A-T	88	chr12:8875850-8875950
chr12	8896750	8896850	1223-Lng-D-T	49	chr12:8896750-8896850
chr12	8921450	8921550	1065-Lng-A-T	48	chr12:8921450-8921550
chr12	8934650	8934750	901-Lng-A-T	483	chr12:8934650-8934750
chr12	8935350	8935450	1004-Lng-A-T	2018	chr12:8935350-8935450
chr12	8960750	8960850	1152-Lng-A-T	59	chr12:8960750-8960850
chr12	9175650	9175750	1072-Lng-A-T	191	chr12:9175650-9175750
chr12	9223950	9224050	1065-Lng-A-T	44	chr12:9223950-9224050
chr12	9504450	9504550	1274-Lng-A-T	91	chr12:9504450-9504550
chr12	9527250	9527350	1223-Lng-A-T	147	chr12:9527250-9527350
chr12	9999050	9999150	1090-Lng-A-T	57	chr12:9999050-9999150
chr12	10151050	10151150	1072-Lng-A-T	241	chr12:10151050-10151150
chr12	10174650	10174750	846-Lng-A-T	48	chr12:10174650-10174750
chr12	10227050	10227150	1151-Lng-A-T	220	chr12:10227050-10227150
chr12	10397250	10397350	901-Lng-D-T	50	chr12:10397250-10397350
chr12	10461850	10461950	1167-Lng-A-T	111	chr12:10461850-10461950
chr12	10561650	10561750	1151-Lng-A-T	162	chr12:10561650-10561750
chr12	10591950	10592050	1167-Lng-A-T	108	chr12:10591950-10592050
chr12	10723650	10723750	1274-Lng-A-T	149	chr12:10723650-10723750
chr12	10789650	10789750	1188-Lng-A-T	146	chr12:10789650-10789750
chr12	11164550	11164650	1152-Lng-A-T	62	chr12:11164550-11164650

Table S2: SB Insertion regions

chr12	11274750	11274850	901-Lng-B-T	337	chr12:11274750-11274850
chr12	11276050	11276150	1100-Lng-A-T	96	chr12:11276050-11276150
chr12	11290150	11290250	1004-Lng-A-T	127	chr12:11290150-11290250
chr12	11302050	11302150	901-Lng-C-T	90	chr12:11302050-11302150
chr12	11315350	11315450	1004-Lng-A-T	136	chr12:11315350-11315450
chr12	11363350	11363450	901-Lng-A-T	86	chr12:11363350-11363450
chr12	11527550	11527650	1004-Lng-A-T	1026	chr12:11527550-11527650
chr12	11628850	11628950	1065-Lng-C-T	61	chr12:11628850-11628950
chr12	11656950	11657050	1065-Lng-C-T	61	chr12:11656950-11657050
chr12	11686650	11686750	1100-Lng-A-T	76	chr12:11686650-11686750
chr12	11729650	11729750	1223-Lng-C-T	49	chr12:11729650-11729750
chr12	11768350	11768450	1188-Lng-A-T	255	chr12:11768350-11768450
chr12	11813050	11813150	1004-Lng-A-T	94	chr12:11813050-11813150
chr12	12020050	12020150	1152-Lng-A-T	48	chr12:12020050-12020150
chr12	12498950	12499050	1065-Lng-A-T	46	chr12:12498950-12499050
chr12	12618050	12618150	1065-Lng-B-T	47	chr12:12618050-12618150
chr12	12701950	12702050	901-Lng-D-T	58	chr12:12701950-12702050
chr12	12771350	12771450	1274-Lng-A-T	143	chr12:12771350-12771450
chr12	12815750	12815850	1274-Lng-A-T	72	chr12:12815750-12815850
chr12	12841450	12841550	1167-Lng-A-T	69	chr12:12841450-12841550
chr12	12872550	12872650	1065-Lng-B-T	122	chr12:12872550-12872650
chr12	12876150	12876250	1004-Lng-A-T	125	chr12:12876150-12876250
chr12	13046150	13046250	846-Lng-A-T	135	chr12:13046150-13046250
chr12	13186850	13186950	1100-Lng-B-T	989	chr12:13186850-13186950
chr12	13253650	13253750	1004-Lng-A-T	671	chr12:13253650-13253750
chr12	13284350	13284450	1274-Lng-A-T	80	chr12:13284350-13284450
chr12	13291450	13291550	901-Lng-C-T	28	chr12:13291450-13291550
chr12	13300850	13300950	1072-Lng-A-T	73	chr12:13300850-13300950
chr12	13324450	13324550	1065-Lng-B-T	54	chr12:13324450-13324550
chr12	13416050	13416150	1004-Lng-A-T	76	chr12:13416050-13416150
chr12	13488350	13488450	901-Lng-C-T	152	chr12:13488350-13488450
chr12	13569750	13569850	1004-Lng-A-T	73	chr12:13569750-13569850
chr12	13637550	13637650	1188-Lng-A-T	56	chr12:13637550-13637650
chr12	13821250	13821350	901-Lng-B-T	50	chr12:13821250-13821350
chr12	14028250	14028350	1090-Lng-A-T	46	chr12:14028250-14028350
chr12	14031250	14031350	901-Lng-B-T	64	chr12:14031250-14031350
chr12	14688050	14688150	901-Lng-C-T	48	chr12:14688050-14688150
chr12	15111550	15111650	1004-Lng-A-T	81	chr12:15111550-15111650
chr12	15183250	15183350	1274-Lng-A-T	227	chr12:15183250-15183350
chr12	15289150	15289250	1004-Lng-A-T	53	chr12:15289150-15289250
chr12	15496450	15496550	1004-Lng-A-T	75	chr12:15496450-15496550
chr12	15808250	15808350	1223-Lng-A-T	64	chr12:15808250-15808350
chr12	15987950	15988050	1065-Lng-A-T	45	chr12:15987950-15988050
chr12	16205650	16205750	1223-Lng-B-T	42	chr12:16205650-16205750
chr12	16224850	16224950	1152-Lng-A-T	120	chr12:16224850-16224950
chr12	16250150	16250250	1004-Lng-A-T	131	chr12:16250150-16250250

Table S2: SB Insertion regions

chr12	16423150	16423250	1167-Lng-A-T	72	chr12:16423150-16423250
chr12	16847550	16847650	1188-Lng-A-T	295	chr12:16847550-16847650
chr12	16849450	16849550	901-Lng-D-T	63	chr12:16849450-16849550
chr12	16856750	16856850	1188-Lng-A-T	42	chr12:16856750-16856850
chr12	16864650	16864750	1065-Lng-A-T	109	chr12:16864650-16864750
chr12	16889050	16889150	1151-Lng-A-T	466	chr12:16889050-16889150
chr12	16903650	16903750	1188-Lng-A-T	204	chr12:16903650-16903750
chr12	16921050	16921150	1274-Lng-A-T	8580	chr12:16921050-16921150
chr12	16933250	16933350	1274-Lng-A-T	491	chr12:16933250-16933350
chr12	16961550	16961650	901-Lng-D-T	385	chr12:16961550-16961650
chr12	16991350	16991450	1072-Lng-A-T	94	chr12:16991350-16991450
chr12	16993350	16993450	901-Lng-C-T	76	chr12:16993350-16993450
chr12	16997550	16997650	1274-Lng-A-T	65	chr12:16997550-16997650
chr12	17002350	17002450	901-Lng-A-T	58	chr12:17002350-17002450
chr12	17015150	17015250	1004-Lng-A-T	88	chr12:17015150-17015250
chr12	17340750	17340850	1223-Lng-C-T	48	chr12:17340750-17340850
chr12	17374250	17374350	1274-Lng-A-T	49	chr12:17374250-17374350
chr12	17442450	17442550	1223-Lng-A-T	124	chr12:17442450-17442550
chr12	17616650	17616750	1090-Lng-A-T	65	chr12:17616650-17616750
chr12	17685150	17685250	1004-Lng-A-T	68	chr12:17685150-17685250
chr12	17702650	17702750	1274-Lng-A-T	209	chr12:17702650-17702750
chr12	17733550	17733650	1274-Lng-A-T	75	chr12:17733550-17733650
chr12	17768650	17768750	1274-Lng-A-T	61	chr12:17768650-17768750
chr12	17772550	17772650	1274-Lng-A-T	83	chr12:17772550-17772650
chr12	17779650	17779750	1274-Lng-A-T	52	chr12:17779650-17779750
chr12	17783550	17783650	901-Lng-B-T	141	chr12:17783550-17783650
chr12	17908450	17908550	1065-Lng-C-T	63	chr12:17908450-17908550
chr12	17913750	17913850	1223-Lng-B-T	127	chr12:17913750-17913850
chr12	17938550	17938650	1004-Lng-A-T	68	chr12:17938550-17938650
chr12	18248250	18248350	901-Lng-C-T	74	chr12:18248250-18248350
chr12	18275950	18276050	1100-Lng-A-T	108	chr12:18275950-18276050
chr12	19019950	19020050	1072-Lng-A-T	77	chr12:19019950-19020050
chr12	19103150	19103250	1004-Lng-A-T	52	chr12:19103150-19103250
chr12	20196950	20197050	1065-Lng-B-T	43	chr12:20196950-20197050
chr12	20229350	20229450	901-Lng-A-T	56	chr12:20229350-20229450
chr12	21075150	21075250	1223-Lng-D-T	52	chr12:21075150-21075250
chr12	21149350	21149450	1167-Lng-A-T	142	chr12:21149350-21149450
chr12	21151350	21151450	1072-Lng-A-T	102	chr12:21151350-21151450
chr12	21175250	21175350	901-Lng-C-T	450	chr12:21175250-21175350
chr12	21181550	21181650	846-Lng-A-T	74	chr12:21181550-21181650
chr12	21185350	21185450	846-Lng-A-T	85	chr12:21185350-21185450
chr12	21228650	21228750	1004-Lng-A-T	74	chr12:21228650-21228750
chr12	21265750	21265850	901-Lng-C-T	34	chr12:21265750-21265850
chr12	21266950	21267050	901-Lng-C-T	264	chr12:21266950-21267050
chr12	21274150	21274250	1004-Lng-A-T	60	chr12:21274150-21274250
chr12	21309850	21309950	1274-Lng-A-T	86	chr12:21309850-21309950

Table S2: SB Insertion regions

chr12	21317250	21317350	1274-Lng-A-T	186	chr12:21317250-21317350
chr12	21327750	21327850	1100-Lng-A-T	112	chr12:21327750-21327850
chr12	21329350	21329450	1065-Lng-C-T	85	chr12:21329350-21329450
chr12	21356350	21356450	1065-Lng-B-T	87	chr12:21356350-21356450
chr12	21390750	21390850	1152-Lng-A-T	853	chr12:21390750-21390850
chr12	21396450	21396550	1274-Lng-A-T	108	chr12:21396450-21396550
chr12	21420050	21420150	1100-Lng-A-T	128	chr12:21420050-21420150
chr12	21482150	21482250	901-Lng-A-T	69	chr12:21482150-21482250
chr12	22047350	22047450	1100-Lng-A-T	69	chr12:22047350-22047450
chr12	22073150	22073250	1223-Lng-B-T	221	chr12:22073150-22073250
chr12	23238350	23238450	1090-Lng-A-T	53	chr12:23238350-23238450
chr12	25578250	25578350	901-Lng-C-T	321	chr12:25578250-25578350
chr12	25614650	25614750	1004-Lng-A-T	121	chr12:25614650-25614750
chr12	25676950	25677050	901-Lng-A-T	93	chr12:25676950-25677050
chr12	25684850	25684950	1152-Lng-A-T	78	chr12:25684850-25684950
chr12	25901350	25901450	901-Lng-A-T	103	chr12:25901350-25901450
chr12	26086150	26086250	1100-Lng-A-T	117	chr12:26086150-26086250
chr12	26362950	26363050	901-Lng-C-T	105	chr12:26362950-26363050
chr12	26580850	26580950	901-Lng-A-T	360	chr12:26580850-26580950
chr12	26812650	26812750	1065-Lng-B-T	42	chr12:26812650-26812750
chr12	26846850	26846950	1090-Lng-A-T	614	chr12:26846850-26846950
chr12	27068650	27068750	1274-Lng-A-T	73	chr12:27068650-27068750
chr12	27201950	27202050	901-Lng-C-T	273	chr12:27201950-27202050
chr12	27308450	27308550	1188-Lng-A-T	258	chr12:27308450-27308550
chr12	27647550	27647650	1065-Lng-A-T	60	chr12:27647550-27647650
chr12	27913050	27913150	1100-Lng-A-T	131	chr12:27913050-27913150
chr12	27939850	27939950	1152-Lng-A-T	64	chr12:27939850-27939950
chr12	28048350	28048450	846-Lng-A-T	130	chr12:28048350-28048450
chr12	28506250	28506350	1090-Lng-B-T	110	chr12:28506250-28506350
chr12	28614150	28614250	1090-Lng-A-T	51	chr12:28614150-28614250
chr12	28769650	28769750	1004-Lng-A-T	97	chr12:28769650-28769750
chr12	28771350	28771450	1223-Lng-A-T	1728	chr12:28771350-28771450
chr12	29087850	29087950	901-Lng-C-T	7578	chr12:29087850-29087950
chr12	29184150	29184250	1065-Lng-A-T	44	chr12:29184150-29184250
chr12	29362850	29362950	846-Lng-A-T	669	chr12:29362850-29362950
chr12	29471450	29471550	1072-Lng-A-T	165	chr12:29471450-29471550
chr12	29495050	29495150	1065-Lng-C-T	104	chr12:29495050-29495150
chr12	29924050	29924150	1223-Lng-B-T	190	chr12:29924050-29924150
chr12	30361350	30361450	901-Lng-D-T	447	chr12:30361350-30361450
chr12	30370950	30371050	1004-Lng-A-T	63	chr12:30370950-30371050
chr12	30590650	30590750	1274-Lng-A-T	88	chr12:30590650-30590750
chr12	30650550	30650650	1223-Lng-B-T	53	chr12:30650550-30650650
chr12	30847650	30847750	846-Lng-A-T	113	chr12:30847650-30847750
chr12	30938450	30938550	901-Lng-C-T	234	chr12:30938450-30938550
chr12	31264050	31264150	1223-Lng-B-T	153	chr12:31264050-31264150
chr12	31291050	31291150	901-Lng-B-T	54	chr12:31291050-31291150

Table S2: SB Insertion regions

chr12	31358950	31359050	1065-Lng-A-T	50	chr12:31358950-31359050
chr12	31537850	31537950	1274-Lng-A-T	76	chr12:31537850-31537950
chr12	31578450	31578550	901-Lng-A-T	163	chr12:31578450-31578550
chr12	31710250	31710350	1004-Lng-A-T	89	chr12:31710250-31710350
chr12	31740950	31741050	1167-Lng-A-T	225	chr12:31740950-31741050
chr12	31779150	31779250	1004-Lng-A-T	76	chr12:31779150-31779250
chr12	31914050	31914150	1152-Lng-A-T	32	chr12:31914050-31914150
chr12	31914750	31914850	846-Lng-A-T	102	chr12:31914750-31914850
chr12	32363450	32363550	1065-Lng-B-T	60	chr12:32363450-32363550
chr12	32396150	32396250	1072-Lng-A-T	49	chr12:32396150-32396250
chr12	32415450	32415550	1004-Lng-A-T	162	chr12:32415450-32415550
chr12	32465950	32466050	1072-Lng-A-T	54	chr12:32465950-32466050
chr12	32494050	32494150	1223-Lng-B-T	130	chr12:32494050-32494150
chr12	32500750	32500850	1223-Lng-A-T	369	chr12:32500750-32500850
chr12	32535050	32535150	901-Lng-C-T	37	chr12:32535050-32535150
chr12	32601150	32601250	1100-Lng-B-T	72	chr12:32601150-32601250
chr12	32606450	32606550	1167-Lng-A-T	107	chr12:32606450-32606550
chr12	32624050	32624150	1223-Lng-D-T	45	chr12:32624050-32624150
chr12	32641350	32641450	901-Lng-A-T	88	chr12:32641350-32641450
chr12	32837250	32837350	1090-Lng-B-T	97	chr12:32837250-32837350
chr12	33009650	33009750	901-Lng-D-T	39	chr12:33009650-33009750
chr12	33027550	33027650	1065-Lng-B-T	46	chr12:33027550-33027650
chr12	33035450	33035550	1152-Lng-A-T	52	chr12:33035450-33035550
chr12	33092850	33092950	1223-Lng-B-T	309	chr12:33092850-33092950
chr12	33122350	33122450	1274-Lng-A-T	121	chr12:33122350-33122450
chr12	33143250	33143350	901-Lng-C-T	225	chr12:33143250-33143350
chr12	33153650	33153750	1188-Lng-A-T	60	chr12:33153650-33153750
chr12	33174950	33175050	901-Lng-A-T	54	chr12:33174950-33175050
chr12	33323950	33324050	1065-Lng-C-T	80	chr12:33323950-33324050
chr12	33368850	33368950	1274-Lng-A-T	78	chr12:33368850-33368950
chr12	33511950	33512050	1223-Lng-A-T	160	chr12:33511950-33512050
chr12	33620850	33620950	1274-Lng-A-T	103	chr12:33620850-33620950
chr12	33621050	33621150	1100-Lng-A-T	170	chr12:33621050-33621150
chr12	33643250	33643350	1152-Lng-A-T	73	chr12:33643250-33643350
chr12	33643350	33643450	1090-Lng-A-T	80	chr12:33643350-33643450
chr12	33659450	33659550	1100-Lng-A-T	156	chr12:33659450-33659550
chr12	33722150	33722250	1004-Lng-A-T	156	chr12:33722150-33722250
chr12	33730950	33731050	846-Lng-A-T	107	chr12:33730950-33731050
chr12	33853550	33853650	1151-Lng-A-T	325	chr12:33853550-33853650
chr12	33853650	33853750	1004-Lng-A-T	109	chr12:33853650-33853750
chr12	33857550	33857650	901-Lng-A-T	512	chr12:33857550-33857650
chr12	33932750	33932850	1223-Lng-B-T	48	chr12:33932750-33932850
chr12	33983650	33983750	1167-Lng-A-T	56	chr12:33983650-33983750
chr12	33986150	33986250	1004-Lng-A-T	162	chr12:33986150-33986250
chr12	34110050	34110150	1274-Lng-A-T	102	chr12:34110050-34110150
chr12	34126650	34126750	1065-Lng-B-T	57	chr12:34126650-34126750

Table S2: SB Insertion regions

chr12	34378950	34379050	1223-Lng-A-T	146	chr12:34378950-34379050
chr12	34393950	34394050	1188-Lng-A-T	203	chr12:34393950-34394050
chr12	34475150	34475250	1151-Lng-A-T	182	chr12:34475150-34475250
chr12	34586650	34586750	1065-Lng-B-T	47	chr12:34586650-34586750
chr12	34740650	34740750	901-Lng-D-T	419	chr12:34740650-34740750
chr12	34740650	34740750	1090-Lng-B-T	780	chr12:34740650-34740750
chr12	34760850	34760950	1004-Lng-A-T	58	chr12:34760850-34760950
chr12	34768750	34768850	1152-Lng-A-T	460	chr12:34768750-34768850
chr12	34792550	34792650	1167-Lng-A-T	88	chr12:34792550-34792650
chr12	34864850	34864950	1072-Lng-A-T	161	chr12:34864850-34864950
chr12	34913550	34913650	901-Lng-C-T	48	chr12:34913550-34913650
chr12	34939750	34939850	1223-Lng-A-T	55	chr12:34939750-34939850
chr12	34995350	34995450	1167-Lng-A-T	60	chr12:34995350-34995450
chr12	35037650	35037750	901-Lng-B-T	72	chr12:35037650-35037750
chr12	35075850	35075950	1004-Lng-A-T	244	chr12:35075850-35075950
chr12	35158950	35159050	1004-Lng-A-T	67	chr12:35158950-35159050
chr12	35251150	35251250	1065-Lng-C-T	106	chr12:35251150-35251250
chr12	35266950	35267050	1223-Lng-D-T	40	chr12:35266950-35267050
chr12	35359050	35359150	1274-Lng-A-T	65	chr12:35359050-35359150
chr12	35425450	35425550	1188-Lng-A-T	35	chr12:35425450-35425550
chr12	35462950	35463050	1274-Lng-A-T	86	chr12:35462950-35463050
chr12	35605050	35605150	1004-Lng-A-T	82	chr12:35605050-35605150
chr12	35691750	35691850	1065-Lng-C-T	1087	chr12:35691750-35691850
chr12	35733350	35733450	1274-Lng-A-T	135	chr12:35733350-35733450
chr12	35767450	35767550	1274-Lng-A-T	135	chr12:35767450-35767550
chr12	35774550	35774650	901-Lng-A-T	57	chr12:35774550-35774650
chr12	35780950	35781050	1004-Lng-A-T	53	chr12:35780950-35781050
chr12	35796850	35796950	1065-Lng-B-T	89	chr12:35796850-35796950
chr12	35815050	35815150	1004-Lng-A-T	60	chr12:35815050-35815150
chr12	35822050	35822150	901-Lng-C-T	29	chr12:35822050-35822150
chr12	35834850	35834950	1004-Lng-A-T	90	chr12:35834850-35834950
chr12	35883850	35883950	901-Lng-C-T	57	chr12:35883850-35883950
chr12	36183050	36183150	901-Lng-A-T	75	chr12:36183050-36183150
chr12	36301350	36301450	1274-Lng-A-T	99	chr12:36301350-36301450
chr12	36612950	36613050	846-Lng-A-T	78	chr12:36612950-36613050
chr12	36774050	36774150	1072-Lng-A-T	156	chr12:36774050-36774150
chr12	36879250	36879350	1065-Lng-C-T	127	chr12:36879250-36879350
chr12	36909550	36909650	901-Lng-D-T	923	chr12:36909550-36909650
chr12	36954550	36954650	901-Lng-B-T	39	chr12:36954550-36954650
chr12	36984850	36984950	1167-Lng-A-T	53	chr12:36984850-36984950
chr12	37049250	37049350	846-Lng-A-T	162	chr12:37049250-37049350
chr12	37062150	37062250	1100-Lng-A-T	114	chr12:37062150-37062250
chr12	37094050	37094150	1065-Lng-C-T	743	chr12:37094050-37094150
chr12	37121450	37121550	1188-Lng-A-T	51	chr12:37121450-37121550
chr12	37200150	37200250	1152-Lng-A-T	70	chr12:37200150-37200250
chr12	37238350	37238450	901-Lng-C-T	55	chr12:37238350-37238450

Table S2: SB Insertion regions

chr12	37295950	37296050	1065-Lng-C-T	105	chr12:37295950-37296050
chr12	37404650	37404750	846-Lng-A-T	76	chr12:37404650-37404750
chr12	37438450	37438550	1065-Lng-A-T	63	chr12:37438450-37438550
chr12	37761250	37761350	1100-Lng-A-T	97	chr12:37761250-37761350
chr12	37825750	37825850	901-Lng-C-T	32	chr12:37825750-37825850
chr12	37865950	37866050	1004-Lng-A-T	495	chr12:37865950-37866050
chr12	37987550	37987650	1223-Lng-B-T	76	chr12:37987550-37987650
chr12	38036550	38036650	1065-Lng-A-T	36	chr12:38036550-38036650
chr12	38076050	38076150	1065-Lng-C-T	110	chr12:38076050-38076150
chr12	38173150	38173250	846-Lng-A-T	90	chr12:38173150-38173250
chr12	38182050	38182150	1223-Lng-B-T	318	chr12:38182050-38182150
chr12	38191750	38191850	1065-Lng-A-T	116	chr12:38191750-38191850
chr12	38211050	38211150	1274-Lng-A-T	49	chr12:38211050-38211150
chr12	38218550	38218650	901-Lng-D-T	297	chr12:38218550-38218650
chr12	38234550	38234650	1090-Lng-A-T	53	chr12:38234550-38234650
chr12	38311450	38311550	901-Lng-D-T	150	chr12:38311450-38311550
chr12	38353850	38353950	1223-Lng-D-T	59	chr12:38353850-38353950
chr12	38561450	38561550	1004-Lng-A-T	52	chr12:38561450-38561550
chr12	38625050	38625150	1151-Lng-A-T	432	chr12:38625050-38625150
chr12	38639250	38639350	901-Lng-B-T	230	chr12:38639250-38639350
chr12	38654250	38654350	1004-Lng-A-T	101	chr12:38654250-38654350
chr12	38700950	38701050	901-Lng-B-T	37	chr12:38700950-38701050
chr12	38854450	38854550	1274-Lng-A-T	50	chr12:38854450-38854550
chr12	38863650	38863750	1167-Lng-A-T	95	chr12:38863650-38863750
chr12	39118150	39118250	1274-Lng-A-T	92	chr12:39118150-39118250
chr12	39119450	39119550	1274-Lng-A-T	178	chr12:39119450-39119550
chr12	39268750	39268850	1065-Lng-B-T	59	chr12:39268750-39268850
chr12	39285550	39285650	1274-Lng-A-T	67	chr12:39285550-39285650
chr12	39285550	39285650	1065-Lng-B-T	77	chr12:39285550-39285650
chr12	39288350	39288450	1004-Lng-A-T	86	chr12:39288350-39288450
chr12	39342150	39342250	1004-Lng-A-T	121	chr12:39342150-39342250
chr12	39482050	39482150	1072-Lng-A-T	213	chr12:39482050-39482150
chr12	39507250	39507350	1188-Lng-A-T	77	chr12:39507250-39507350
chr12	39508850	39508950	1274-Lng-A-T	71	chr12:39508850-39508950
chr12	39564950	39565050	1004-Lng-A-T	55	chr12:39564950-39565050
chr12	39807150	39807250	901-Lng-C-T	1258	chr12:39807150-39807250
chr12	39834150	39834250	1223-Lng-B-T	59	chr12:39834150-39834250
chr12	39871450	39871550	1152-Lng-A-T	59	chr12:39871450-39871550
chr12	39926950	39927050	1004-Lng-A-T	49	chr12:39926950-39927050
chr12	40206750	40206850	1004-Lng-A-T	96	chr12:40206750-40206850
chr12	40532150	40532250	846-Lng-A-T	84	chr12:40532150-40532250
chr12	40673050	40673150	1223-Lng-D-T	52	chr12:40673050-40673150
chr12	40744950	40745050	1090-Lng-B-T	426	chr12:40744950-40745050
chr12	40816650	40816750	1223-Lng-B-T	162	chr12:40816650-40816750
chr12	40826650	40826750	1004-Lng-A-T	157	chr12:40826650-40826750
chr12	40897450	40897550	1065-Lng-B-T	41	chr12:40897450-40897550

Table S2: SB Insertion regions

chr12	40948450	40948550	1274-Lng-A-T	715	chr12:40948450-40948550
chr12	40952550	40952650	1223-Lng-A-T	57	chr12:40952550-40952650
chr12	40983150	40983250	1152-Lng-A-T	63	chr12:40983150-40983250
chr12	41054250	41054350	1167-Lng-A-T	70	chr12:41054250-41054350
chr12	41055150	41055250	1223-Lng-D-T	59	chr12:41055150-41055250
chr12	41095450	41095550	1004-Lng-A-T	368	chr12:41095450-41095550
chr12	41106650	41106750	1188-Lng-A-T	39	chr12:41106650-41106750
chr12	41122850	41122950	1004-Lng-A-T	65	chr12:41122850-41122950
chr12	41175750	41175850	1100-Lng-A-T	81	chr12:41175750-41175850
chr12	41202550	41202650	901-Lng-B-T	87	chr12:41202550-41202650
chr12	41207850	41207950	1151-Lng-A-T	69	chr12:41207850-41207950
chr12	41226750	41226850	1274-Lng-A-T	197	chr12:41226750-41226850
chr12	41236450	41236550	1100-Lng-A-T	57	chr12:41236450-41236550
chr12	41251550	41251650	1223-Lng-B-T	203	chr12:41251550-41251650
chr12	41251550	41251650	1065-Lng-B-T	531	chr12:41251550-41251650
chr12	41269450	41269550	1004-Lng-A-T	414	chr12:41269450-41269550
chr12	41278350	41278450	901-Lng-A-T	178	chr12:41278350-41278450
chr12	41374050	41374150	1090-Lng-A-T	54	chr12:41374050-41374150
chr12	41384550	41384650	1167-Lng-A-T	53	chr12:41384550-41384650
chr12	41419850	41419950	1065-Lng-B-T	69	chr12:41419850-41419950
chr12	41478750	41478850	1151-Lng-A-T	54	chr12:41478750-41478850
chr12	41491650	41491750	1065-Lng-B-T	76	chr12:41491650-41491750
chr12	41517250	41517350	1065-Lng-B-T	59	chr12:41517250-41517350
chr12	41713050	41713150	1004-Lng-A-T	53	chr12:41713050-41713150
chr12	41875050	41875150	846-Lng-A-T	55	chr12:41875050-41875150
chr12	42024050	42024150	1223-Lng-B-T	59	chr12:42024050-42024150
chr12	42062450	42062550	1065-Lng-C-T	79	chr12:42062450-42062550
chr12	42064150	42064250	1065-Lng-C-T	74	chr12:42064150-42064250
chr12	42195750	42195850	1274-Lng-A-T	71	chr12:42195750-42195850
chr12	42210350	42210450	1004-Lng-A-T	73	chr12:42210350-42210450
chr12	42762750	42762850	1065-Lng-B-T	54	chr12:42762750-42762850
chr12	42766250	42766350	1090-Lng-B-T	417	chr12:42766250-42766350
chr12	43061850	43061950	1004-Lng-A-T	170	chr12:43061850-43061950
chr12	43264950	43265050	901-Lng-B-T	795	chr12:43264950-43265050
chr12	43394150	43394250	1090-Lng-A-T	143	chr12:43394150-43394250
chr12	43497250	43497350	1065-Lng-B-T	82	chr12:43497250-43497350
chr12	43751950	43752050	901-Lng-A-T	99	chr12:43751950-43752050
chr12	43830750	43830850	901-Lng-C-T	39	chr12:43830750-43830850
chr12	44075550	44075650	1188-Lng-A-T	221	chr12:44075550-44075650
chr12	44361450	44361550	1152-Lng-A-T	412	chr12:44361450-44361550
chr12	44384250	44384350	1065-Lng-C-T	72	chr12:44384250-44384350
chr12	44491850	44491950	1223-Lng-B-T	39	chr12:44491850-44491950
chr12	44491950	44492050	1223-Lng-B-T	676	chr12:44491950-44492050
chr12	44674450	44674550	901-Lng-B-T	116	chr12:44674450-44674550
chr12	44781750	44781850	1167-Lng-A-T	53	chr12:44781750-44781850
chr12	44797750	44797850	1090-Lng-A-T	87	chr12:44797750-44797850

Table S2: SB Insertion regions

chr12	45053550	45053650	1004-Lng-A-T	104	chr12:45053550-45053650
chr12	45132150	45132250	1065-Lng-A-T	90	chr12:45132150-45132250
chr12	45132250	45132350	1152-Lng-A-T	65	chr12:45132250-45132350
chr12	45231550	45231650	1100-Lng-A-T	99	chr12:45231550-45231650
chr12	45391050	45391150	1072-Lng-A-T	49	chr12:45391050-45391150
chr12	45433650	45433750	1072-Lng-A-T	133	chr12:45433650-45433750
chr12	45472150	45472250	1004-Lng-A-T	361	chr12:45472150-45472250
chr12	45528350	45528450	1274-Lng-A-T	125	chr12:45528350-45528450
chr12	45616550	45616650	1223-Lng-B-T	115	chr12:45616550-45616650
chr12	45618150	45618250	1274-Lng-A-T	70	chr12:45618150-45618250
chr12	45683850	45683950	1065-Lng-A-T	80	chr12:45683850-45683950
chr12	45839350	45839450	901-Lng-B-T	374	chr12:45839350-45839450
chr12	45899450	45899550	1152-Lng-A-T	106	chr12:45899450-45899550
chr12	46014750	46014850	1065-Lng-B-T	56	chr12:46014750-46014850
chr12	46085650	46085750	1065-Lng-A-T	61	chr12:46085650-46085750
chr12	46125750	46125850	1065-Lng-C-T	72	chr12:46125750-46125850
chr12	46129150	46129250	901-Lng-C-T	37	chr12:46129150-46129250
chr12	46160150	46160250	1274-Lng-A-T	51	chr12:46160150-46160250
chr12	46161550	46161650	901-Lng-C-T	36	chr12:46161550-46161650
chr12	46167350	46167450	901-Lng-C-T	44	chr12:46167350-46167450
chr12	46432850	46432950	901-Lng-D-T	418	chr12:46432850-46432950
chr12	46441750	46441850	1004-Lng-A-T	78	chr12:46441750-46441850
chr12	46512250	46512350	1065-Lng-A-T	58	chr12:46512250-46512350
chr12	46535650	46535750	901-Lng-C-T	48	chr12:46535650-46535750
chr12	46807650	46807750	1223-Lng-B-T	229	chr12:46807650-46807750
chr12	46846150	46846250	1065-Lng-B-T	44	chr12:46846150-46846250
chr12	46931550	46931650	1004-Lng-A-T	50	chr12:46931550-46931650
chr12	46960250	46960350	1223-Lng-C-T	58	chr12:46960250-46960350
chr12	46968150	46968250	901-Lng-B-T	108	chr12:46968150-46968250
chr12	46997550	46997650	901-Lng-A-T	402	chr12:46997550-46997650
chr12	47011950	47012050	1100-Lng-A-T	71	chr12:47011950-47012050
chr12	47123950	47124050	1188-Lng-A-T	131	chr12:47123950-47124050
chr12	47233650	47233750	1090-Lng-B-T	514	chr12:47233650-47233750
chr12	47412950	47413050	901-Lng-D-T	249	chr12:47412950-47413050
chr12	47418350	47418450	901-Lng-B-T	145	chr12:47418350-47418450
chr12	47505050	47505150	1274-Lng-A-T	64	chr12:47505050-47505150
chr12	47509850	47509950	1004-Lng-A-T	80	chr12:47509850-47509950
chr12	47679650	47679750	1274-Lng-A-T	50	chr12:47679650-47679750
chr12	47696250	47696350	901-Lng-B-T	50	chr12:47696250-47696350
chr12	47708750	47708850	1100-Lng-A-T	136	chr12:47708750-47708850
chr12	47826850	47826950	901-Lng-D-T	863	chr12:47826850-47826950
chr12	47915650	47915750	846-Lng-A-T	48	chr12:47915650-47915750
chr12	48127050	48127150	1100-Lng-A-T	53	chr12:48127050-48127150
chr12	48331850	48331950	1004-Lng-A-T	82	chr12:48331850-48331950
chr12	48333550	48333650	1004-Lng-A-T	55	chr12:48333550-48333650
chr12	48482350	48482450	1065-Lng-B-T	58	chr12:48482350-48482450

Table S2: SB Insertion regions

chr12	48599050	48599150	901-Lng-A-T	96	chr12:48599050-48599150
chr12	48667150	48667250	1065-Lng-C-T	107	chr12:48667150-48667250
chr12	48767250	48767350	1004-Lng-A-T	142	chr12:48767250-48767350
chr12	48837150	48837250	1065-Lng-B-T	39	chr12:48837150-48837250
chr12	48869750	48869850	1065-Lng-B-T	61	chr12:48869750-48869850
chr12	48910650	48910750	1004-Lng-A-T	87	chr12:48910650-48910750
chr12	48914950	48915050	1004-Lng-A-T	119	chr12:48914950-48915050
chr12	48920850	48920950	901-Lng-B-T	72	chr12:48920850-48920950
chr12	49047850	49047950	1065-Lng-B-T	47	chr12:49047850-49047950
chr12	49116050	49116150	1100-Lng-A-T	113	chr12:49116050-49116150
chr12	49159150	49159250	1065-Lng-C-T	94	chr12:49159150-49159250
chr12	49165050	49165150	1065-Lng-A-T	94	chr12:49165050-49165150
chr12	49296050	49296150	1004-Lng-A-T	74	chr12:49296050-49296150
chr12	49511450	49511550	1065-Lng-B-T	53	chr12:49511450-49511550
chr12	49519850	49519950	1065-Lng-B-T	78	chr12:49519850-49519950
chr12	49612550	49612650	901-Lng-D-T	43	chr12:49612550-49612650
chr12	49736750	49736850	1188-Lng-A-T	40	chr12:49736750-49736850
chr12	49749450	49749550	901-Lng-C-T	47	chr12:49749450-49749550
chr12	49829950	49830050	1004-Lng-A-T	75	chr12:49829950-49830050
chr12	49838750	49838850	1065-Lng-A-T	229	chr12:49838750-49838850
chr12	49856150	49856250	1065-Lng-A-T	46	chr12:49856150-49856250
chr12	49880050	49880150	1188-Lng-A-T	44	chr12:49880050-49880150
chr12	49956750	49956850	1223-Lng-B-T	35	chr12:49956750-49956850
chr12	50006950	50007050	1152-Lng-A-T	36	chr12:50006950-50007050
chr12	50036450	50036550	1188-Lng-A-T	48	chr12:50036450-50036550
chr12	50062850	50062950	1274-Lng-A-T	109	chr12:50062850-50062950
chr12	50084250	50084350	901-Lng-C-T	60	chr12:50084250-50084350
chr12	50439150	50439250	1065-Lng-B-T	84	chr12:50439150-50439250
chr12	50579850	50579950	1065-Lng-A-T	79	chr12:50579850-50579950
chr12	50938950	50939050	1274-Lng-A-T	65	chr12:50938950-50939050
chr12	50988050	50988150	901-Lng-C-T	127	chr12:50988050-50988150
chr12	51023150	51023250	901-Lng-A-T	112	chr12:51023150-51023250
chr12	51064950	51065050	1100-Lng-A-T	96	chr12:51064950-51065050
chr12	51322450	51322550	1065-Lng-B-T	52	chr12:51322450-51322550
chr12	51340850	51340950	1004-Lng-A-T	64	chr12:51340850-51340950
chr12	51447650	51447750	1223-Lng-A-T	182	chr12:51447650-51447750
chr12	51447950	51448050	1065-Lng-B-T	85	chr12:51447950-51448050
chr12	51520450	51520550	1223-Lng-B-T	56	chr12:51520450-51520550
chr12	51583150	51583250	1090-Lng-A-T	70	chr12:51583150-51583250
chr12	51651250	51651350	1223-Lng-D-T	55	chr12:51651250-51651350
chr12	51882150	51882250	901-Lng-D-T	94	chr12:51882150-51882250
chr12	51918350	51918450	901-Lng-B-T	81	chr12:51918350-51918450
chr12	52283350	52283450	901-Lng-B-T	202	chr12:52283350-52283450
chr12	52317550	52317650	846-Lng-A-T	58	chr12:52317550-52317650
chr12	52376050	52376150	901-Lng-C-T	54	chr12:52376050-52376150
chr12	52485450	52485550	1167-Lng-A-T	98	chr12:52485450-52485550

Table S2: SB Insertion regions

chr12	52507750	52507850	1152-Lng-A-T	42	chr12:52507750-52507850
chr12	52704150	52704250	1090-Lng-A-T	61	chr12:52704150-52704250
chr12	52735650	52735750	1223-Lng-B-T	34	chr12:52735650-52735750
chr12	52755650	52755750	1152-Lng-A-T	48	chr12:52755650-52755750
chr12	52755650	52755750	901-Lng-A-T	109	chr12:52755650-52755750
chr12	52815450	52815550	1065-Lng-C-T	104	chr12:52815450-52815550
chr12	52839350	52839450	1065-Lng-C-T	366	chr12:52839350-52839450
chr12	52861350	52861450	1152-Lng-A-T	80	chr12:52861350-52861450
chr12	52871250	52871350	846-Lng-A-T	47	chr12:52871250-52871350
chr12	52881450	52881550	1004-Lng-A-T	66	chr12:52881450-52881550
chr12	52894650	52894750	901-Lng-B-T	40	chr12:52894650-52894750
chr12	52906350	52906450	901-Lng-A-T	565	chr12:52906350-52906450
chr12	52909550	52909650	1090-Lng-A-T	54	chr12:52909550-52909650
chr12	52912750	52912850	1223-Lng-C-T	43	chr12:52912750-52912850
chr12	52913950	52914050	1274-Lng-A-T	58	chr12:52913950-52914050
chr12	52931650	52931750	1274-Lng-A-T	87	chr12:52931650-52931750
chr12	52966750	52966850	1274-Lng-A-T	57	chr12:52966750-52966850
chr12	53297850	53297950	1188-Lng-A-T	98	chr12:53297850-53297950
chr12	53358250	53358350	901-Lng-C-T	38	chr12:53358250-53358350
chr12	53620150	53620250	901-Lng-A-T	87	chr12:53620150-53620250
chr12	53623350	53623450	1152-Lng-A-T	152	chr12:53623350-53623450
chr12	53625450	53625550	901-Lng-B-T	199	chr12:53625450-53625550
chr12	53625550	53625650	1004-Lng-A-T	99	chr12:53625550-53625650
chr12	53631150	53631250	1223-Lng-A-T	259	chr12:53631150-53631250
chr12	53640050	53640150	1223-Lng-B-T	81	chr12:53640050-53640150
chr12	53645050	53645150	1065-Lng-C-T	61	chr12:53645050-53645150
chr12	53655550	53655650	1167-Lng-A-T	3011	chr12:53655550-53655650
chr12	53669050	53669150	1004-Lng-A-T	166	chr12:53669050-53669150
chr12	53674050	53674150	1065-Lng-B-T	90	chr12:53674050-53674150
chr12	53711750	53711850	901-Lng-A-T	55	chr12:53711750-53711850
chr12	53734050	53734150	901-Lng-B-T	42	chr12:53734050-53734150
chr12	53844750	53844850	1065-Lng-A-T	92	chr12:53844750-53844850
chr12	54016350	54016450	1090-Lng-A-T	85	chr12:54016350-54016450
chr12	54057750	54057850	901-Lng-B-T	313	chr12:54057750-54057850
chr12	54096250	54096350	1004-Lng-A-T	214	chr12:54096250-54096350
chr12	54106350	54106450	1188-Lng-A-T	121	chr12:54106350-54106450
chr12	54139650	54139750	1004-Lng-A-T	64	chr12:54139650-54139750
chr12	54186150	54186250	1004-Lng-A-T	113	chr12:54186150-54186250
chr12	54332550	54332650	846-Lng-A-T	155	chr12:54332550-54332650
chr12	54394750	54394850	1223-Lng-B-T	41	chr12:54394750-54394850
chr12	54434850	54434950	1065-Lng-B-T	66	chr12:54434850-54434950
chr12	54453650	54453750	1004-Lng-A-T	50	chr12:54453650-54453750
chr12	54462050	54462150	1004-Lng-A-T	91	chr12:54462050-54462150
chr12	54492450	54492550	1223-Lng-D-T	49	chr12:54492450-54492550
chr12	54537350	54537450	1090-Lng-A-T	55	chr12:54537350-54537450
chr12	54556250	54556350	1090-Lng-A-T	77	chr12:54556250-54556350

Table S2: SB Insertion regions

chr12	54745350	54745450	1004-Lng-A-T	242	chr12:54745350-54745450
chr12	54818950	54819050	1004-Lng-A-T	164	chr12:54818950-54819050
chr12	54824050	54824150	846-Lng-A-T	84	chr12:54824050-54824150
chr12	54843350	54843450	1065-Lng-A-T	338	chr12:54843350-54843450
chr12	55067950	55068050	1223-Lng-B-T	43	chr12:55067950-55068050
chr12	55093850	55093950	1004-Lng-A-T	67	chr12:55093850-55093950
chr12	55138750	55138850	901-Lng-A-T	63	chr12:55138750-55138850
chr12	55332450	55332550	1004-Lng-A-T	82	chr12:55332450-55332550
chr12	55681750	55681850	846-Lng-A-T	939	chr12:55681750-55681850
chr12	55734850	55734950	846-Lng-A-T	66	chr12:55734850-55734950
chr12	55755950	55756050	901-Lng-A-T	57	chr12:55755950-55756050
chr12	55886750	55886850	1223-Lng-A-T	98	chr12:55886750-55886850
chr12	56026850	56026950	1223-Lng-A-T	83	chr12:56026850-56026950
chr12	56172150	56172250	846-Lng-A-T	141	chr12:56172150-56172250
chr12	56183550	56183650	1152-Lng-A-T	63	chr12:56183550-56183650
chr12	56523950	56524050	901-Lng-C-T	52	chr12:56523950-56524050
chr12	56720950	56721050	1167-Lng-A-T	55	chr12:56720950-56721050
chr12	56767550	56767650	1004-Lng-A-T	245	chr12:56767550-56767650
chr12	56810050	56810150	1065-Lng-A-T	98	chr12:56810050-56810150
chr12	56858650	56858750	1223-Lng-C-T	43	chr12:56858650-56858750
chr12	56913950	56914050	1004-Lng-A-T	110	chr12:56913950-56914050
chr12	56948550	56948650	1065-Lng-A-T	87	chr12:56948550-56948650
chr12	57408150	57408250	901-Lng-C-T	145	chr12:57408150-57408250
chr12	57422550	57422650	901-Lng-B-T	116	chr12:57422550-57422650
chr12	57457150	57457250	1274-Lng-A-T	70	chr12:57457150-57457250
chr12	57510750	57510850	1004-Lng-A-T	67	chr12:57510750-57510850
chr12	57522250	57522350	1065-Lng-C-T	73	chr12:57522250-57522350
chr12	57535050	57535150	1004-Lng-A-T	55	chr12:57535050-57535150
chr12	57601850	57601950	1065-Lng-A-T	43	chr12:57601850-57601950
chr12	57616750	57616850	1274-Lng-A-T	53	chr12:57616750-57616850
chr12	58011950	58012050	901-Lng-B-T	95	chr12:58011950-58012050
chr12	58065550	58065650	1065-Lng-A-T	35	chr12:58065550-58065650
chr12	58156850	58156950	901-Lng-C-T	291	chr12:58156850-58156950
chr12	58333850	58333950	1065-Lng-A-T	36	chr12:58333850-58333950
chr12	58344350	58344450	1065-Lng-C-T	191	chr12:58344350-58344450
chr12	58378650	58378750	1065-Lng-A-T	175	chr12:58378650-58378750
chr12	58484050	58484150	1004-Lng-A-T	349	chr12:58484050-58484150
chr12	58517150	58517250	1188-Lng-A-T	382	chr12:58517150-58517250
chr12	58553650	58553750	1188-Lng-A-T	127	chr12:58553650-58553750
chr12	58589950	58590050	1065-Lng-A-T	60	chr12:58589950-58590050
chr12	58708350	58708450	1004-Lng-A-T	57	chr12:58708350-58708450
chr12	58750650	58750750	1274-Lng-A-T	71	chr12:58750650-58750750
chr12	58774450	58774550	1065-Lng-A-T	65	chr12:58774450-58774550
chr12	58929850	58929950	1090-Lng-A-T	918	chr12:58929850-58929950
chr12	58971650	58971750	1065-Lng-A-T	58	chr12:58971650-58971750
chr12	58998150	58998250	1274-Lng-A-T	57	chr12:58998150-58998250

Table S2: SB Insertion regions

chr12	59033550	59033650	901-Lng-B-T	64	chr12:59033550-59033650
chr12	59076450	59076550	1072-Lng-A-T	51	chr12:59076450-59076550
chr12	59091350	59091450	1152-Lng-A-T	99	chr12:59091350-59091450
chr12	59114250	59114350	1152-Lng-A-T	75	chr12:59114250-59114350
chr12	59183550	59183650	846-Lng-A-T	72	chr12:59183550-59183650
chr12	59471550	59471650	901-Lng-C-T	57	chr12:59471550-59471650
chr12	59477350	59477450	901-Lng-C-T	65	chr12:59477350-59477450
chr12	59478750	59478850	901-Lng-B-T	78	chr12:59478750-59478850
chr12	59601350	59601450	901-Lng-A-T	339	chr12:59601350-59601450
chr12	59711250	59711350	1152-Lng-A-T	82	chr12:59711250-59711350
chr12	60058550	60058650	1152-Lng-A-T	89	chr12:60058550-60058650
chr12	60072950	60073050	1090-Lng-A-T	82	chr12:60072950-60073050
chr12	60108650	60108750	1004-Lng-A-T	82	chr12:60108650-60108750
chr12	60112150	60112250	1004-Lng-A-T	106	chr12:60112150-60112250
chr12	60155650	60155750	1004-Lng-A-T	72	chr12:60155650-60155750
chr12	60159750	60159850	1274-Lng-A-T	50	chr12:60159750-60159850
chr12	60276150	60276250	846-Lng-A-T	150	chr12:60276150-60276250
chr12	60276650	60276750	1152-Lng-A-T	72	chr12:60276650-60276750
chr12	60282950	60283050	1223-Lng-A-T	69	chr12:60282950-60283050
chr12	60442350	60442450	901-Lng-C-T	57	chr12:60442350-60442450
chr12	60516550	60516650	1223-Lng-B-T	51	chr12:60516550-60516650
chr12	60567850	60567950	846-Lng-A-T	105	chr12:60567850-60567950
chr12	60742750	60742850	1188-Lng-A-T	36	chr12:60742750-60742850
chr12	60985050	60985150	1223-Lng-B-T	55	chr12:60985050-60985150
chr12	61185950	61186050	1004-Lng-A-T	57	chr12:61185950-61186050
chr12	61190150	61190250	1090-Lng-B-T	119	chr12:61190150-61190250
chr12	61201550	61201650	846-Lng-A-T	94	chr12:61201550-61201650
chr12	61208650	61208750	1065-Lng-A-T	61	chr12:61208650-61208750
chr12	61250050	61250150	846-Lng-A-T	54	chr12:61250050-61250150
chr12	61366750	61366850	1223-Lng-B-T	83	chr12:61366750-61366850
chr12	61481450	61481550	1065-Lng-C-T	2213	chr12:61481450-61481550
chr12	61513750	61513850	846-Lng-A-T	1340	chr12:61513750-61513850
chr12	61562650	61562750	1065-Lng-B-T	88	chr12:61562650-61562750
chr12	61593350	61593450	1223-Lng-B-T	35	chr12:61593350-61593450
chr12	61789250	61789350	901-Lng-A-T	465	chr12:61789250-61789350
chr12	61799450	61799550	1004-Lng-A-T	84	chr12:61799450-61799550
chr12	61861650	61861750	1004-Lng-A-T	67	chr12:61861650-61861750
chr12	61901150	61901250	1152-Lng-A-T	174	chr12:61901150-61901250
chr12	61922550	61922650	1065-Lng-B-T	74	chr12:61922550-61922650
chr12	62029050	62029150	1004-Lng-A-T	51	chr12:62029050-62029150
chr12	62123750	62123850	1065-Lng-B-T	63	chr12:62123750-62123850
chr12	62124550	62124650	1152-Lng-A-T	166	chr12:62124550-62124650
chr12	62128450	62128550	901-Lng-A-T	53	chr12:62128450-62128550
chr12	62358750	62358850	901-Lng-B-T	124	chr12:62358750-62358850
chr12	62455750	62455850	846-Lng-A-T	910	chr12:62455750-62455850
chr12	62519850	62519950	1090-Lng-B-T	109	chr12:62519850-62519950

Table S2: SB Insertion regions

chr12	62545950	62546050	1188-Lng-A-T	104	chr12:62545950-62546050
chr12	62575650	62575750	1274-Lng-A-T	138	chr12:62575650-62575750
chr12	62577450	62577550	901-Lng-C-T	160	chr12:62577450-62577550
chr12	62676350	62676450	1188-Lng-A-T	37	chr12:62676350-62676450
chr12	62677650	62677750	846-Lng-A-T	145	chr12:62677650-62677750
chr12	62757150	62757250	1223-Lng-C-T	45	chr12:62757150-62757250
chr12	62778850	62778950	1223-Lng-A-T	59	chr12:62778850-62778950
chr12	62826050	62826150	1065-Lng-A-T	74	chr12:62826050-62826150
chr12	62877950	62878050	1090-Lng-A-T	53	chr12:62877950-62878050
chr12	62897650	62897750	1100-Lng-A-T	97	chr12:62897650-62897750
chr12	62910550	62910650	1065-Lng-C-T	68	chr12:62910550-62910650
chr12	62982450	62982550	1167-Lng-A-T	52	chr12:62982450-62982550
chr12	63394150	63394250	1223-Lng-B-T	59	chr12:63394150-63394250
chr12	63430050	63430150	901-Lng-A-T	632	chr12:63430050-63430150
chr12	63509150	63509250	1065-Lng-A-T	43	chr12:63509150-63509250
chr12	63693250	63693350	1100-Lng-A-T	73	chr12:63693250-63693350
chr12	63702550	63702650	1274-Lng-A-T	95	chr12:63702550-63702650
chr12	63858150	63858250	1223-Lng-C-T	52	chr12:63858150-63858250
chr12	63879950	63880050	901-Lng-C-T	407	chr12:63879950-63880050
chr12	63893950	63894050	901-Lng-A-T	164	chr12:63893950-63894050
chr12	63977350	63977450	1072-Lng-A-T	56	chr12:63977350-63977450
chr12	64052250	64052350	1004-Lng-A-T	58	chr12:64052250-64052350
chr12	64243950	64244050	1072-Lng-A-T	73	chr12:64243950-64244050
chr12	64329550	64329650	901-Lng-B-T	169	chr12:64329550-64329650
chr12	64350850	64350950	1004-Lng-A-T	60	chr12:64350850-64350950
chr12	64407350	64407450	1065-Lng-B-T	60	chr12:64407350-64407450
chr12	64975950	64976050	846-Lng-A-T	181	chr12:64975950-64976050
chr12	65097450	65097550	1223-Lng-A-T	114	chr12:65097450-65097550
chr12	65128150	65128250	1188-Lng-A-T	49	chr12:65128150-65128250
chr12	65204250	65204350	1004-Lng-A-T	84	chr12:65204250-65204350
chr12	65373150	65373250	1223-Lng-B-T	66	chr12:65373150-65373250
chr12	65383350	65383450	1004-Lng-A-T	95	chr12:65383350-65383450
chr12	65462850	65462950	1004-Lng-A-T	67	chr12:65462850-65462950
chr12	65467650	65467750	1065-Lng-B-T	43	chr12:65467650-65467750
chr12	65467850	65467950	846-Lng-A-T	186	chr12:65467850-65467950
chr12	65478650	65478750	1223-Lng-B-T	35	chr12:65478650-65478750
chr12	65589850	65589950	901-Lng-C-T	29	chr12:65589850-65589950
chr12	65696450	65696550	1100-Lng-A-T	94	chr12:65696450-65696550
chr12	65743150	65743250	1004-Lng-A-T	78	chr12:65743150-65743250
chr12	65951150	65951250	901-Lng-C-T	92	chr12:65951150-65951250
chr12	66015350	66015450	1065-Lng-A-T	94	chr12:66015350-66015450
chr12	66069150	66069250	1188-Lng-A-T	40	chr12:66069150-66069250
chr12	66071550	66071650	1100-Lng-B-T	631	chr12:66071550-66071650
chr12	66080950	66081050	1223-Lng-B-T	144	chr12:66080950-66081050
chr12	66085950	66086050	901-Lng-A-T	82	chr12:66085950-66086050
chr12	66099650	66099750	1065-Lng-C-T	1290	chr12:66099650-66099750

Table S2: SB Insertion regions

chr12	66124950	66125050	1167-Lng-A-T	63	chr12:66124950-66125050
chr12	66139950	66140050	1274-Lng-A-T	56	chr12:66139950-66140050
chr12	66145850	66145950	1151-Lng-A-T	60	chr12:66145850-66145950
chr12	66228450	66228550	846-Lng-A-T	127	chr12:66228450-66228550
chr12	66631350	66631450	846-Lng-A-T	116	chr12:66631350-66631450
chr12	66648750	66648850	1274-Lng-A-T	83	chr12:66648750-66648850
chr12	66778650	66778750	901-Lng-A-T	63	chr12:66778650-66778750
chr12	66823350	66823450	1004-Lng-A-T	201	chr12:66823350-66823450
chr12	67032250	67032350	1223-Lng-A-T	308	chr12:67032250-67032350
chr12	67131450	67131550	1065-Lng-C-T	2010	chr12:67131450-67131550
chr12	67386050	67386150	901-Lng-C-T	67	chr12:67386050-67386150
chr12	67744950	67745050	1065-Lng-A-T	42	chr12:67744950-67745050
chr12	67788050	67788150	901-Lng-A-T	95	chr12:67788050-67788150
chr12	67850050	67850150	1072-Lng-A-T	49	chr12:67850050-67850150
chr12	67900050	67900150	1152-Lng-A-T	41	chr12:67900050-67900150
chr12	68160250	68160350	901-Lng-D-T	265	chr12:68160250-68160350
chr12	68243350	68243450	1274-Lng-A-T	97	chr12:68243350-68243450
chr12	68410250	68410350	901-Lng-B-T	66	chr12:68410250-68410350
chr12	68554950	68555050	901-Lng-A-T	212	chr12:68554950-68555050
chr12	68690150	68690250	1065-Lng-A-T	126	chr12:68690150-68690250
chr12	68722950	68723050	1065-Lng-B-T	70	chr12:68722950-68723050
chr12	69557450	69557550	901-Lng-D-T	708	chr12:69557450-69557550
chr12	69745150	69745250	1065-Lng-A-T	59	chr12:69745150-69745250
chr12	69794850	69794950	1065-Lng-C-T	100	chr12:69794850-69794950
chr12	69869550	69869650	1004-Lng-A-T	51	chr12:69869550-69869650
chr12	70301650	70301750	1065-Lng-B-T	49	chr12:70301650-70301750
chr12	70394250	70394350	901-Lng-A-T	59	chr12:70394250-70394350
chr12	70409050	70409150	1151-Lng-A-T	295	chr12:70409050-70409150
chr12	70416350	70416450	1152-Lng-A-T	164	chr12:70416350-70416450
chr12	70526350	70526450	1100-Lng-B-T	83	chr12:70526350-70526450
chr12	70544950	70545050	1167-Lng-A-T	55	chr12:70544950-70545050
chr12	70680850	70680950	1152-Lng-A-T	64	chr12:70680850-70680950
chr12	70724250	70724350	1065-Lng-A-T	82	chr12:70724250-70724350
chr12	70807150	70807250	1223-Lng-C-T	47	chr12:70807150-70807250
chr12	70850750	70850850	1274-Lng-A-T	57	chr12:70850750-70850850
chr12	70942250	70942350	1004-Lng-A-T	521	chr12:70942250-70942350
chr12	70973850	70973950	1223-Lng-B-T	115	chr12:70973850-70973950
chr12	71063550	71063650	1223-Lng-D-T	41	chr12:71063550-71063650
chr12	71086350	71086450	1004-Lng-A-T	78	chr12:71086350-71086450
chr12	71431850	71431950	1152-Lng-A-T	134	chr12:71431850-71431950
chr12	71720350	71720450	1004-Lng-A-T	244	chr12:71720350-71720450
chr12	71786850	71786950	1274-Lng-A-T	128	chr12:71786850-71786950
chr12	71900350	71900450	1223-Lng-D-T	53	chr12:71900350-71900450
chr12	71914950	71915050	1151-Lng-A-T	68	chr12:71914950-71915050
chr12	71951250	71951350	1274-Lng-A-T	99	chr12:71951250-71951350
chr12	71966450	71966550	901-Lng-B-T	150	chr12:71966450-71966550

Table S2: SB Insertion regions

chr12	72010950	72011050	1090-Lng-A-T	71	chr12:72010950-72011050
chr12	72047150	72047250	1065-Lng-C-T	62	chr12:72047150-72047250
chr12	72080950	72081050	1065-Lng-B-T	51	chr12:72080950-72081050
chr12	72088850	72088950	1090-Lng-A-T	486	chr12:72088850-72088950
chr12	72090350	72090450	901-Lng-A-T	96	chr12:72090350-72090450
chr12	72111150	72111250	901-Lng-A-T	70	chr12:72111150-72111250
chr12	72112150	72112250	1274-Lng-A-T	87	chr12:72112150-72112250
chr12	72146350	72146450	1065-Lng-A-T	80	chr12:72146350-72146450
chr12	72159450	72159550	1152-Lng-A-T	47	chr12:72159450-72159550
chr12	72354750	72354850	1090-Lng-A-T	866	chr12:72354750-72354850
chr12	72936050	72936150	1100-Lng-A-T	150	chr12:72936050-72936150
chr12	72956150	72956250	1274-Lng-A-T	106	chr12:72956150-72956250
chr12	72973750	72973850	1065-Lng-A-T	107	chr12:72973750-72973850
chr12	72976750	72976850	1167-Lng-A-T	81	chr12:72976750-72976850
chr12	73005750	73005850	1274-Lng-A-T	79	chr12:73005750-73005850
chr12	73012550	73012650	1188-Lng-A-T	201	chr12:73012550-73012650
chr12	73016150	73016250	1274-Lng-A-T	50	chr12:73016150-73016250
chr12	73022050	73022150	1274-Lng-A-T	59	chr12:73022050-73022150
chr12	73059750	73059850	1274-Lng-A-T	280	chr12:73059750-73059850
chr12	73084150	73084250	901-Lng-C-T	52	chr12:73084150-73084250
chr12	73317750	73317850	1223-Lng-B-T	38	chr12:73317750-73317850
chr12	73636850	73636950	1004-Lng-A-T	52	chr12:73636850-73636950
chr12	73771850	73771950	1004-Lng-A-T	84	chr12:73771850-73771950
chr12	73839650	73839750	901-Lng-B-T	146	chr12:73839650-73839750
chr12	73866350	73866450	1274-Lng-A-T	251	chr12:73866350-73866450
chr12	73867350	73867450	1152-Lng-A-T	88	chr12:73867350-73867450
chr12	74193150	74193250	1065-Lng-B-T	48	chr12:74193150-74193250
chr12	74235850	74235950	901-Lng-B-T	94	chr12:74235850-74235950
chr12	74322850	74322950	901-Lng-A-T	67	chr12:74322850-74322950
chr12	74380750	74380850	1223-Lng-B-T	42	chr12:74380750-74380850
chr12	74817850	74817950	1065-Lng-C-T	96	chr12:74817850-74817950
chr12	74843550	74843650	901-Lng-A-T	104	chr12:74843550-74843650
chr12	74912850	74912950	1274-Lng-A-T	305	chr12:74912850-74912950
chr12	74976850	74976950	1188-Lng-A-T	306	chr12:74976850-74976950
chr12	75011850	75011950	1090-Lng-B-T	516	chr12:75011850-75011950
chr12	75021950	75022050	1274-Lng-A-T	204	chr12:75021950-75022050
chr12	75024350	75024450	1223-Lng-B-T	38	chr12:75024350-75024450
chr12	75032150	75032250	1065-Lng-B-T	57	chr12:75032150-75032250
chr12	75047350	75047450	1274-Lng-A-T	59	chr12:75047350-75047450
chr12	75377450	75377550	1223-Lng-A-T	200	chr12:75377450-75377550
chr12	75425150	75425250	1274-Lng-A-T	57	chr12:75425150-75425250
chr12	75452250	75452350	1100-Lng-A-T	91	chr12:75452250-75452350
chr12	75549550	75549650	1223-Lng-D-T	66	chr12:75549550-75549650
chr12	75617250	75617350	1004-Lng-A-T	81	chr12:75617250-75617350
chr12	75694750	75694850	901-Lng-A-T	124	chr12:75694750-75694850
chr12	75734550	75734650	1065-Lng-C-T	91	chr12:75734550-75734650

Table S2: SB Insertion regions

chr12	75810850	75810950	1152-Lng-A-T	42	chr12:75810850-75810950
chr12	75823650	75823750	901-Lng-D-T	47	chr12:75823650-75823750
chr12	75905450	75905550	1065-Lng-B-T	70	chr12:75905450-75905550
chr12	76069550	76069650	901-Lng-A-T	118	chr12:76069550-76069650
chr12	76078050	76078150	1090-Lng-A-T	129	chr12:76078050-76078150
chr12	76164450	76164550	901-Lng-A-T	107	chr12:76164450-76164550
chr12	76261250	76261350	1152-Lng-A-T	111	chr12:76261250-76261350
chr12	76410050	76410150	1072-Lng-A-T	167	chr12:76410050-76410150
chr12	76549750	76549850	901-Lng-B-T	150	chr12:76549750-76549850
chr12	76564450	76564550	1274-Lng-A-T	73	chr12:76564450-76564550
chr12	76588350	76588450	1188-Lng-A-T	65	chr12:76588350-76588450
chr12	76629950	76630050	1223-Lng-C-T	81	chr12:76629950-76630050
chr12	76634950	76635050	1152-Lng-A-T	54	chr12:76634950-76635050
chr12	76642150	76642250	901-Lng-A-T	72	chr12:76642150-76642250
chr12	76836050	76836150	1274-Lng-A-T	143	chr12:76836050-76836150
chr12	76968450	76968550	1065-Lng-C-T	86	chr12:76968450-76968550
chr12	76976650	76976750	1152-Lng-A-T	37	chr12:76976650-76976750
chr12	77075050	77075150	901-Lng-D-T	36	chr12:77075050-77075150
chr12	77318350	77318450	1004-Lng-A-T	67	chr12:77318350-77318450
chr12	77400950	77401050	1072-Lng-A-T	56	chr12:77400950-77401050
chr12	77400950	77401050	1223-Lng-A-T	166	chr12:77400950-77401050
chr12	77426650	77426750	1274-Lng-A-T	179	chr12:77426650-77426750
chr12	77436550	77436650	1151-Lng-A-T	148	chr12:77436550-77436650
chr12	77442950	77443050	1223-Lng-C-T	67	chr12:77442950-77443050
chr12	77509550	77509650	1072-Lng-A-T	133	chr12:77509550-77509650
chr12	77562950	77563050	1065-Lng-C-T	86	chr12:77562950-77563050
chr12	77686350	77686450	1072-Lng-A-T	85	chr12:77686350-77686450
chr12	77799650	77799750	1090-Lng-B-T	385	chr12:77799650-77799750
chr12	77873050	77873150	1090-Lng-A-T	92	chr12:77873050-77873150
chr12	77911250	77911350	1065-Lng-A-T	75	chr12:77911250-77911350
chr12	77915950	77916050	901-Lng-B-T	47	chr12:77915950-77916050
chr12	77922050	77922150	1188-Lng-A-T	244	chr12:77922050-77922150
chr12	78052950	78053050	1223-Lng-D-T	64	chr12:78052950-78053050
chr12	78171150	78171250	901-Lng-C-T	244	chr12:78171150-78171250
chr12	78253650	78253750	1065-Lng-B-T	44	chr12:78253650-78253750
chr12	78354550	78354650	1065-Lng-C-T	69	chr12:78354550-78354650
chr12	78357950	78358050	1065-Lng-A-T	59	chr12:78357950-78358050
chr12	78449950	78450050	1072-Lng-A-T	64	chr12:78449950-78450050
chr12	78450050	78450150	1100-Lng-A-T	61	chr12:78450050-78450150
chr12	78492050	78492150	901-Lng-B-T	90	chr12:78492050-78492150
chr12	78733650	78733750	901-Lng-B-T	252	chr12:78733650-78733750
chr12	79134550	79134650	901-Lng-C-T	165	chr12:79134550-79134650
chr12	79364150	79364250	1151-Lng-A-T	91	chr12:79364150-79364250
chr12	79364750	79364850	1151-Lng-A-T	71	chr12:79364750-79364850
chr12	79427750	79427850	1223-Lng-A-T	66	chr12:79427750-79427850
chr12	79439650	79439750	1274-Lng-A-T	80	chr12:79439650-79439750

Table S2: SB Insertion regions

chr12	79451150	79451250	1223-Lng-A-T	112	chr12:79451150-79451250
chr12	79500550	79500650	1152-Lng-A-T	72	chr12:79500550-79500650
chr12	79504350	79504450	1004-Lng-A-T	94	chr12:79504350-79504450
chr12	79603250	79603350	1100-Lng-A-T	146	chr12:79603250-79603350
chr12	79613850	79613950	1090-Lng-A-T	45	chr12:79613850-79613950
chr12	79632850	79632950	1223-Lng-B-T	34	chr12:79632850-79632950
chr12	79717750	79717850	1065-Lng-A-T	521	chr12:79717750-79717850
chr12	79757950	79758050	901-Lng-A-T	83	chr12:79757950-79758050
chr12	79816650	79816750	901-Lng-D-T	62	chr12:79816650-79816750
chr12	79852450	79852550	901-Lng-C-T	32	chr12:79852450-79852550
chr12	79859350	79859450	1274-Lng-A-T	78	chr12:79859350-79859450
chr12	79871050	79871150	1274-Lng-A-T	66	chr12:79871050-79871150
chr12	79887150	79887250	1223-Lng-B-T	39	chr12:79887150-79887250
chr12	79894650	79894750	1167-Lng-A-T	88	chr12:79894650-79894750
chr12	79904650	79904750	1100-Lng-B-T	172	chr12:79904650-79904750
chr12	79926350	79926450	1072-Lng-A-T	51	chr12:79926350-79926450
chr12	79928950	79929050	1188-Lng-A-T	35	chr12:79928950-79929050
chr12	79942250	79942350	1065-Lng-A-T	878	chr12:79942250-79942350
chr12	79950750	79950850	1223-Lng-A-T	126	chr12:79950750-79950850
chr12	79960750	79960850	1072-Lng-A-T	71	chr12:79960750-79960850
chr12	80119750	80119850	901-Lng-A-T	59	chr12:80119750-80119850
chr12	80148650	80148750	1065-Lng-A-T	75	chr12:80148650-80148750
chr12	80260650	80260750	1274-Lng-A-T	50	chr12:80260650-80260750
chr12	80375050	80375150	1065-Lng-B-T	51	chr12:80375050-80375150
chr12	80411550	80411650	1223-Lng-B-T	142	chr12:80411550-80411650
chr12	80533850	80533950	1223-Lng-D-T	47	chr12:80533850-80533950
chr12	80563450	80563550	1072-Lng-A-T	227	chr12:80563450-80563550
chr12	80611450	80611550	1167-Lng-A-T	88	chr12:80611450-80611550
chr12	80684150	80684250	901-Lng-B-T	106	chr12:80684150-80684250
chr12	80687150	80687250	1188-Lng-A-T	107	chr12:80687150-80687250
chr12	80892350	80892450	1072-Lng-A-T	52	chr12:80892350-80892450
chr12	80992950	80993050	901-Lng-A-T	63	chr12:80992950-80993050
chr12	81088150	81088250	1223-Lng-D-T	41	chr12:81088150-81088250
chr12	81093450	81093550	1188-Lng-A-T	58	chr12:81093450-81093550
chr12	81093550	81093650	1188-Lng-A-T	2522	chr12:81093550-81093650
chr12	81234350	81234450	1223-Lng-B-T	48	chr12:81234350-81234450
chr12	81242050	81242150	901-Lng-C-T	56	chr12:81242050-81242150
chr12	81280850	81280950	1100-Lng-A-T	177	chr12:81280850-81280950
chr12	81386650	81386750	1151-Lng-A-T	154	chr12:81386650-81386750
chr12	81426750	81426850	1151-Lng-A-T	80	chr12:81426750-81426850
chr12	81448550	81448650	1188-Lng-A-T	69	chr12:81448550-81448650
chr12	81483050	81483150	1274-Lng-A-T	253	chr12:81483050-81483150
chr12	81492750	81492850	1090-Lng-A-T	110	chr12:81492750-81492850
chr12	81611750	81611850	901-Lng-B-T	97	chr12:81611750-81611850
chr12	81666350	81666450	1065-Lng-B-T	47	chr12:81666350-81666450
chr12	81699250	81699350	1188-Lng-A-T	220	chr12:81699250-81699350

Table S2: SB Insertion regions

chr12	81762750	81762850	1223-Lng-D-T	174	chr12:81762750-81762850
chr12	81920950	81921050	1004-Lng-A-T	78	chr12:81920950-81921050
chr12	81960850	81960950	1188-Lng-A-T	137	chr12:81960850-81960950
chr12	81994850	81994950	1274-Lng-A-T	59	chr12:81994850-81994950
chr12	82054750	82054850	1152-Lng-A-T	81	chr12:82054750-82054850
chr12	82055550	82055650	1065-Lng-C-T	81	chr12:82055550-82055650
chr12	82402450	82402550	901-Lng-A-T	93	chr12:82402450-82402550
chr12	82487750	82487850	1072-Lng-A-T	72	chr12:82487750-82487850
chr12	82498350	82498450	1223-Lng-B-T	35	chr12:82498350-82498450
chr12	82570050	82570150	1100-Lng-A-T	62	chr12:82570050-82570150
chr12	82619250	82619350	1072-Lng-A-T	59	chr12:82619250-82619350
chr12	82730250	82730350	1274-Lng-A-T	138	chr12:82730250-82730350
chr12	82829150	82829250	1167-Lng-A-T	70	chr12:82829150-82829250
chr12	82844150	82844250	1223-Lng-D-T	43	chr12:82844150-82844250
chr12	82960450	82960550	1065-Lng-B-T	43	chr12:82960450-82960550
chr12	83070350	83070450	1188-Lng-A-T	134	chr12:83070350-83070450
chr12	83277550	83277650	1274-Lng-A-T	113	chr12:83277550-83277650
chr12	83298050	83298150	1274-Lng-A-T	160	chr12:83298050-83298150
chr12	83329050	83329150	1188-Lng-A-T	37	chr12:83329050-83329150
chr12	83335250	83335350	1167-Lng-A-T	111	chr12:83335250-83335350
chr12	83336950	83337050	1167-Lng-A-T	107	chr12:83336950-83337050
chr12	83579750	83579850	901-Lng-A-T	57	chr12:83579750-83579850
chr12	83827950	83828050	1100-Lng-A-T	117	chr12:83827950-83828050
chr12	83904650	83904750	1004-Lng-A-T	78	chr12:83904650-83904750
chr12	84732650	84732750	1223-Lng-B-T	45	chr12:84732650-84732750
chr12	84884550	84884650	1274-Lng-A-T	49	chr12:84884550-84884650
chr12	84992450	84992550	1152-Lng-A-T	34	chr12:84992450-84992550
chr12	84992950	84993050	1100-Lng-A-T	62	chr12:84992950-84993050
chr12	85007450	85007550	1274-Lng-A-T	294	chr12:85007450-85007550
chr12	85145850	85145950	1223-Lng-B-T	89	chr12:85145850-85145950
chr12	85146550	85146650	1223-Lng-B-T	83	chr12:85146550-85146650
chr12	85150150	85150250	1004-Lng-A-T	54	chr12:85150150-85150250
chr12	85163750	85163850	1065-Lng-A-T	68	chr12:85163750-85163850
chr12	85200950	85201050	1152-Lng-A-T	72	chr12:85200950-85201050
chr12	85239750	85239850	1274-Lng-A-T	64	chr12:85239750-85239850
chr12	85250750	85250850	1152-Lng-A-T	44	chr12:85250750-85250850
chr12	85290450	85290550	1090-Lng-A-T	67	chr12:85290450-85290550
chr12	85623650	85623750	1167-Lng-A-T	141	chr12:85623650-85623750
chr12	85643850	85643950	1167-Lng-A-T	64	chr12:85643850-85643950
chr12	85662150	85662250	1065-Lng-B-T	48	chr12:85662150-85662250
chr12	85677950	85678050	1223-Lng-A-T	176	chr12:85677950-85678050
chr12	85707750	85707850	1188-Lng-A-T	66	chr12:85707750-85707850
chr12	85783450	85783550	1188-Lng-A-T	73	chr12:85783450-85783550
chr12	85787750	85787850	1004-Lng-A-T	60	chr12:85787750-85787850
chr12	85870450	85870550	1223-Lng-B-T	85	chr12:85870450-85870550
chr12	86041450	86041550	1004-Lng-A-T	57	chr12:86041450-86041550

Table S2: SB Insertion regions

chr12	86136550	86136650	901-Lng-C-T	205	chr12:86136550-86136650
chr12	86144150	86144250	1065-Lng-C-T	402	chr12:86144150-86144250
chr12	86151450	86151550	901-Lng-A-T	288	chr12:86151450-86151550
chr12	86154550	86154650	1274-Lng-A-T	99	chr12:86154550-86154650
chr12	86294550	86294650	1004-Lng-A-T	381	chr12:86294550-86294650
chr12	86302250	86302350	1065-Lng-C-T	66	chr12:86302250-86302350
chr12	86392750	86392850	901-Lng-B-T	223	chr12:86392750-86392850
chr12	86412650	86412750	1004-Lng-A-T	74	chr12:86412650-86412750
chr12	86425350	86425450	1274-Lng-A-T	125	chr12:86425350-86425450
chr12	86452450	86452550	1152-Lng-A-T	32	chr12:86452450-86452550
chr12	86458550	86458650	1065-Lng-B-T	72	chr12:86458550-86458650
chr12	86706750	86706850	846-Lng-A-T	141	chr12:86706750-86706850
chr12	86826550	86826650	1065-Lng-C-T	81	chr12:86826550-86826650
chr12	86953250	86953350	901-Lng-C-T	30	chr12:86953250-86953350
chr12	86954050	86954150	1065-Lng-A-T	44	chr12:86954050-86954150
chr12	87117550	87117650	1167-Lng-A-T	119	chr12:87117550-87117650
chr12	87208150	87208250	901-Lng-C-T	54	chr12:87208150-87208250
chr12	87456550	87456650	901-Lng-D-T	71	chr12:87456550-87456650
chr12	87684150	87684250	901-Lng-D-T	168	chr12:87684150-87684250
chr12	87692550	87692650	1004-Lng-A-T	64	chr12:87692550-87692650
chr12	88164450	88164550	846-Lng-A-T	119	chr12:88164450-88164550
chr12	88296550	88296650	1004-Lng-A-T	50	chr12:88296550-88296650
chr12	88516150	88516250	1152-Lng-A-T	80	chr12:88516150-88516250
chr12	88540250	88540350	1090-Lng-A-T	54	chr12:88540250-88540350
chr12	88596750	88596850	1065-Lng-B-T	66	chr12:88596750-88596850
chr12	88745850	88745950	1100-Lng-A-T	57	chr12:88745850-88745950
chr12	88760850	88760950	1072-Lng-A-T	113	chr12:88760850-88760950
chr12	89347850	89347950	901-Lng-A-T	101	chr12:89347850-89347950
chr12	89357250	89357350	1004-Lng-A-T	69	chr12:89357250-89357350
chr12	89539350	89539450	1004-Lng-A-T	68	chr12:89539350-89539450
chr12	89605250	89605350	846-Lng-A-T	50	chr12:89605250-89605350
chr12	89740050	89740150	1100-Lng-A-T	93	chr12:89740050-89740150
chr12	89867950	89868050	1100-Lng-B-T	56	chr12:89867950-89868050
chr12	90291550	90291650	1065-Lng-A-T	51	chr12:90291550-90291650
chr12	90421450	90421550	1065-Lng-A-T	70	chr12:90421450-90421550
chr12	90516750	90516850	1090-Lng-A-T	89	chr12:90516750-90516850
chr12	90558850	90558950	901-Lng-A-T	495	chr12:90558850-90558950
chr12	90715850	90715950	901-Lng-D-T	364	chr12:90715850-90715950
chr12	90718750	90718850	1065-Lng-A-T	44	chr12:90718750-90718850
chr12	90866050	90866150	1151-Lng-A-T	82	chr12:90866050-90866150
chr12	90944950	90945050	1065-Lng-B-T	91	chr12:90944950-90945050
chr12	90957750	90957850	1065-Lng-A-T	176	chr12:90957750-90957850
chr12	91084850	91084950	1188-Lng-A-T	108	chr12:91084850-91084950
chr12	91162050	91162150	901-Lng-A-T	172	chr12:91162050-91162150
chr12	91251450	91251550	1065-Lng-C-T	142	chr12:91251450-91251550
chr12	91386950	91387050	1065-Lng-A-T	43	chr12:91386950-91387050

Table S2: SB Insertion regions

chr12	91539450	91539550	1004-Lng-A-T	691	chr12:91539450-91539550
chr12	91596750	91596850	1004-Lng-A-T	72	chr12:91596750-91596850
chr12	91802250	91802350	901-Lng-D-T	46	chr12:91802250-91802350
chr12	92050050	92050150	1223-Lng-D-T	63	chr12:92050050-92050150
chr12	92087650	92087750	901-Lng-B-T	464	chr12:92087650-92087750
chr12	92439650	92439750	1065-Lng-B-T	484	chr12:92439650-92439750
chr12	92542550	92542650	1167-Lng-A-T	91	chr12:92542550-92542650
chr12	92704550	92704650	846-Lng-A-T	207	chr12:92704550-92704650
chr12	92734350	92734450	1090-Lng-B-T	1168	chr12:92734350-92734450
chr12	92927350	92927450	1188-Lng-A-T	152	chr12:92927350-92927450
chr12	93046550	93046650	1274-Lng-A-T	68	chr12:93046550-93046650
chr12	93071150	93071250	1152-Lng-A-T	69	chr12:93071150-93071250
chr12	93072650	93072750	1274-Lng-A-T	61	chr12:93072650-93072750
chr12	93085650	93085750	1065-Lng-B-T	51	chr12:93085650-93085750
chr12	93239950	93240050	1072-Lng-A-T	112	chr12:93239950-93240050
chr12	93438350	93438450	1004-Lng-A-T	56	chr12:93438350-93438450
chr12	93488550	93488650	1188-Lng-A-T	39	chr12:93488550-93488650
chr12	93563850	93563950	901-Lng-D-T	63	chr12:93563850-93563950
chr12	93803950	93804050	1065-Lng-A-T	102	chr12:93803950-93804050
chr12	93836050	93836150	1065-Lng-A-T	44	chr12:93836050-93836150
chr12	93882550	93882650	1152-Lng-A-T	105	chr12:93882550-93882650
chr12	94199750	94199850	1065-Lng-C-T	91	chr12:94199750-94199850
chr12	94400550	94400650	1090-Lng-B-T	94	chr12:94400550-94400650
chr12	94415050	94415150	846-Lng-A-T	132	chr12:94415050-94415150
chr12	94434650	94434750	1223-Lng-B-T	79	chr12:94434650-94434750
chr12	94452350	94452450	901-Lng-B-T	122	chr12:94452350-94452450
chr12	94792550	94792650	1223-Lng-B-T	211	chr12:94792550-94792650
chr12	94904950	94905050	1223-Lng-B-T	40	chr12:94904950-94905050
chr12	94915550	94915650	1223-Lng-D-T	45	chr12:94915550-94915650
chr12	95085850	95085950	1274-Lng-A-T	54	chr12:95085850-95085950
chr12	95151050	95151150	1151-Lng-A-T	469	chr12:95151050-95151150
chr12	95364050	95364150	1065-Lng-B-T	56	chr12:95364050-95364150
chr12	95391550	95391650	1065-Lng-B-T	64	chr12:95391550-95391650
chr12	95593850	95593950	1004-Lng-A-T	49	chr12:95593850-95593950
chr12	95654150	95654250	1065-Lng-B-T	59	chr12:95654150-95654250
chr12	95669650	95669750	1151-Lng-A-T	69	chr12:95669650-95669750
chr12	95704050	95704150	1065-Lng-B-T	47	chr12:95704050-95704150
chr12	95905150	95905250	1065-Lng-B-T	86	chr12:95905150-95905250
chr12	96142150	96142250	1188-Lng-A-T	56	chr12:96142150-96142250
chr12	96147750	96147850	1274-Lng-A-T	84	chr12:96147750-96147850
chr12	96176450	96176550	846-Lng-A-T	231	chr12:96176450-96176550
chr12	96202650	96202750	1072-Lng-A-T	75	chr12:96202650-96202750
chr12	96323150	96323250	901-Lng-A-T	92	chr12:96323150-96323250
chr12	96414550	96414650	846-Lng-A-T	95	chr12:96414550-96414650
chr12	96440650	96440750	1152-Lng-A-T	69	chr12:96440650-96440750
chr12	96531650	96531750	1065-Lng-B-T	46	chr12:96531650-96531750

Table S2: SB Insertion regions

chr12	96831750	96831850	1072-Lng-A-T	197	chr12:96831750-96831850
chr12	96875550	96875650	1152-Lng-A-T	325	chr12:96875550-96875650
chr12	97028450	97028550	846-Lng-A-T	635	chr12:97028450-97028550
chr12	97054050	97054150	1223-Lng-B-T	50	chr12:97054050-97054150
chr12	97200050	97200150	846-Lng-A-T	172	chr12:97200050-97200150
chr12	97231550	97231650	1152-Lng-A-T	195	chr12:97231550-97231650
chr12	97250950	97251050	1223-Lng-A-T	91	chr12:97250950-97251050
chr12	97550850	97550950	901-Lng-C-T	67	chr12:97550850-97550950
chr12	97658950	97659050	1004-Lng-A-T	85	chr12:97658950-97659050
chr12	97693550	97693650	1151-Lng-A-T	61	chr12:97693550-97693650
chr12	97743650	97743750	1065-Lng-B-T	48	chr12:97743650-97743750
chr12	98036150	98036250	1152-Lng-A-T	33	chr12:98036150-98036250
chr12	98042250	98042350	1274-Lng-A-T	70	chr12:98042250-98042350
chr12	98066650	98066750	1004-Lng-A-T	160	chr12:98066650-98066750
chr12	98314050	98314150	846-Lng-A-T	64	chr12:98314050-98314150
chr12	98315050	98315150	1004-Lng-A-T	147	chr12:98315050-98315150
chr12	98323050	98323150	901-Lng-A-T	537	chr12:98323050-98323150
chr12	98340350	98340450	1274-Lng-A-T	80	chr12:98340350-98340450
chr12	98347750	98347850	901-Lng-A-T	396	chr12:98347750-98347850
chr12	98414550	98414650	1004-Lng-A-T	66	chr12:98414550-98414650
chr12	98473150	98473250	1065-Lng-C-T	64	chr12:98473150-98473250
chr12	98484250	98484350	901-Lng-A-T	56	chr12:98484250-98484350
chr12	98501650	98501750	1188-Lng-A-T	367	chr12:98501650-98501750
chr12	98735350	98735450	1090-Lng-A-T	77	chr12:98735350-98735450
chr12	98867650	98867750	1004-Lng-A-T	66	chr12:98867650-98867750
chr12	99128650	99128750	1188-Lng-A-T	42	chr12:99128650-99128750
chr12	99133950	99134050	1065-Lng-A-T	37	chr12:99133950-99134050
chr12	99225350	99225450	1188-Lng-A-T	73	chr12:99225350-99225450
chr12	99447450	99447550	1188-Lng-A-T	105	chr12:99447450-99447550
chr12	99477050	99477150	901-Lng-C-T	34	chr12:99477050-99477150
chr12	99500650	99500750	1090-Lng-A-T	101	chr12:99500650-99500750
chr12	99571150	99571250	1072-Lng-A-T	74	chr12:99571150-99571250
chr12	99923450	99923550	1152-Lng-A-T	95	chr12:99923450-99923550
chr12	99958950	99959050	1151-Lng-A-T	89	chr12:99958950-99959050
chr12	99965750	99965850	1065-Lng-A-T	58	chr12:99965750-99965850
chr12	100002250	100002350	1223-Lng-A-T	432	chr12:100002250-100002350
chr12	100006750	100006850	1004-Lng-A-T	75	chr12:100006750-100006850
chr12	100032050	100032150	1065-Lng-A-T	102	chr12:100032050-100032150
chr12	100060350	100060450	1072-Lng-A-T	117	chr12:100060350-100060450
chr12	100068050	100068150	1004-Lng-A-T	55	chr12:100068050-100068150
chr12	100212350	100212450	1065-Lng-A-T	73	chr12:100212350-100212450
chr12	100413050	100413150	1004-Lng-A-T	142	chr12:100413050-100413150
chr12	100455950	100456050	1090-Lng-A-T	76	chr12:100455950-100456050
chr12	100482250	100482350	1065-Lng-B-T	100	chr12:100482250-100482350
chr12	100530850	100530950	1223-Lng-A-T	177	chr12:100530850-100530950
chr12	100538950	100539050	1223-Lng-B-T	74	chr12:100538950-100539050

Table S2: SB Insertion regions

chr12	100549050	100549150	1065-Lng-A-T	34	chr12:100549050-100549150
chr12	100561150	100561250	1004-Lng-A-T	74	chr12:100561150-100561250
chr12	100586550	100586650	1100-Lng-A-T	248	chr12:100586550-100586650
chr12	100600950	100601050	1223-Lng-B-T	92	chr12:100600950-100601050
chr12	100785250	100785350	1167-Lng-A-T	114	chr12:100785250-100785350
chr12	101008950	101009050	1065-Lng-C-T	111	chr12:101008950-101009050
chr12	101303950	101304050	1004-Lng-A-T	103	chr12:101303950-101304050
chr12	101677450	101677550	1004-Lng-A-T	62	chr12:101677450-101677550
chr12	101806050	101806150	1065-Lng-A-T	41	chr12:101806050-101806150
chr12	101827850	101827950	901-Lng-C-T	28	chr12:101827850-101827950
chr12	102033550	102033650	1274-Lng-A-T	50	chr12:102033550-102033650
chr12	102283550	102283650	901-Lng-D-T	724	chr12:102283550-102283650
chr12	102316150	102316250	1274-Lng-A-T	50	chr12:102316150-102316250
chr12	102359250	102359350	1065-Lng-B-T	77	chr12:102359250-102359350
chr12	102780050	102780150	901-Lng-D-T	48	chr12:102780050-102780150
chr12	102872950	102873050	1090-Lng-A-T	73	chr12:102872950-102873050
chr12	102885350	102885450	1188-Lng-A-T	154	chr12:102885350-102885450
chr12	102915750	102915850	1223-Lng-B-T	35	chr12:102915750-102915850
chr12	102935450	102935550	1072-Lng-A-T	266	chr12:102935450-102935550
chr12	102947250	102947350	1004-Lng-A-T	803	chr12:102947250-102947350
chr12	102960250	102960350	1223-Lng-C-T	53	chr12:102960250-102960350
chr12	102967250	102967350	1004-Lng-A-T	51	chr12:102967250-102967350
chr12	103085550	103085650	901-Lng-B-T	54	chr12:103085550-103085650
chr12	103108150	103108250	1223-Lng-C-T	53	chr12:103108150-103108250
chr12	103177950	103178050	1188-Lng-A-T	47	chr12:103177950-103178050
chr12	103288750	103288850	1072-Lng-A-T	106	chr12:103288750-103288850
chr12	103292150	103292250	1065-Lng-C-T	65	chr12:103292150-103292250
chr12	103341750	103341850	901-Lng-B-T	74	chr12:103341750-103341850
chr12	103348850	103348950	1151-Lng-A-T	57	chr12:103348850-103348950
chr12	103375350	103375450	1100-Lng-A-T	71	chr12:103375350-103375450
chr12	103495050	103495150	1152-Lng-A-T	84	chr12:103495050-103495150
chr12	103696450	103696550	1100-Lng-A-T	246	chr12:103696450-103696550
chr12	103730050	103730150	1072-Lng-A-T	52	chr12:103730050-103730150
chr12	103883350	103883450	1274-Lng-A-T	142	chr12:103883350-103883450
chr12	103957550	103957650	1274-Lng-A-T	100	chr12:103957550-103957650
chr12	103990950	103991050	1065-Lng-A-T	36	chr12:103990950-103991050
chr12	103992350	103992450	1004-Lng-A-T	269	chr12:103992350-103992450
chr12	104037150	104037250	1065-Lng-B-T	55	chr12:104037150-104037250
chr12	104042650	104042750	1223-Lng-A-T	59	chr12:104042650-104042750
chr12	104048150	104048250	1152-Lng-A-T	38	chr12:104048150-104048250
chr12	104048150	104048250	1167-Lng-A-T	122	chr12:104048150-104048250
chr12	104067150	104067250	1188-Lng-A-T	436	chr12:104067150-104067250
chr12	104073350	104073450	901-Lng-C-T	43	chr12:104073350-104073450
chr12	104073950	104074050	1274-Lng-A-T	58	chr12:104073950-104074050
chr12	104100750	104100850	1004-Lng-A-T	208	chr12:104100750-104100850
chr12	104111050	104111150	1004-Lng-A-T	162	chr12:104111050-104111150

Table S2: SB Insertion regions

chr12	104490950	104491050	1004-Lng-A-T	582	chr12:104490950-104491050
chr12	104565050	104565150	1274-Lng-A-T	75	chr12:104565050-104565150
chr12	104730950	104731050	1167-Lng-A-T	65	chr12:104730950-104731050
chr12	104823350	104823450	1151-Lng-A-T	56	chr12:104823350-104823450
chr12	104938750	104938850	1004-Lng-A-T	64	chr12:104938750-104938850
chr12	105488950	105489050	901-Lng-D-T	54	chr12:105488950-105489050
chr12	105560350	105560450	1223-Lng-B-T	41	chr12:105560350-105560450
chr12	105766450	105766550	1090-Lng-B-T	157	chr12:105766450-105766550
chr12	106014350	106014450	846-Lng-A-T	153	chr12:106014350-106014450
chr12	106066850	106066950	1223-Lng-B-T	390	chr12:106066850-106066950
chr12	106097250	106097350	1223-Lng-A-T	1122	chr12:106097250-106097350
chr12	106521850	106521950	1274-Lng-A-T	95	chr12:106521850-106521950
chr12	106851450	106851550	1065-Lng-B-T	73	chr12:106851450-106851550
chr12	106910150	106910250	1072-Lng-A-T	52	chr12:106910150-106910250
chr12	106915150	106915250	1167-Lng-A-T	110	chr12:106915150-106915250
chr12	107034750	107034850	901-Lng-A-T	123	chr12:107034750-107034850
chr12	107036350	107036450	1100-Lng-A-T	75	chr12:107036350-107036450
chr12	107260050	107260150	846-Lng-A-T	159	chr12:107260050-107260150
chr12	107267450	107267550	846-Lng-A-T	68	chr12:107267450-107267550
chr12	107717050	107717150	1072-Lng-A-T	74	chr12:107717050-107717150
chr12	107913550	107913650	1065-Lng-B-T	91	chr12:107913550-107913650
chr12	108297150	108297250	901-Lng-A-T	150	chr12:108297150-108297250
chr12	108701850	108701950	1152-Lng-A-T	133	chr12:108701850-108701950
chr12	108870150	108870250	1065-Lng-C-T	62	chr12:108870150-108870250
chr12	109211650	109211750	1004-Lng-A-T	64	chr12:109211650-109211750
chr12	109371850	109371950	1223-Lng-A-T	71	chr12:109371850-109371950
chr12	109389050	109389150	1065-Lng-A-T	119	chr12:109389050-109389150
chr12	109415050	109415150	1072-Lng-A-T	58	chr12:109415050-109415150
chr12	109455650	109455750	1072-Lng-A-T	63	chr12:109455650-109455750
chr12	109532050	109532150	901-Lng-D-T	235	chr12:109532050-109532150
chr12	109602450	109602550	846-Lng-A-T	62	chr12:109602450-109602550
chr12	109605250	109605350	1090-Lng-B-T	106	chr12:109605250-109605350
chr12	109668650	109668750	1072-Lng-A-T	61	chr12:109668650-109668750
chr12	109689450	109689550	1004-Lng-A-T	75	chr12:109689450-109689550
chr12	109720050	109720150	901-Lng-A-T	82	chr12:109720050-109720150
chr12	109753750	109753850	1072-Lng-A-T	93	chr12:109753750-109753850
chr12	110106550	110106650	1223-Lng-D-T	43	chr12:110106550-110106650
chr12	110414250	110414350	1223-Lng-B-T	207	chr12:110414250-110414350
chr12	110751850	110751950	1274-Lng-A-T	72	chr12:110751850-110751950
chr12	111251950	111252050	1223-Lng-B-T	139	chr12:111251950-111252050
chr12	111697250	111697350	1072-Lng-A-T	62	chr12:111697250-111697350
chr12	111725050	111725150	1223-Lng-C-T	1178	chr12:111725050-111725150
chr12	111775550	111775650	1152-Lng-A-T	59	chr12:111775550-111775650
chr12	112110050	112110150	1072-Lng-A-T	100	chr12:112110050-112110150
chr12	112170050	112170150	1223-Lng-B-T	181	chr12:112170050-112170150
chr12	112308050	112308150	1004-Lng-A-T	119	chr12:112308050-112308150

Table S2: SB Insertion regions

chr12	112316750	112316850	1004-Lng-A-T	201	chr12:112316750-112316850
chr12	112323950	112324050	1167-Lng-A-T	50	chr12:112323950-112324050
chr12	112338550	112338650	1100-Lng-B-T	8740	chr12:112338550-112338650
chr12	112406950	112407050	1223-Lng-B-T	173	chr12:112406950-112407050
chr12	112410050	112410150	1004-Lng-A-T	124	chr12:112410050-112410150
chr12	112418050	112418150	1065-Lng-B-T	265	chr12:112418050-112418150
chr12	112489950	112490050	1151-Lng-A-T	411	chr12:112489950-112490050
chr12	112591850	112591950	1004-Lng-A-T	105	chr12:112591850-112591950
chr12	112829150	112829250	1274-Lng-A-T	125	chr12:112829150-112829250
chr12	112840850	112840950	1065-Lng-A-T	89	chr12:112840850-112840950
chr12	112861250	112861350	1065-Lng-A-T	69	chr12:112861250-112861350
chr12	112887850	112887950	1072-Lng-A-T	55	chr12:112887850-112887950
chr12	113011250	113011350	1100-Lng-A-T	86	chr12:113011250-113011350
chr12	113074150	113074250	1004-Lng-A-T	61	chr12:113074150-113074250
chr12	113124150	113124250	1100-Lng-A-T	113	chr12:113124150-113124250
chr12	113127850	113127950	1223-Lng-B-T	41	chr12:113127850-113127950
chr12	113135450	113135550	1223-Lng-A-T	63	chr12:113135450-113135550
chr12	113268950	113269050	1090-Lng-A-T	98	chr12:113268950-113269050
chr12	113639250	113639350	901-Lng-A-T	61	chr12:113639250-113639350
chr12	113920450	113920550	1274-Lng-A-T	107	chr12:113920450-113920550
chr12	114055050	114055150	1274-Lng-A-T	138	chr12:114055050-114055150
chr12	114187050	114187150	1151-Lng-A-T	113	chr12:114187050-114187150
chr12	114305750	114305850	1223-Lng-B-T	261	chr12:114305750-114305850
chr12	114319150	114319250	1090-Lng-B-T	373	chr12:114319150-114319250
chr12	114377050	114377150	1223-Lng-B-T	71	chr12:114377050-114377150
chr12	114379150	114379250	1152-Lng-A-T	48	chr12:114379150-114379250
chr12	114418950	114419050	1004-Lng-A-T	96	chr12:114418950-114419050
chr12	114606150	114606250	901-Lng-C-T	127	chr12:114606150-114606250
chr12	114763850	114763950	1004-Lng-A-T	64	chr12:114763850-114763950
chr12	114785350	114785450	901-Lng-D-T	468	chr12:114785350-114785450
chr12	114797550	114797650	1004-Lng-A-T	69	chr12:114797550-114797650
chr12	114890050	114890150	1065-Lng-B-T	83	chr12:114890050-114890150
chr12	114902850	114902950	1065-Lng-A-T	75	chr12:114902850-114902950
chr12	114955650	114955750	1223-Lng-C-T	44	chr12:114955650-114955750
chr12	115118250	115118350	901-Lng-A-T	118	chr12:115118250-115118350
chr12	115459650	115459750	1167-Lng-A-T	75	chr12:115459650-115459750
chr12	115758750	115758850	1004-Lng-A-T	58	chr12:115758750-115758850
chr12	115897350	115897450	1004-Lng-A-T	64	chr12:115897350-115897450
chr12	115924050	115924150	901-Lng-D-T	122	chr12:115924050-115924150
chr12	116058150	116058250	1004-Lng-A-T	68	chr12:116058150-116058250
chr12	116321250	116321350	846-Lng-A-T	106	chr12:116321250-116321350
chr12	116410950	116411050	846-Lng-A-T	89	chr12:116410950-116411050
chr12	116418550	116418650	1090-Lng-A-T	50	chr12:116418550-116418650
chr12	116442150	116442250	1065-Lng-A-T	175	chr12:116442150-116442250
chr12	116544050	116544150	1004-Lng-A-T	58	chr12:116544050-116544150
chr12	116687250	116687350	1100-Lng-A-T	83	chr12:116687250-116687350

Table S2: SB Insertion regions

chr12	116761550	116761650	1152-Lng-A-T	72	chr12:116761550-116761650
chr12	116850050	116850150	901-Lng-A-T	73	chr12:116850050-116850150
chr12	116879950	116880050	1090-Lng-B-T	873	chr12:116879950-116880050
chr12	116899850	116899950	1152-Lng-A-T	33	chr12:116899850-116899950
chr12	116950250	116950350	1090-Lng-A-T	483	chr12:116950250-116950350
chr12	117122050	117122150	1090-Lng-A-T	64	chr12:117122050-117122150
chr12	117155650	117155750	1065-Lng-A-T	54	chr12:117155650-117155750
chr12	117234250	117234350	1004-Lng-A-T	57	chr12:117234250-117234350
chr12	117432950	117433050	1065-Lng-A-T	57	chr12:117432950-117433050
chr12	117469850	117469950	1100-Lng-A-T	101	chr12:117469850-117469950
chr12	117480450	117480550	1072-Lng-A-T	48	chr12:117480450-117480550
chr12	117527350	117527450	1100-Lng-A-T	71	chr12:117527350-117527450
chr12	117531650	117531750	1100-Lng-A-T	249	chr12:117531650-117531750
chr12	117558650	117558750	901-Lng-D-T	54	chr12:117558650-117558750
chr12	117567550	117567650	1065-Lng-B-T	47	chr12:117567550-117567650
chr12	117577850	117577950	901-Lng-A-T	127	chr12:117577850-117577950
chr12	117701050	117701150	1065-Lng-B-T	176	chr12:117701050-117701150
chr12	117848150	117848250	1188-Lng-A-T	41	chr12:117848150-117848250
chr12	117861850	117861950	1065-Lng-A-T	96	chr12:117861850-117861950
chr12	117902350	117902450	1100-Lng-A-T	113	chr12:117902350-117902450
chr12	117924750	117924850	1100-Lng-A-T	55	chr12:117924750-117924850
chr12	118043050	118043150	901-Lng-B-T	661	chr12:118043050-118043150
chr12	118276150	118276250	901-Lng-C-T	92	chr12:118276150-118276250
chr12	118331650	118331750	1072-Lng-A-T	75	chr12:118331650-118331750
chr12	118469350	118469450	1223-Lng-A-T	54	chr12:118469350-118469450
chr12	118495350	118495450	901-Lng-B-T	236	chr12:118495350-118495450
chr12	118604750	118604850	1065-Lng-A-T	116	chr12:118604750-118604850
chr12	118669050	118669150	1274-Lng-A-T	62	chr12:118669050-118669150
chr12	118710050	118710150	1167-Lng-A-T	45	chr12:118710050-118710150
chr12	118750150	118750250	1167-Lng-A-T	104	chr12:118750150-118750250
chr12	118755450	118755550	1188-Lng-A-T	38	chr12:118755450-118755550
chr12	118797850	118797950	1151-Lng-A-T	93	chr12:118797850-118797950
chr12	118810450	118810550	1223-Lng-D-T	62	chr12:118810450-118810550
chr12	118819750	118819850	1004-Lng-A-T	144	chr12:118819750-118819850
chr12	118829050	118829150	1072-Lng-A-T	55	chr12:118829050-118829150
chr12	118883950	118884050	1065-Lng-A-T	303	chr12:118883950-118884050
chr12	118983850	118983950	901-Lng-B-T	38	chr12:118983850-118983950
chr12	118983850	118983950	1100-Lng-A-T	77	chr12:118983850-118983950
chr12	119060550	119060650	901-Lng-B-T	207	chr12:119060550-119060650
chr12	119063450	119063550	1090-Lng-A-T	60	chr12:119063450-119063550
chr12	119066850	119066950	901-Lng-A-T	98	chr12:119066850-119066950
chr12	119070150	119070250	1223-Lng-C-T	167	chr12:119070150-119070250
chr12	119089350	119089450	1188-Lng-A-T	149	chr12:119089350-119089450
chr12	119122850	119122950	1152-Lng-A-T	118	chr12:119122850-119122950
chr12	119160650	119160750	1152-Lng-A-T	411	chr12:119160650-119160750
chr12	119235550	119235650	1072-Lng-A-T	63	chr12:119235550-119235650

Table S2: SB Insertion regions

chr12	119236150	119236250	1004-Lng-A-T	515	chr12:119236150-119236250
chr12	119251150	119251250	1004-Lng-A-T	74	chr12:119251150-119251250
chr12	119486650	119486750	1090-Lng-A-T	105	chr12:119486650-119486750
chr12	119528250	119528350	901-Lng-B-T	163	chr12:119528250-119528350
chr12	119843150	119843250	1274-Lng-A-T	83	chr12:119843150-119843250
chr12	120310350	120310450	1072-Lng-A-T	157	chr12:120310350-120310450
chr12	120388850	120388950	1065-Lng-C-T	63	chr12:120388850-120388950
chr12	120440750	120440850	1188-Lng-A-T	43	chr12:120440750-120440850
chr12	120643350	120643450	1223-Lng-C-T	55	chr12:120643350-120643450
chr12	120645850	120645950	1100-Lng-A-T	110	chr12:120645850-120645950
chr12	120690250	120690350	1223-Lng-B-T	172	chr12:120690250-120690350
chr12	120707750	120707850	1223-Lng-B-T	86	chr12:120707750-120707850
chr12	120878150	120878250	901-Lng-B-T	82	chr12:120878150-120878250
chr12	121218150	121218250	901-Lng-B-T	151	chr12:121218150-121218250
chr12	121243750	121243850	1223-Lng-A-T	1669	chr12:121243750-121243850
chr13	3564050	3564150	1072-Lng-A-T	53	chr13:3564050-3564150
chr13	3600850	3600950	1223-Lng-A-T	161	chr13:3600850-3600950
chr13	3729350	3729450	1152-Lng-A-T	83	chr13:3729350-3729450
chr13	4029450	4029550	901-Lng-B-T	126	chr13:4029450-4029550
chr13	4181750	4181850	1065-Lng-A-T	76	chr13:4181750-4181850
chr13	4250750	4250850	1100-Lng-B-T	176	chr13:4250750-4250850
chr13	4539750	4539850	1151-Lng-A-T	54	chr13:4539750-4539850
chr13	4559250	4559350	1100-Lng-A-T	109	chr13:4559250-4559350
chr13	4581350	4581450	1065-Lng-C-T	170	chr13:4581350-4581450
chr13	4597250	4597350	901-Lng-D-T	361	chr13:4597250-4597350
chr13	4824150	4824250	1065-Lng-B-T	47	chr13:4824150-4824250
chr13	5340550	5340650	1090-Lng-A-T	1129	chr13:5340550-5340650
chr13	5542850	5542950	1151-Lng-A-T	59	chr13:5542850-5542950
chr13	5720150	5720250	1223-Lng-C-T	47	chr13:5720150-5720250
chr13	5729150	5729250	1090-Lng-A-T	70	chr13:5729150-5729250
chr13	5773650	5773750	1100-Lng-A-T	83	chr13:5773650-5773750
chr13	5971950	5972050	901-Lng-C-T	47	chr13:5971950-5972050
chr13	6035650	6035750	846-Lng-A-T	119	chr13:6035650-6035750
chr13	6346650	6346750	1100-Lng-A-T	56	chr13:6346650-6346750
chr13	6537850	6537950	1065-Lng-A-T	112	chr13:6537850-6537950
chr13	6583450	6583550	1100-Lng-B-T	78	chr13:6583450-6583550
chr13	7175950	7176050	1065-Lng-C-T	523	chr13:7175950-7176050
chr13	7467550	7467650	901-Lng-A-T	72	chr13:7467550-7467650
chr13	7739350	7739450	901-Lng-B-T	62	chr13:7739350-7739450
chr13	7874850	7874950	901-Lng-C-T	39	chr13:7874850-7874950
chr13	8063250	8063350	1152-Lng-A-T	62	chr13:8063250-8063350
chr13	8275150	8275250	1065-Lng-A-T	37	chr13:8275150-8275250
chr13	8818050	8818150	1090-Lng-A-T	86	chr13:8818050-8818150
chr13	8871050	8871150	1188-Lng-A-T	42	chr13:8871050-8871150
chr13	8871050	8871150	1090-Lng-B-T	601	chr13:8871050-8871150
chr13	8966450	8966550	1004-Lng-A-T	62	chr13:8966450-8966550

Table S2: SB Insertion regions

chr13	8969250	8969350	1188-Lng-A-T	35	chr13:8969250-8969350
chr13	9014550	9014650	1090-Lng-A-T	94	chr13:9014550-9014650
chr13	9096250	9096350	1152-Lng-A-T	82	chr13:9096250-9096350
chr13	9249050	9249150	1090-Lng-B-T	480	chr13:9249050-9249150
chr13	9255650	9255750	1065-Lng-B-T	322	chr13:9255650-9255750
chr13	9303150	9303250	1100-Lng-A-T	53	chr13:9303150-9303250
chr13	9332550	9332650	1274-Lng-A-T	81	chr13:9332550-9332650
chr13	9334150	9334250	1090-Lng-A-T	91	chr13:9334150-9334250
chr13	9338650	9338750	1004-Lng-A-T	53	chr13:9338650-9338750
chr13	9361950	9362050	1004-Lng-A-T	85	chr13:9361950-9362050
chr13	9366950	9367050	1065-Lng-B-T	57	chr13:9366950-9367050
chr13	9398750	9398850	1065-Lng-A-T	58	chr13:9398750-9398850
chr13	9490850	9490950	1004-Lng-A-T	521	chr13:9490850-9490950
chr13	9509050	9509150	1151-Lng-A-T	129	chr13:9509050-9509150
chr13	9630750	9630850	901-Lng-C-T	45	chr13:9630750-9630850
chr13	9691150	9691250	901-Lng-A-T	679	chr13:9691150-9691250
chr13	9704450	9704550	1072-Lng-A-T	63	chr13:9704450-9704550
chr13	9710550	9710650	1188-Lng-A-T	34	chr13:9710550-9710650
chr13	9719950	9720050	1274-Lng-A-T	74	chr13:9719950-9720050
chr13	9749550	9749650	901-Lng-C-T	908	chr13:9749550-9749650
chr13	10138550	10138650	1065-Lng-C-T	81	chr13:10138550-10138650
chr13	10217050	10217150	1065-Lng-A-T	43	chr13:10217050-10217150
chr13	10223350	10223450	901-Lng-B-T	136	chr13:10223350-10223450
chr13	10263050	10263150	1152-Lng-A-T	35	chr13:10263050-10263150
chr13	10354150	10354250	1188-Lng-A-T	73	chr13:10354150-10354250
chr13	10458150	10458250	1152-Lng-A-T	84	chr13:10458150-10458250
chr13	10478050	10478150	1152-Lng-A-T	112	chr13:10478050-10478150
chr13	10493250	10493350	1090-Lng-A-T	72	chr13:10493250-10493350
chr13	10572950	10573050	1223-Lng-B-T	164	chr13:10572950-10573050
chr13	10579250	10579350	1004-Lng-A-T	59	chr13:10579250-10579350
chr13	10650250	10650350	1188-Lng-A-T	38	chr13:10650250-10650350
chr13	10797150	10797250	1274-Lng-A-T	64	chr13:10797150-10797250
chr13	10874750	10874850	1004-Lng-A-T	870	chr13:10874750-10874850
chr13	11911350	11911450	1090-Lng-A-T	63	chr13:11911350-11911450
chr13	11911650	11911750	846-Lng-A-T	72	chr13:11911650-11911750
chr13	12065650	12065750	1100-Lng-A-T	63	chr13:12065650-12065750
chr13	12161350	12161450	1274-Lng-A-T	66	chr13:12161350-12161450
chr13	12391250	12391350	901-Lng-A-T	109	chr13:12391250-12391350
chr13	12531950	12532050	1188-Lng-A-T	225	chr13:12531950-12532050
chr13	12647350	12647450	901-Lng-C-T	44	chr13:12647350-12647450
chr13	12696750	12696850	901-Lng-C-T	48	chr13:12696750-12696850
chr13	12698650	12698750	901-Lng-D-T	145	chr13:12698650-12698750
chr13	12864050	12864150	1152-Lng-A-T	103	chr13:12864050-12864150
chr13	12905450	12905550	1152-Lng-A-T	87	chr13:12905450-12905550
chr13	12905450	12905550	1065-Lng-A-T	80	chr13:12905450-12905550
chr13	12913150	12913250	1065-Lng-C-T	138	chr13:12913150-12913250

Table S2: SB Insertion regions

chr13	12965750	12965850	901-Lng-C-T	65	chr13:12965750-12965850
chr13	13241850	13241950	1065-Lng-A-T	63	chr13:13241850-13241950
chr13	13460750	13460850	1223-Lng-C-T	45	chr13:13460750-13460850
chr13	13693850	13693950	1151-Lng-A-T	90	chr13:13693850-13693950
chr13	13801450	13801550	1065-Lng-B-T	54	chr13:13801450-13801550
chr13	13821550	13821650	1072-Lng-A-T	156	chr13:13821550-13821650
chr13	14060050	14060150	1151-Lng-A-T	292	chr13:14060050-14060150
chr13	14071850	14071950	1223-Lng-C-T	121	chr13:14071850-14071950
chr13	14100250	14100350	1090-Lng-A-T	68	chr13:14100250-14100350
chr13	14103650	14103750	1072-Lng-A-T	458	chr13:14103650-14103750
chr13	14104350	14104450	1072-Lng-A-T	73	chr13:14104350-14104450
chr13	14106750	14106850	1090-Lng-A-T	58	chr13:14106750-14106850
chr13	14144750	14144850	1065-Lng-C-T	86	chr13:14144750-14144850
chr13	14160150	14160250	1188-Lng-A-T	46	chr13:14160150-14160250
chr13	14205050	14205150	1065-Lng-B-T	42	chr13:14205050-14205150
chr13	14216450	14216550	901-Lng-D-T	37	chr13:14216450-14216550
chr13	14255350	14255450	1167-Lng-A-T	98	chr13:14255350-14255450
chr13	14267150	14267250	1100-Lng-A-T	69	chr13:14267150-14267250
chr13	14273150	14273250	901-Lng-B-T	241	chr13:14273150-14273250
chr13	14317950	14318050	1065-Lng-B-T	55	chr13:14317950-14318050
chr13	14341950	14342050	901-Lng-A-T	97	chr13:14341950-14342050
chr13	14711950	14712050	1100-Lng-A-T	153	chr13:14711950-14712050
chr13	14732450	14732550	1188-Lng-A-T	130	chr13:14732450-14732550
chr13	15478850	15478950	901-Lng-B-T	74	chr13:15478850-15478950
chr13	15504850	15504950	1065-Lng-B-T	44	chr13:15504850-15504950
chr13	15546850	15546950	901-Lng-B-T	146	chr13:15546850-15546950
chr13	15582450	15582550	1188-Lng-A-T	64	chr13:15582450-15582550
chr13	15592450	15592550	1090-Lng-A-T	74	chr13:15592450-15592550
chr13	15771250	15771350	901-Lng-C-T	32	chr13:15771250-15771350
chr13	15790050	15790150	901-Lng-A-T	61	chr13:15790050-15790150
chr13	15882350	15882450	1223-Lng-B-T	256	chr13:15882350-15882450
chr13	16033650	16033750	1004-Lng-A-T	66	chr13:16033650-16033750
chr13	16204050	16204150	1065-Lng-B-T	61	chr13:16204050-16204150
chr13	16271350	16271450	1152-Lng-A-T	57	chr13:16271350-16271450
chr13	16395850	16395950	901-Lng-A-T	105	chr13:16395850-16395950
chr13	16512250	16512350	1065-Lng-A-T	45	chr13:16512250-16512350
chr13	16667250	16667350	1274-Lng-A-T	63	chr13:16667250-16667350
chr13	16669450	16669550	1223-Lng-A-T	166	chr13:16669450-16669550
chr13	16672050	16672150	1188-Lng-A-T	35	chr13:16672050-16672150
chr13	16719650	16719750	1065-Lng-A-T	59	chr13:16719650-16719750
chr13	16743150	16743250	1004-Lng-A-T	901	chr13:16743150-16743250
chr13	16938050	16938150	1004-Lng-A-T	105	chr13:16938050-16938150
chr13	16969450	16969550	1223-Lng-B-T	144	chr13:16969450-16969550
chr13	17053250	17053350	1151-Lng-A-T	346	chr13:17053250-17053350
chr13	17206450	17206550	901-Lng-B-T	87	chr13:17206450-17206550
chr13	17348750	17348850	901-Lng-A-T	51	chr13:17348750-17348850

Table S2: SB Insertion regions

chr13	17428350	17428450	846-Lng-A-T	874	chr13:17428350-17428450
chr13	17587550	17587650	901-Lng-C-T	56	chr13:17587550-17587650
chr13	17600350	17600450	1090-Lng-A-T	68	chr13:17600350-17600450
chr13	17639950	17640050	1223-Lng-B-T	317	chr13:17639950-17640050
chr13	17785550	17785650	1004-Lng-A-T	72	chr13:17785550-17785650
chr13	17794650	17794750	1090-Lng-A-T	80	chr13:17794650-17794750
chr13	17806550	17806650	901-Lng-A-T	50	chr13:17806550-17806650
chr13	17807050	17807150	901-Lng-D-T	314	chr13:17807050-17807150
chr13	17826750	17826850	1151-Lng-A-T	162	chr13:17826750-17826850
chr13	17832050	17832150	1223-Lng-C-T	919	chr13:17832050-17832150
chr13	17843050	17843150	1065-Lng-A-T	103	chr13:17843050-17843150
chr13	17855250	17855350	1223-Lng-B-T	61	chr13:17855250-17855350
chr13	17857150	17857250	1100-Lng-A-T	99	chr13:17857150-17857250
chr13	17870250	17870350	1065-Lng-C-T	109	chr13:17870250-17870350
chr13	17880450	17880550	1065-Lng-C-T	67	chr13:17880450-17880550
chr13	17884550	17884650	1152-Lng-A-T	94	chr13:17884550-17884650
chr13	17884550	17884650	1152-Lng-A-T	54	chr13:17884550-17884650
chr13	17969450	17969550	1072-Lng-A-T	173	chr13:17969450-17969550
chr13	17994150	17994250	1274-Lng-A-T	63	chr13:17994150-17994250
chr13	18019350	18019450	1223-Lng-C-T	51	chr13:18019350-18019450
chr13	18019750	18019850	1100-Lng-A-T	54	chr13:18019750-18019850
chr13	18021650	18021750	1065-Lng-B-T	58	chr13:18021650-18021750
chr13	18200150	18200250	1065-Lng-A-T	482	chr13:18200150-18200250
chr13	18448850	18448950	1065-Lng-B-T	81	chr13:18448850-18448950
chr13	18502450	18502550	1004-Lng-A-T	182	chr13:18502450-18502550
chr13	18513350	18513450	1065-Lng-C-T	75	chr13:18513350-18513450
chr13	18574350	18574450	1065-Lng-A-T	54	chr13:18574350-18574450
chr13	18678150	18678250	1065-Lng-B-T	61	chr13:18678150-18678250
chr13	18700950	18701050	1065-Lng-A-T	60	chr13:18700950-18701050
chr13	18821750	18821850	1223-Lng-B-T	146	chr13:18821750-18821850
chr13	18834650	18834750	901-Lng-C-T	47	chr13:18834650-18834750
chr13	18881750	18881850	1223-Lng-B-T	143	chr13:18881750-18881850
chr13	18887750	18887850	1004-Lng-A-T	73	chr13:18887750-18887850
chr13	18905150	18905250	1274-Lng-A-T	109	chr13:18905150-18905250
chr13	18973950	18974050	1223-Lng-C-T	52	chr13:18973950-18974050
chr13	18999950	19000050	1152-Lng-A-T	45	chr13:18999950-19000050
chr13	19723250	19723350	1065-Lng-A-T	68	chr13:19723250-19723350
chr13	19752650	19752750	901-Lng-A-T	78	chr13:19752650-19752750
chr13	19994150	19994250	1065-Lng-A-T	83	chr13:19994150-19994250
chr13	20083650	20083750	1223-Lng-A-T	88	chr13:20083650-20083750
chr13	20362550	20362650	1188-Lng-A-T	64	chr13:20362550-20362650
chr13	20482050	20482150	1065-Lng-B-T	40	chr13:20482050-20482150
chr13	20817650	20817750	1065-Lng-B-T	68	chr13:20817650-20817750
chr13	20894350	20894450	1065-Lng-B-T	86	chr13:20894350-20894450
chr13	20907850	20907950	1065-Lng-C-T	117	chr13:20907850-20907950
chr13	21010150	21010250	901-Lng-D-T	61	chr13:21010150-21010250

Table S2: SB Insertion regions

chr13	21144650	21144750	901-Lng-D-T	56	chr13:21144650-21144750
chr13	21278150	21278250	1065-Lng-A-T	45	chr13:21278150-21278250
chr13	21758650	21758750	901-Lng-B-T	170	chr13:21758650-21758750
chr13	22266950	22267050	1072-Lng-A-T	135	chr13:22266950-22267050
chr13	22504150	22504250	846-Lng-A-T	129	chr13:22504150-22504250
chr13	22534650	22534750	1065-Lng-B-T	67	chr13:22534650-22534750
chr13	22618150	22618250	1151-Lng-A-T	477	chr13:22618150-22618250
chr13	22781950	22782050	1072-Lng-A-T	51	chr13:22781950-22782050
chr13	23160950	23161050	846-Lng-A-T	134	chr13:23160950-23161050
chr13	23175950	23176050	1065-Lng-B-T	64	chr13:23175950-23176050
chr13	23254950	23255050	1065-Lng-B-T	54	chr13:23254950-23255050
chr13	23447550	23447650	1065-Lng-B-T	79	chr13:23447550-23447650
chr13	23451450	23451550	1223-Lng-D-T	61	chr13:23451450-23451550
chr13	23592050	23592150	846-Lng-A-T	99	chr13:23592050-23592150
chr13	23720750	23720850	901-Lng-B-T	149	chr13:23720750-23720850
chr13	24022150	24022250	1065-Lng-A-T	65	chr13:24022150-24022250
chr13	24105950	24106050	1223-Lng-A-T	957	chr13:24105950-24106050
chr13	24170350	24170450	846-Lng-A-T	129	chr13:24170350-24170450
chr13	24203350	24203450	1004-Lng-A-T	322	chr13:24203350-24203450
chr13	24221250	24221350	1274-Lng-A-T	54	chr13:24221250-24221350
chr13	24249750	24249850	1223-Lng-A-T	66	chr13:24249750-24249850
chr13	24282050	24282150	1004-Lng-A-T	74	chr13:24282050-24282150
chr13	24324650	24324750	846-Lng-A-T	117	chr13:24324650-24324750
chr13	24342750	24342850	901-Lng-D-T	75	chr13:24342750-24342850
chr13	24659650	24659750	1065-Lng-A-T	49	chr13:24659650-24659750
chr13	24733250	24733350	901-Lng-D-T	103	chr13:24733250-24733350
chr13	24839750	24839850	846-Lng-A-T	1801	chr13:24839750-24839850
chr13	24901650	24901750	1100-Lng-A-T	55	chr13:24901650-24901750
chr13	24920950	24921050	1100-Lng-A-T	111	chr13:24920950-24921050
chr13	25016850	25016950	901-Lng-A-T	272	chr13:25016850-25016950
chr13	25093950	25094050	1072-Lng-A-T	156	chr13:25093950-25094050
chr13	25542050	25542150	846-Lng-A-T	42	chr13:25542050-25542150
chr13	25588750	25588850	1151-Lng-A-T	64	chr13:25588750-25588850
chr13	25809450	25809550	1152-Lng-A-T	219	chr13:25809450-25809550
chr13	25847350	25847450	1274-Lng-A-T	54	chr13:25847350-25847450
chr13	26016550	26016650	1004-Lng-A-T	78	chr13:26016550-26016650
chr13	26080650	26080750	901-Lng-C-T	69	chr13:26080650-26080750
chr13	26148250	26148350	901-Lng-C-T	35	chr13:26148250-26148350
chr13	26345250	26345350	1065-Lng-A-T	90	chr13:26345250-26345350
chr13	26359750	26359850	901-Lng-B-T	156	chr13:26359750-26359850
chr13	26363050	26363150	901-Lng-A-T	67	chr13:26363050-26363150
chr13	26391250	26391350	1065-Lng-B-T	44	chr13:26391250-26391350
chr13	26415050	26415150	1152-Lng-A-T	257	chr13:26415050-26415150
chr13	26478950	26479050	1223-Lng-C-T	45	chr13:26478950-26479050
chr13	26681550	26681650	1004-Lng-A-T	78	chr13:26681550-26681650
chr13	26869150	26869250	1100-Lng-A-T	145	chr13:26869150-26869250

Table S2: SB Insertion regions

chr13	26904150	26904250	1004-Lng-A-T	53	chr13:26904150-26904250
chr13	26943850	26943950	1065-Lng-A-T	41	chr13:26943850-26943950
chr13	27130850	27130950	1004-Lng-A-T	66	chr13:27130850-27130950
chr13	27546350	27546450	1004-Lng-A-T	82	chr13:27546350-27546450
chr13	27865950	27866050	1065-Lng-B-T	42	chr13:27865950-27866050
chr13	28049450	28049550	1065-Lng-C-T	79	chr13:28049450-28049550
chr13	28153450	28153550	1152-Lng-A-T	57	chr13:28153450-28153550
chr13	28343450	28343550	1090-Lng-A-T	1342	chr13:28343450-28343550
chr13	28437850	28437950	901-Lng-C-T	79	chr13:28437850-28437950
chr13	28446550	28446650	1004-Lng-A-T	90	chr13:28446550-28446650
chr13	29152550	29152650	1100-Lng-A-T	95	chr13:29152550-29152650
chr13	29239750	29239850	1090-Lng-A-T	66	chr13:29239750-29239850
chr13	29414250	29414350	1223-Lng-B-T	159	chr13:29414250-29414350
chr13	29477850	29477950	1223-Lng-D-T	41	chr13:29477850-29477950
chr13	29498750	29498850	1090-Lng-B-T	665	chr13:29498750-29498850
chr13	29535650	29535750	901-Lng-C-T	41	chr13:29535650-29535750
chr13	29665450	29665550	1065-Lng-A-T	53	chr13:29665450-29665550
chr13	29716150	29716250	1090-Lng-B-T	508	chr13:29716150-29716250
chr13	29727350	29727450	1065-Lng-B-T	52	chr13:29727350-29727450
chr13	29736350	29736450	846-Lng-A-T	77	chr13:29736350-29736450
chr13	29826350	29826450	1274-Lng-A-T	105	chr13:29826350-29826450
chr13	29835750	29835850	1090-Lng-A-T	68	chr13:29835750-29835850
chr13	29893050	29893150	901-Lng-A-T	134	chr13:29893050-29893150
chr13	29898650	29898750	1151-Lng-A-T	58	chr13:29898650-29898750
chr13	29928350	29928450	1167-Lng-A-T	108	chr13:29928350-29928450
chr13	29943550	29943650	1004-Lng-A-T	298	chr13:29943550-29943650
chr13	30016750	30016850	1065-Lng-B-T	63	chr13:30016750-30016850
chr13	30031350	30031450	1223-Lng-D-T	44	chr13:30031350-30031450
chr13	30247550	30247650	1065-Lng-B-T	45	chr13:30247550-30247650
chr13	30295150	30295250	846-Lng-A-T	76	chr13:30295150-30295250
chr13	30309350	30309450	901-Lng-B-T	124	chr13:30309350-30309450
chr13	30434650	30434750	1152-Lng-A-T	41	chr13:30434650-30434750
chr13	30452850	30452950	1151-Lng-A-T	69	chr13:30452850-30452950
chr13	30506350	30506450	901-Lng-D-T	87	chr13:30506350-30506450
chr13	30535050	30535150	1100-Lng-A-T	51	chr13:30535050-30535150
chr13	30630150	30630250	1223-Lng-B-T	34	chr13:30630150-30630250
chr13	30745950	30746050	1004-Lng-A-T	71	chr13:30745950-30746050
chr13	30958250	30958350	846-Lng-A-T	176	chr13:30958250-30958350
chr13	30960450	30960550	1090-Lng-B-T	100	chr13:30960450-30960550
chr13	31003650	31003750	846-Lng-A-T	89	chr13:31003650-31003750
chr13	31007750	31007850	1004-Lng-A-T	91	chr13:31007750-31007850
chr13	31037450	31037550	1065-Lng-A-T	70	chr13:31037450-31037550
chr13	31037650	31037750	1065-Lng-B-T	42	chr13:31037650-31037750
chr13	31054850	31054950	1223-Lng-D-T	52	chr13:31054850-31054950
chr13	31503050	31503150	1004-Lng-A-T	76	chr13:31503050-31503150
chr13	31719050	31719150	1167-Lng-A-T	93	chr13:31719050-31719150

Table S2: SB Insertion regions

chr13	31719050	31719150	1223-Lng-C-T	225	chr13:31719050-31719150
chr13	31719050	31719150	1100-Lng-A-T	57	chr13:31719050-31719150
chr13	31719050	31719150	1100-Lng-B-T	94	chr13:31719050-31719150
chr13	31719050	31719150	1151-Lng-A-T	220	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-D-T	238	chr13:31719050-31719150
chr13	31719050	31719150	1090-Lng-B-T	720	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-A-T	727	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-B-T	75	chr13:31719050-31719150
chr13	31719050	31719150	1152-Lng-A-T	503	chr13:31719050-31719150
chr13	31719050	31719150	901-Lng-D-T	321	chr13:31719050-31719150
chr13	31719050	31719150	1274-Lng-A-T	457	chr13:31719050-31719150
chr13	31719050	31719150	1100-Lng-A-T	993	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-C-T	67	chr13:31719050-31719150
chr13	31719050	31719150	901-Lng-C-T	106	chr13:31719050-31719150
chr13	31719050	31719150	1090-Lng-B-T	645	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-D-T	51	chr13:31719050-31719150
chr13	31719050	31719150	1223-Lng-B-T	60	chr13:31719050-31719150
chr13	31719050	31719150	1090-Lng-A-T	985	chr13:31719050-31719150
chr13	31719150	31719250	1223-Lng-C-T	173	chr13:31719150-31719250
chr13	31719150	31719250	1100-Lng-A-T	145	chr13:31719150-31719250
chr13	31719150	31719250	1090-Lng-B-T	547	chr13:31719150-31719250
chr13	31719150	31719250	1223-Lng-B-T	110	chr13:31719150-31719250
chr13	31719150	31719250	1090-Lng-A-T	1155	chr13:31719150-31719250
chr13	31719150	31719250	1167-Lng-A-T	144	chr13:31719150-31719250
chr13	31719150	31719250	1223-Lng-C-T	60	chr13:31719150-31719250
chr13	31719150	31719250	1151-Lng-A-T	154	chr13:31719150-31719250
chr13	31719150	31719250	1223-Lng-D-T	144	chr13:31719150-31719250
chr13	31719150	31719250	1223-Lng-B-T	295	chr13:31719150-31719250
chr13	31719150	31719250	1152-Lng-A-T	280	chr13:31719150-31719250
chr13	31825850	31825950	1065-Lng-B-T	77	chr13:31825850-31825950
chr13	32074950	32075050	901-Lng-C-T	71	chr13:32074950-32075050
chr13	32099350	32099450	1065-Lng-A-T	37	chr13:32099350-32099450
chr13	32110550	32110650	901-Lng-A-T	153	chr13:32110550-32110650
chr13	32125550	32125650	1065-Lng-B-T	65	chr13:32125550-32125650
chr13	32330450	32330550	1274-Lng-A-T	79	chr13:32330450-32330550
chr13	32648750	32648850	901-Lng-B-T	233	chr13:32648750-32648850
chr13	32864750	32864850	1065-Lng-A-T	44	chr13:32864750-32864850
chr13	33031150	33031250	901-Lng-C-T	51	chr13:33031150-33031250
chr13	33059350	33059450	1004-Lng-A-T	77	chr13:33059350-33059450
chr13	33067750	33067850	1167-Lng-A-T	69	chr13:33067750-33067850
chr13	33071650	33071750	1065-Lng-B-T	44	chr13:33071650-33071750
chr13	33098550	33098650	846-Lng-A-T	150	chr13:33098550-33098650
chr13	33346250	33346350	1004-Lng-A-T	60	chr13:33346250-33346350
chr13	34024250	34024350	1167-Lng-A-T	90	chr13:34024250-34024350
chr13	34029350	34029450	1004-Lng-A-T	94	chr13:34029350-34029450
chr13	34061650	34061750	1151-Lng-A-T	476	chr13:34061650-34061750

Table S2: SB Insertion regions

chr13	34062450	34062550	1151-Lng-A-T	9860	chr13:34062450-34062550
chr13	34072050	34072150	1223-Lng-A-T	125	chr13:34072050-34072150
chr13	34133450	34133550	901-Lng-C-T	38	chr13:34133450-34133550
chr13	34149950	34150050	1274-Lng-A-T	62	chr13:34149950-34150050
chr13	34299950	34300050	901-Lng-B-T	117	chr13:34299950-34300050
chr13	34373150	34373250	846-Lng-A-T	165	chr13:34373150-34373250
chr13	34381350	34381450	1100-Lng-A-T	69	chr13:34381350-34381450
chr13	34411750	34411850	901-Lng-A-T	180	chr13:34411750-34411850
chr13	34415550	34415650	901-Lng-B-T	131	chr13:34415550-34415650
chr13	34475450	34475550	1274-Lng-A-T	141	chr13:34475450-34475550
chr13	34536550	34536650	1223-Lng-C-T	50	chr13:34536550-34536650
chr13	34646050	34646150	1223-Lng-B-T	80	chr13:34646050-34646150
chr13	34800850	34800950	1100-Lng-A-T	103	chr13:34800850-34800950
chr13	34977850	34977950	1090-Lng-A-T	47	chr13:34977850-34977950
chr13	35495150	35495250	1223-Lng-C-T	56	chr13:35495150-35495250
chr13	35572950	35573050	1152-Lng-A-T	44	chr13:35572950-35573050
chr13	35828050	35828150	1065-Lng-C-T	366	chr13:35828050-35828150
chr13	35835350	35835450	901-Lng-C-T	64	chr13:35835350-35835450
chr13	35843650	35843750	1151-Lng-A-T	55	chr13:35843650-35843750
chr13	35941450	35941550	1065-Lng-B-T	66	chr13:35941450-35941550
chr13	35973450	35973550	1090-Lng-A-T	126	chr13:35973450-35973550
chr13	35982450	35982550	1065-Lng-C-T	69	chr13:35982450-35982550
chr13	36106350	36106450	901-Lng-D-T	144	chr13:36106350-36106450
chr13	36108650	36108750	901-Lng-D-T	168	chr13:36108650-36108750
chr13	36119150	36119250	1223-Lng-C-T	43	chr13:36119150-36119250
chr13	36193250	36193350	901-Lng-D-T	287	chr13:36193250-36193350
chr13	36208450	36208550	901-Lng-A-T	171	chr13:36208450-36208550
chr13	36290750	36290850	1152-Lng-A-T	43	chr13:36290750-36290850
chr13	36311450	36311550	1152-Lng-A-T	133	chr13:36311450-36311550
chr13	36339150	36339250	1274-Lng-A-T	61	chr13:36339150-36339250
chr13	36395150	36395250	1223-Lng-A-T	1037	chr13:36395150-36395250
chr13	36532750	36532850	1090-Lng-A-T	94	chr13:36532750-36532850
chr13	36558250	36558350	1072-Lng-A-T	85	chr13:36558250-36558350
chr13	36585050	36585150	901-Lng-C-T	54	chr13:36585050-36585150
chr13	36737150	36737250	1188-Lng-A-T	214	chr13:36737150-36737250
chr13	36746050	36746150	1100-Lng-A-T	64	chr13:36746050-36746150
chr13	36773150	36773250	1090-Lng-B-T	362	chr13:36773150-36773250
chr13	36788850	36788950	1065-Lng-B-T	49	chr13:36788850-36788950
chr13	36950850	36950950	1223-Lng-A-T	117	chr13:36950850-36950950
chr13	37056850	37056950	1188-Lng-A-T	240	chr13:37056850-37056950
chr13	37106750	37106850	901-Lng-C-T	37	chr13:37106750-37106850
chr13	37155050	37155150	1090-Lng-B-T	228	chr13:37155050-37155150
chr13	37170350	37170450	1151-Lng-A-T	61	chr13:37170350-37170450
chr13	37215650	37215750	1274-Lng-A-T	53	chr13:37215650-37215750
chr13	37244750	37244850	1223-Lng-B-T	52	chr13:37244750-37244850
chr13	37334750	37334850	1167-Lng-A-T	74	chr13:37334750-37334850

Table S2: SB Insertion regions

chr13	37519050	37519150	1090-Lng-A-T	45	chr13:37519050-37519150
chr13	37578450	37578550	1065-Lng-B-T	48	chr13:37578450-37578550
chr13	37691250	37691350	1065-Lng-C-T	71	chr13:37691250-37691350
chr13	37934150	37934250	901-Lng-C-T	86	chr13:37934150-37934250
chr13	37953650	37953750	1065-Lng-C-T	71	chr13:37953650-37953750
chr13	38067950	38068050	1004-Lng-A-T	566	chr13:38067950-38068050
chr13	38247150	38247250	1004-Lng-A-T	115	chr13:38247150-38247250
chr13	38305450	38305550	1167-Lng-A-T	58	chr13:38305450-38305550
chr13	38365150	38365250	1223-Lng-C-T	43	chr13:38365150-38365250
chr13	38373250	38373350	1065-Lng-A-T	94	chr13:38373250-38373350
chr13	38595750	38595850	846-Lng-A-T	135	chr13:38595750-38595850
chr13	38712050	38712150	1004-Lng-A-T	52	chr13:38712050-38712150
chr13	38751850	38751950	1065-Lng-A-T	38	chr13:38751850-38751950
chr13	38944650	38944750	1065-Lng-A-T	88	chr13:38944650-38944750
chr13	39020250	39020350	1004-Lng-A-T	116	chr13:39020250-39020350
chr13	39048850	39048950	1072-Lng-A-T	154	chr13:39048850-39048950
chr13	39254250	39254350	1223-Lng-C-T	47	chr13:39254250-39254350
chr13	39322650	39322750	1065-Lng-B-T	46	chr13:39322650-39322750
chr13	39507950	39508050	1152-Lng-A-T	217	chr13:39507950-39508050
chr13	39545950	39546050	901-Lng-D-T	117	chr13:39545950-39546050
chr13	39716150	39716250	1100-Lng-A-T	100	chr13:39716150-39716250
chr13	39926350	39926450	1152-Lng-A-T	252	chr13:39926350-39926450
chr13	40018950	40019050	1065-Lng-C-T	128	chr13:40018950-40019050
chr13	40177550	40177650	1065-Lng-A-T	87	chr13:40177550-40177650
chr13	40202650	40202750	901-Lng-A-T	133	chr13:40202650-40202750
chr13	40353250	40353350	846-Lng-A-T	429	chr13:40353250-40353350
chr13	40403150	40403250	1223-Lng-C-T	57	chr13:40403150-40403250
chr13	40431750	40431850	1065-Lng-B-T	43	chr13:40431750-40431850
chr13	40459850	40459950	1274-Lng-A-T	89	chr13:40459850-40459950
chr13	40805350	40805450	1152-Lng-A-T	62	chr13:40805350-40805450
chr13	41084350	41084450	1223-Lng-C-T	44	chr13:41084350-41084450
chr13	41302550	41302650	901-Lng-A-T	77	chr13:41302550-41302650
chr13	41446450	41446550	901-Lng-A-T	58	chr13:41446450-41446550
chr13	41463150	41463250	1065-Lng-B-T	121	chr13:41463150-41463250
chr13	41585550	41585650	1065-Lng-C-T	69	chr13:41585550-41585650
chr13	41719750	41719850	1065-Lng-B-T	52	chr13:41719750-41719850
chr13	41732250	41732350	901-Lng-B-T	55	chr13:41732250-41732350
chr13	42126150	42126250	1065-Lng-A-T	53	chr13:42126150-42126250
chr13	42194150	42194250	1167-Lng-A-T	138	chr13:42194150-42194250
chr13	42337350	42337450	1100-Lng-A-T	145	chr13:42337350-42337450
chr13	42418650	42418750	901-Lng-A-T	75	chr13:42418650-42418750
chr13	42432050	42432150	1065-Lng-B-T	65	chr13:42432050-42432150
chr13	42557250	42557350	846-Lng-A-T	115	chr13:42557250-42557350
chr13	42580250	42580350	1004-Lng-A-T	106	chr13:42580250-42580350
chr13	42603450	42603550	1188-Lng-A-T	37	chr13:42603450-42603550
chr13	42657350	42657450	1274-Lng-A-T	117	chr13:42657350-42657450

Table S2: SB Insertion regions

chr13	42959550	42959650	1188-Lng-A-T	42	chr13:42959550-42959650
chr13	43159750	43159850	1274-Lng-A-T	160	chr13:43159750-43159850
chr13	43246250	43246350	1151-Lng-A-T	91	chr13:43246250-43246350
chr13	43404350	43404450	1090-Lng-B-T	116	chr13:43404350-43404450
chr13	43498850	43498950	1223-Lng-B-T	278	chr13:43498850-43498950
chr13	43501350	43501450	1100-Lng-A-T	77	chr13:43501350-43501450
chr13	43512450	43512550	1065-Lng-C-T	151	chr13:43512450-43512550
chr13	43514850	43514950	1090-Lng-A-T	67	chr13:43514850-43514950
chr13	43526450	43526550	901-Lng-C-T	31	chr13:43526450-43526550
chr13	43527650	43527750	1065-Lng-B-T	220	chr13:43527650-43527750
chr13	44145350	44145450	1065-Lng-B-T	66	chr13:44145350-44145450
chr13	44473850	44473950	1065-Lng-C-T	62	chr13:44473850-44473950
chr13	44698150	44698250	1072-Lng-A-T	61	chr13:44698150-44698250
chr13	44841750	44841850	846-Lng-A-T	212	chr13:44841750-44841850
chr13	44866450	44866550	1223-Lng-B-T	271	chr13:44866450-44866550
chr13	44867350	44867450	1274-Lng-A-T	89	chr13:44867350-44867450
chr13	44884350	44884450	1274-Lng-A-T	71	chr13:44884350-44884450
chr13	44914450	44914550	1167-Lng-A-T	114	chr13:44914450-44914550
chr13	44995550	44995650	1090-Lng-A-T	57	chr13:44995550-44995650
chr13	45026450	45026550	1188-Lng-A-T	7766	chr13:45026450-45026550
chr13	45066150	45066250	901-Lng-A-T	52	chr13:45066150-45066250
chr13	45462150	45462250	1065-Lng-A-T	49	chr13:45462150-45462250
chr13	45668150	45668250	1167-Lng-A-T	96	chr13:45668150-45668250
chr13	45753250	45753350	1274-Lng-A-T	119	chr13:45753250-45753350
chr13	45781150	45781250	1151-Lng-A-T	306	chr13:45781150-45781250
chr13	45827850	45827950	1188-Lng-A-T	68	chr13:45827850-45827950
chr13	45837850	45837950	1167-Lng-A-T	172	chr13:45837850-45837950
chr13	45847350	45847450	1100-Lng-A-T	54	chr13:45847350-45847450
chr13	45889150	45889250	1274-Lng-A-T	83	chr13:45889150-45889250
chr13	45908050	45908150	1152-Lng-A-T	115	chr13:45908050-45908150
chr13	45962250	45962350	901-Lng-C-T	61	chr13:45962250-45962350
chr13	45963750	45963850	1065-Lng-C-T	84	chr13:45963750-45963850
chr13	46028750	46028850	1100-Lng-A-T	53	chr13:46028750-46028850
chr13	46292650	46292750	1004-Lng-A-T	112	chr13:46292650-46292750
chr13	46724550	46724650	1223-Lng-B-T	117	chr13:46724550-46724650
chr13	46800650	46800750	846-Lng-A-T	96	chr13:46800650-46800750
chr13	46875350	46875450	1065-Lng-B-T	72	chr13:46875350-46875450
chr13	46880050	46880150	901-Lng-D-T	162	chr13:46880050-46880150
chr13	46955650	46955750	1065-Lng-A-T	46	chr13:46955650-46955750
chr13	46982550	46982650	1223-Lng-B-T	40	chr13:46982550-46982650
chr13	46997850	46997950	1065-Lng-B-T	61	chr13:46997850-46997950
chr13	47066050	47066150	1065-Lng-B-T	48	chr13:47066050-47066150
chr13	47179350	47179450	901-Lng-D-T	238	chr13:47179350-47179450
chr13	47285450	47285550	1188-Lng-A-T	122	chr13:47285450-47285550
chr13	47318250	47318350	901-Lng-C-T	34	chr13:47318250-47318350
chr13	47756450	47756550	1152-Lng-A-T	232	chr13:47756450-47756550

Table S2: SB Insertion regions

chr13	47819950	47820050	1072-Lng-A-T	78	chr13:47819950-47820050
chr13	47880550	47880650	1274-Lng-A-T	233	chr13:47880550-47880650
chr13	47883850	47883950	1167-Lng-A-T	56	chr13:47883850-47883950
chr13	48013150	48013250	901-Lng-B-T	111	chr13:48013150-48013250
chr13	48134350	48134450	1151-Lng-A-T	56	chr13:48134350-48134450
chr13	48627850	48627950	1090-Lng-A-T	50	chr13:48627850-48627950
chr13	48628750	48628850	1223-Lng-D-T	43	chr13:48628750-48628850
chr13	48634050	48634150	1100-Lng-A-T	78	chr13:48634050-48634150
chr13	48635650	48635750	1167-Lng-A-T	96	chr13:48635650-48635750
chr13	48730750	48730850	1072-Lng-A-T	51	chr13:48730750-48730850
chr13	48934250	48934350	1152-Lng-A-T	473	chr13:48934250-48934350
chr13	48939450	48939550	1151-Lng-A-T	67	chr13:48939450-48939550
chr13	48952050	48952150	1065-Lng-B-T	76	chr13:48952050-48952150
chr13	48958450	48958550	1065-Lng-B-T	61	chr13:48958450-48958550
chr13	48980250	48980350	1274-Lng-A-T	170	chr13:48980250-48980350
chr13	48994450	48994550	1065-Lng-A-T	59	chr13:48994450-48994550
chr13	49006550	49006650	1065-Lng-A-T	72	chr13:49006550-49006650
chr13	49008850	49008950	1274-Lng-A-T	56	chr13:49008850-49008950
chr13	49012150	49012250	901-Lng-A-T	373	chr13:49012150-49012250
chr13	49015750	49015850	1065-Lng-A-T	65	chr13:49015750-49015850
chr13	49043350	49043450	1065-Lng-A-T	51	chr13:49043350-49043450
chr13	49048850	49048950	1072-Lng-A-T	129	chr13:49048850-49048950
chr13	49049750	49049850	901-Lng-A-T	261	chr13:49049750-49049850
chr13	49132350	49132450	1167-Lng-A-T	136	chr13:49132350-49132450
chr13	49378650	49378750	1065-Lng-B-T	61	chr13:49378650-49378750
chr13	49534550	49534650	1274-Lng-A-T	210	chr13:49534550-49534650
chr13	49550450	49550550	1151-Lng-A-T	72	chr13:49550450-49550550
chr13	49778350	49778450	1151-Lng-A-T	73	chr13:49778350-49778450
chr13	49956250	49956350	901-Lng-B-T	145	chr13:49956250-49956350
chr13	50684350	50684450	1090-Lng-B-T	361	chr13:50684350-50684450
chr13	51215850	51215950	1223-Lng-A-T	58	chr13:51215850-51215950
chr13	51239250	51239350	1223-Lng-A-T	174	chr13:51239250-51239350
chr13	51538850	51538950	1065-Lng-A-T	56	chr13:51538850-51538950
chr13	51792650	51792750	1065-Lng-A-T	69	chr13:51792650-51792750
chr13	51813450	51813550	1188-Lng-A-T	37	chr13:51813450-51813550
chr13	51950750	51950850	1223-Lng-A-T	78	chr13:51950750-51950850
chr13	51990250	51990350	1100-Lng-A-T	142	chr13:51990250-51990350
chr13	52023350	52023450	1152-Lng-A-T	67	chr13:52023350-52023450
chr13	52190750	52190850	1188-Lng-A-T	42	chr13:52190750-52190850
chr13	52284050	52284150	1072-Lng-A-T	50	chr13:52284050-52284150
chr13	52677750	52677850	901-Lng-C-T	34	chr13:52677750-52677850
chr13	52759050	52759150	901-Lng-B-T	181	chr13:52759050-52759150
chr13	52772050	52772150	901-Lng-B-T	192	chr13:52772050-52772150
chr13	52902850	52902950	1188-Lng-A-T	141	chr13:52902850-52902950
chr13	53009750	53009850	1223-Lng-B-T	38	chr13:53009750-53009850
chr13	53028250	53028350	1188-Lng-A-T	47	chr13:53028250-53028350

Table S2: SB Insertion regions

chr13	53058250	53058350	1065-Lng-A-T	44	chr13:53058250-53058350
chr13	53101450	53101550	1151-Lng-A-T	146	chr13:53101450-53101550
chr13	53315650	53315750	1167-Lng-A-T	82	chr13:53315650-53315750
chr13	53484450	53484550	1065-Lng-C-T	62	chr13:53484450-53484550
chr13	53657850	53657950	1065-Lng-A-T	42	chr13:53657850-53657950
chr13	53864150	53864250	901-Lng-B-T	59	chr13:53864150-53864250
chr13	53969850	53969950	1223-Lng-B-T	42	chr13:53969850-53969950
chr13	54074950	54075050	1065-Lng-C-T	72	chr13:54074950-54075050
chr13	54179250	54179350	1223-Lng-C-T	44	chr13:54179250-54179350
chr13	54189550	54189650	1065-Lng-A-T	41	chr13:54189550-54189650
chr13	54367750	54367850	1151-Lng-A-T	77	chr13:54367750-54367850
chr13	54399450	54399550	901-Lng-A-T	161	chr13:54399450-54399550
chr13	54650150	54650250	1223-Lng-C-T	60	chr13:54650150-54650250
chr13	54729250	54729350	1223-Lng-C-T	204	chr13:54729250-54729350
chr13	54746650	54746750	1223-Lng-A-T	126	chr13:54746650-54746750
chr13	54777650	54777750	901-Lng-C-T	71	chr13:54777650-54777750
chr13	54779350	54779450	1090-Lng-B-T	461	chr13:54779350-54779450
chr13	55147150	55147250	1004-Lng-A-T	337	chr13:55147150-55147250
chr13	55249250	55249350	1223-Lng-B-T	40	chr13:55249250-55249350
chr13	55326950	55327050	1152-Lng-A-T	481	chr13:55326950-55327050
chr13	55345350	55345450	1152-Lng-A-T	194	chr13:55345350-55345450
chr13	55356450	55356550	1152-Lng-A-T	118	chr13:55356450-55356550
chr13	55381150	55381250	1065-Lng-B-T	47	chr13:55381150-55381250
chr13	55404050	55404150	1100-Lng-A-T	111	chr13:55404050-55404150
chr13	55552750	55552850	1223-Lng-A-T	117	chr13:55552750-55552850
chr13	55676050	55676150	901-Lng-C-T	30	chr13:55676050-55676150
chr13	55709850	55709950	1004-Lng-A-T	65	chr13:55709850-55709950
chr13	55746350	55746450	1167-Lng-A-T	113	chr13:55746350-55746450
chr13	55769450	55769550	901-Lng-A-T	109	chr13:55769450-55769550
chr13	56072850	56072950	1065-Lng-A-T	197	chr13:56072850-56072950
chr13	56694650	56694750	1065-Lng-B-T	86	chr13:56694650-56694750
chr13	56750350	56750450	1072-Lng-A-T	48	chr13:56750350-56750450
chr13	56808750	56808850	901-Lng-A-T	94	chr13:56808750-56808850
chr13	56829250	56829350	1072-Lng-A-T	70	chr13:56829250-56829350
chr13	56870650	56870750	1274-Lng-A-T	74	chr13:56870650-56870750
chr13	56981650	56981750	901-Lng-C-T	56	chr13:56981650-56981750
chr13	57065450	57065550	1065-Lng-A-T	58	chr13:57065450-57065550
chr13	57183850	57183950	1004-Lng-A-T	52	chr13:57183850-57183950
chr13	57374150	57374250	1065-Lng-C-T	62	chr13:57374150-57374250
chr13	57400050	57400150	1274-Lng-A-T	65	chr13:57400050-57400150
chr13	57920550	57920650	1065-Lng-A-T	59	chr13:57920550-57920650
chr13	58182350	58182450	1223-Lng-C-T	47	chr13:58182350-58182450
chr13	58306150	58306250	1004-Lng-A-T	947	chr13:58306150-58306250
chr13	58347950	58348050	1223-Lng-D-T	56	chr13:58347950-58348050
chr13	58515150	58515250	1152-Lng-A-T	39	chr13:58515150-58515250
chr13	59274250	59274350	1090-Lng-A-T	72	chr13:59274250-59274350

Table S2: SB Insertion regions

chr13	59543950	59544050	1100-Lng-A-T	70	chr13:59543950-59544050
chr13	59775050	59775150	1100-Lng-A-T	133	chr13:59775050-59775150
chr13	59901950	59902050	1065-Lng-B-T	41	chr13:59901950-59902050
chr13	59919650	59919750	1004-Lng-A-T	57	chr13:59919650-59919750
chr13	60081550	60081650	1065-Lng-B-T	47	chr13:60081550-60081650
chr13	60405850	60405950	1090-Lng-A-T	57	chr13:60405850-60405950
chr13	60556350	60556450	1004-Lng-A-T	65	chr13:60556350-60556450
chr13	60570550	60570650	846-Lng-A-T	68	chr13:60570550-60570650
chr13	60714250	60714350	1100-Lng-A-T	61	chr13:60714250-60714350
chr13	60726450	60726550	1223-Lng-A-T	181	chr13:60726450-60726550
chr13	60740350	60740450	1004-Lng-A-T	411	chr13:60740350-60740450
chr13	60809750	60809850	1274-Lng-A-T	154	chr13:60809750-60809850
chr13	60849350	60849450	1152-Lng-A-T	97	chr13:60849350-60849450
chr13	60944450	60944550	846-Lng-A-T	130	chr13:60944450-60944550
chr13	61111750	61111850	1100-Lng-A-T	88	chr13:61111750-61111850
chr13	61176550	61176650	1004-Lng-A-T	154	chr13:61176550-61176650
chr13	61508950	61509050	1223-Lng-C-T	50	chr13:61508950-61509050
chr13	61648050	61648150	1065-Lng-B-T	53	chr13:61648050-61648150
chr13	61666850	61666950	1004-Lng-A-T	74	chr13:61666850-61666950
chr13	62281150	62281250	1152-Lng-A-T	86	chr13:62281150-62281250
chr13	62304150	62304250	1090-Lng-A-T	67	chr13:62304150-62304250
chr13	62320650	62320750	1223-Lng-A-T	124	chr13:62320650-62320750
chr13	62559050	62559150	1065-Lng-A-T	58	chr13:62559050-62559150
chr13	62688150	62688250	901-Lng-A-T	64	chr13:62688150-62688250
chr13	62939250	62939350	1152-Lng-A-T	48	chr13:62939250-62939350
chr13	63142850	63142950	901-Lng-D-T	47	chr13:63142850-63142950
chr13	63347450	63347550	901-Lng-C-T	166	chr13:63347450-63347550
chr13	63351650	63351750	901-Lng-A-T	89	chr13:63351650-63351750
chr13	63359850	63359950	1223-Lng-A-T	209	chr13:63359850-63359950
chr13	63375950	63376050	1100-Lng-A-T	65	chr13:63375950-63376050
chr13	63379950	63380050	1151-Lng-A-T	119	chr13:63379950-63380050
chr13	63418050	63418150	901-Lng-B-T	54	chr13:63418050-63418150
chr13	63446150	63446250	1004-Lng-A-T	105	chr13:63446150-63446250
chr13	63622850	63622950	1152-Lng-A-T	78	chr13:63622850-63622950
chr13	63651650	63651750	1274-Lng-A-T	317	chr13:63651650-63651750
chr13	63862950	63863050	901-Lng-A-T	90	chr13:63862950-63863050
chr13	64289050	64289150	901-Lng-B-T	90	chr13:64289050-64289150
chr13	64598450	64598550	846-Lng-A-T	248	chr13:64598450-64598550
chr13	64807950	64808050	1152-Lng-A-T	38	chr13:64807950-64808050
chr13	64950650	64950750	1090-Lng-A-T	65	chr13:64950650-64950750
chr13	65162450	65162550	1004-Lng-A-T	222	chr13:65162450-65162550
chr13	65173150	65173250	1090-Lng-A-T	93	chr13:65173150-65173250
chr13	65206550	65206650	1167-Lng-A-T	76	chr13:65206550-65206650
chr13	65265050	65265150	1004-Lng-A-T	83	chr13:65265050-65265150
chr13	65938850	65938950	1223-Lng-A-T	743	chr13:65938850-65938950
chr13	67003350	67003450	1223-Lng-A-T	214	chr13:67003350-67003450

Table S2: SB Insertion regions

chr13	67110050	67110150	901-Lng-C-T	223	chr13:67110050-67110150
chr13	67140550	67140650	1065-Lng-B-T	79	chr13:67140550-67140650
chr13	67147450	67147550	901-Lng-A-T	153	chr13:67147450-67147550
chr13	67200450	67200550	1223-Lng-A-T	2003	chr13:67200450-67200550
chr13	67409850	67409950	1223-Lng-B-T	89	chr13:67409850-67409950
chr13	67426450	67426550	901-Lng-A-T	443	chr13:67426450-67426550
chr13	67435550	67435650	1152-Lng-A-T	70	chr13:67435550-67435650
chr13	67594250	67594350	1004-Lng-A-T	182	chr13:67594250-67594350
chr13	67594650	67594750	1065-Lng-A-T	72	chr13:67594650-67594750
chr13	67641350	67641450	1188-Lng-A-T	35	chr13:67641350-67641450
chr13	67691150	67691250	1167-Lng-A-T	159	chr13:67691150-67691250
chr13	67703150	67703250	901-Lng-A-T	65	chr13:67703150-67703250
chr13	67718550	67718650	1004-Lng-A-T	79	chr13:67718550-67718650
chr13	67851050	67851150	1090-Lng-A-T	53	chr13:67851050-67851150
chr13	68092850	68092950	901-Lng-C-T	34	chr13:68092850-68092950
chr13	68802750	68802850	901-Lng-A-T	102	chr13:68802750-68802850
chr13	68939450	68939550	1065-Lng-C-T	73	chr13:68939450-68939550
chr13	69071650	69071750	846-Lng-A-T	122	chr13:69071650-69071750
chr13	69106450	69106550	1004-Lng-A-T	95	chr13:69106450-69106550
chr13	69627350	69627450	1274-Lng-A-T	96	chr13:69627350-69627450
chr13	69647350	69647450	901-Lng-A-T	58	chr13:69647350-69647450
chr13	69942650	69942750	1004-Lng-A-T	88	chr13:69942650-69942750
chr13	70073250	70073350	1188-Lng-A-T	73	chr13:70073250-70073350
chr13	70340150	70340250	901-Lng-A-T	106	chr13:70340150-70340250
chr13	70345750	70345850	1065-Lng-C-T	76	chr13:70345750-70345850
chr13	70470550	70470650	1065-Lng-A-T	579	chr13:70470550-70470650
chr13	70693250	70693350	1065-Lng-B-T	51	chr13:70693250-70693350
chr13	70705150	70705250	1223-Lng-A-T	253	chr13:70705150-70705250
chr13	70705950	70706050	1072-Lng-A-T	108	chr13:70705950-70706050
chr13	70730050	70730150	846-Lng-A-T	104	chr13:70730050-70730150
chr13	70747350	70747450	1223-Lng-A-T	806	chr13:70747350-70747450
chr13	70836450	70836550	1223-Lng-B-T	35	chr13:70836450-70836550
chr13	71291050	71291150	901-Lng-B-T	44	chr13:71291050-71291150
chr13	72057850	72057950	1100-Lng-A-T	58	chr13:72057850-72057950
chr13	72087750	72087850	1152-Lng-A-T	132	chr13:72087750-72087850
chr13	72124650	72124750	1004-Lng-A-T	263	chr13:72124650-72124750
chr13	72167550	72167650	1072-Lng-A-T	54	chr13:72167550-72167650
chr13	72265150	72265250	901-Lng-B-T	160	chr13:72265150-72265250
chr13	72586050	72586150	901-Lng-B-T	88	chr13:72586050-72586150
chr13	72717350	72717450	1065-Lng-C-T	70	chr13:72717350-72717450
chr13	72726450	72726550	901-Lng-B-T	204	chr13:72726450-72726550
chr13	72746950	72747050	1223-Lng-A-T	134	chr13:72746950-72747050
chr13	72751750	72751850	1065-Lng-B-T	89	chr13:72751750-72751850
chr13	73610750	73610850	1223-Lng-C-T	328	chr13:73610750-73610850
chr13	73618150	73618250	1188-Lng-A-T	80	chr13:73618150-73618250
chr13	73623650	73623750	1004-Lng-A-T	51	chr13:73623650-73623750

Table S2: SB Insertion regions

chr13	73632650	73632750	1090-Lng-B-T	435	chr13:73632650-73632750
chr13	73645350	73645450	846-Lng-A-T	49	chr13:73645350-73645450
chr13	73663350	73663450	1065-Lng-B-T	107	chr13:73663350-73663450
chr13	73801850	73801950	1274-Lng-A-T	91	chr13:73801850-73801950
chr13	73921350	73921450	846-Lng-A-T	176	chr13:73921350-73921450
chr13	74171050	74171150	1223-Lng-B-T	173	chr13:74171050-74171150
chr13	74171950	74172050	1188-Lng-A-T	34	chr13:74171950-74172050
chr13	74191950	74192050	846-Lng-A-T	153	chr13:74191950-74192050
chr13	74307850	74307950	1223-Lng-A-T	107	chr13:74307850-74307950
chr13	74310250	74310350	1090-Lng-A-T	597	chr13:74310250-74310350
chr13	74311750	74311850	1090-Lng-A-T	52	chr13:74311750-74311850
chr13	74342350	74342450	901-Lng-B-T	45	chr13:74342350-74342450
chr13	74446450	74446550	846-Lng-A-T	137	chr13:74446450-74446550
chr13	74503450	74503550	1223-Lng-D-T	55	chr13:74503450-74503550
chr13	74514150	74514250	901-Lng-B-T	160	chr13:74514150-74514250
chr13	74515650	74515750	1152-Lng-A-T	98	chr13:74515650-74515750
chr13	74858750	74858850	1065-Lng-A-T	51	chr13:74858750-74858850
chr13	74860050	74860150	901-Lng-C-T	29	chr13:74860050-74860150
chr13	74880650	74880750	1065-Lng-C-T	115	chr13:74880650-74880750
chr13	74884950	74885050	1167-Lng-A-T	67	chr13:74884950-74885050
chr13	74887350	74887450	1188-Lng-A-T	48	chr13:74887350-74887450
chr13	74900550	74900650	846-Lng-A-T	251	chr13:74900550-74900650
chr13	75157550	75157650	1188-Lng-A-T	38	chr13:75157550-75157650
chr13	75249250	75249350	1152-Lng-A-T	107	chr13:75249250-75249350
chr13	75406350	75406450	901-Lng-B-T	120	chr13:75406350-75406450
chr13	75453550	75453650	901-Lng-A-T	82	chr13:75453550-75453650
chr13	75569750	75569850	1167-Lng-A-T	69	chr13:75569750-75569850
chr13	75862950	75863050	1065-Lng-B-T	59	chr13:75862950-75863050
chr13	75878450	75878550	1167-Lng-A-T	2264	chr13:75878450-75878550
chr13	75894350	75894450	1223-Lng-B-T	37	chr13:75894350-75894450
chr13	75981850	75981950	1100-Lng-A-T	126	chr13:75981850-75981950
chr13	76314950	76315050	901-Lng-A-T	107	chr13:76314950-76315050
chr13	76317150	76317250	1072-Lng-A-T	123	chr13:76317150-76317250
chr13	76340550	76340650	1223-Lng-C-T	47	chr13:76340550-76340650
chr13	76419050	76419150	1004-Lng-A-T	59	chr13:76419050-76419150
chr13	76482450	76482550	1065-Lng-A-T	54	chr13:76482450-76482550
chr13	76492750	76492850	1072-Lng-A-T	96	chr13:76492750-76492850
chr13	76589350	76589450	1090-Lng-B-T	251	chr13:76589350-76589450
chr13	76621650	76621750	901-Lng-B-T	99	chr13:76621650-76621750
chr13	76626550	76626650	901-Lng-A-T	118	chr13:76626550-76626650
chr13	76656850	76656950	1167-Lng-A-T	62	chr13:76656850-76656950
chr13	76685750	76685850	1223-Lng-C-T	57	chr13:76685750-76685850
chr13	76807250	76807350	846-Lng-A-T	1207	chr13:76807250-76807350
chr13	76887950	76888050	1065-Lng-C-T	72	chr13:76887950-76888050
chr13	77160250	77160350	1223-Lng-B-T	43	chr13:77160250-77160350
chr13	77163750	77163850	1090-Lng-A-T	64	chr13:77163750-77163850

Table S2: SB Insertion regions

chr13	77240750	77240850	1090-Lng-A-T	82	chr13:77240750-77240850
chr13	77252550	77252650	901-Lng-A-T	67	chr13:77252550-77252650
chr13	77394350	77394450	1100-Lng-A-T	73	chr13:77394350-77394450
chr13	77431450	77431550	1100-Lng-A-T	127	chr13:77431450-77431550
chr13	77543250	77543350	1065-Lng-A-T	618	chr13:77543250-77543350
chr13	77873950	77874050	1100-Lng-A-T	63	chr13:77873950-77874050
chr13	77926750	77926850	1090-Lng-A-T	62	chr13:77926750-77926850
chr13	78015750	78015850	1223-Lng-B-T	61	chr13:78015750-78015850
chr13	78016350	78016450	1065-Lng-A-T	78	chr13:78016350-78016450
chr13	78061250	78061350	1065-Lng-C-T	73	chr13:78061250-78061350
chr13	78114250	78114350	1065-Lng-B-T	56	chr13:78114250-78114350
chr13	78132450	78132550	901-Lng-C-T	117	chr13:78132450-78132550
chr13	78217850	78217950	1090-Lng-A-T	69	chr13:78217850-78217950
chr13	78296750	78296850	1065-Lng-B-T	50	chr13:78296750-78296850
chr13	78357050	78357150	1072-Lng-A-T	56	chr13:78357050-78357150
chr13	78615850	78615950	1065-Lng-B-T	78	chr13:78615850-78615950
chr13	79110850	79110950	1065-Lng-C-T	78	chr13:79110850-79110950
chr13	79173950	79174050	901-Lng-A-T	486	chr13:79173950-79174050
chr13	79322850	79322950	1223-Lng-A-T	158	chr13:79322850-79322950
chr13	79340450	79340550	1065-Lng-A-T	58	chr13:79340450-79340550
chr13	79369550	79369650	846-Lng-A-T	79	chr13:79369550-79369650
chr13	79497650	79497750	1090-Lng-B-T	777	chr13:79497650-79497750
chr13	79542150	79542250	901-Lng-D-T	180	chr13:79542150-79542250
chr13	79718050	79718150	846-Lng-A-T	139	chr13:79718050-79718150
chr13	79910350	79910450	846-Lng-A-T	126	chr13:79910350-79910450
chr13	80103050	80103150	1090-Lng-B-T	149	chr13:80103050-80103150
chr13	80159350	80159450	1065-Lng-B-T	47	chr13:80159350-80159450
chr13	80251150	80251250	1065-Lng-C-T	72	chr13:80251150-80251250
chr13	80404950	80405050	1065-Lng-B-T	46	chr13:80404950-80405050
chr13	80413050	80413150	1223-Lng-B-T	108	chr13:80413050-80413150
chr13	80477150	80477250	1065-Lng-C-T	66	chr13:80477150-80477250
chr13	80505350	80505450	1065-Lng-A-T	68	chr13:80505350-80505450
chr13	80524150	80524250	1090-Lng-B-T	634	chr13:80524150-80524250
chr13	80583450	80583550	1090-Lng-A-T	950	chr13:80583450-80583550
chr13	80669350	80669450	1004-Lng-A-T	84	chr13:80669350-80669450
chr13	80672950	80673050	1004-Lng-A-T	65	chr13:80672950-80673050
chr13	80805250	80805350	1152-Lng-A-T	42	chr13:80805250-80805350
chr13	80936550	80936650	901-Lng-C-T	59	chr13:80936550-80936650
chr13	80979950	80980050	1223-Lng-B-T	39	chr13:80979950-80980050
chr13	81070450	81070550	1223-Lng-D-T	40	chr13:81070450-81070550
chr13	81095550	81095650	1090-Lng-A-T	114	chr13:81095550-81095650
chr13	81158750	81158850	1152-Lng-A-T	73	chr13:81158750-81158850
chr13	81474550	81474650	1065-Lng-A-T	66	chr13:81474550-81474650
chr13	81539450	81539550	901-Lng-D-T	320	chr13:81539450-81539550
chr13	81562350	81562450	1090-Lng-B-T	287	chr13:81562350-81562450
chr13	82057850	82057950	1065-Lng-C-T	86	chr13:82057850-82057950

Table S2: SB Insertion regions

chr13	83112850	83112950	1152-Lng-A-T	49	chr13:83112850-83112950
chr13	83261150	83261250	901-Lng-B-T	41	chr13:83261150-83261250
chr13	83599550	83599650	1274-Lng-A-T	66	chr13:83599550-83599650
chr13	84031550	84031650	1274-Lng-A-T	126	chr13:84031550-84031650
chr13	84132250	84132350	1223-Lng-D-T	50	chr13:84132250-84132350
chr13	84153550	84153650	1004-Lng-A-T	1088	chr13:84153550-84153650
chr13	84361250	84361350	901-Lng-C-T	38	chr13:84361250-84361350
chr13	84375450	84375550	1152-Lng-A-T	72	chr13:84375450-84375550
chr13	84395450	84395550	1223-Lng-A-T	95	chr13:84395450-84395550
chr13	84424650	84424750	1223-Lng-D-T	47	chr13:84424650-84424750
chr13	84428250	84428350	1151-Lng-A-T	169	chr13:84428250-84428350
chr13	84656150	84656250	1072-Lng-A-T	55	chr13:84656150-84656250
chr13	84675150	84675250	901-Lng-B-T	239	chr13:84675150-84675250
chr13	84833150	84833250	1004-Lng-A-T	93	chr13:84833150-84833250
chr13	85294850	85294950	1188-Lng-A-T	143	chr13:85294850-85294950
chr13	85389050	85389150	1004-Lng-A-T	104	chr13:85389050-85389150
chr13	85549650	85549750	846-Lng-A-T	187	chr13:85549650-85549750
chr13	85556550	85556650	1274-Lng-A-T	57	chr13:85556550-85556650
chr13	85754450	85754550	1274-Lng-A-T	164	chr13:85754450-85754550
chr13	85967750	85967850	846-Lng-A-T	126	chr13:85967750-85967850
chr13	86043350	86043450	1090-Lng-B-T	889	chr13:86043350-86043450
chr13	86098150	86098250	1065-Lng-B-T	500	chr13:86098150-86098250
chr13	86182450	86182550	1223-Lng-B-T	35	chr13:86182450-86182550
chr13	86349750	86349850	901-Lng-B-T	101	chr13:86349750-86349850
chr13	86408950	86409050	1223-Lng-A-T	53	chr13:86408950-86409050
chr13	86453850	86453950	901-Lng-B-T	99	chr13:86453850-86453950
chr13	86660850	86660950	1065-Lng-B-T	68	chr13:86660850-86660950
chr13	87069050	87069150	1188-Lng-A-T	34	chr13:87069050-87069150
chr13	87098650	87098750	1223-Lng-C-T	50	chr13:87098650-87098750
chr13	87099950	87100050	901-Lng-C-T	51	chr13:87099950-87100050
chr13	87126650	87126750	846-Lng-A-T	139	chr13:87126650-87126750
chr13	87171450	87171550	1100-Lng-A-T	78	chr13:87171450-87171550
chr13	87332850	87332950	1072-Lng-A-T	49	chr13:87332850-87332950
chr13	87573250	87573350	1065-Lng-A-T	50	chr13:87573250-87573350
chr13	87661050	87661150	1065-Lng-A-T	91	chr13:87661050-87661150
chr13	87694550	87694650	901-Lng-A-T	79	chr13:87694550-87694650
chr13	87969450	87969550	1065-Lng-B-T	59	chr13:87969450-87969550
chr13	88072150	88072250	901-Lng-A-T	103	chr13:88072150-88072250
chr13	88081150	88081250	901-Lng-B-T	113	chr13:88081150-88081250
chr13	88322750	88322850	1188-Lng-A-T	50	chr13:88322750-88322850
chr13	88515850	88515950	1090-Lng-B-T	105	chr13:88515850-88515950
chr13	88842750	88842850	1274-Lng-A-T	60	chr13:88842750-88842850
chr13	88844150	88844250	1223-Lng-B-T	44	chr13:88844150-88844250
chr13	88855250	88855350	1065-Lng-A-T	61	chr13:88855250-88855350
chr13	88945450	88945550	901-Lng-A-T	96	chr13:88945450-88945550
chr13	88974550	88974650	1223-Lng-B-T	101	chr13:88974550-88974650

Table S2: SB Insertion regions

chr13	89013450	89013550	1223-Lng-C-T	54	chr13:89013450-89013550
chr13	89047550	89047650	1223-Lng-B-T	330	chr13:89047550-89047650
chr13	89137150	89137250	1188-Lng-A-T	48	chr13:89137150-89137250
chr13	89169350	89169450	1100-Lng-A-T	98	chr13:89169350-89169450
chr13	89188650	89188750	901-Lng-B-T	564	chr13:89188650-89188750
chr13	89192450	89192550	1004-Lng-A-T	491	chr13:89192450-89192550
chr13	89492950	89493050	1072-Lng-A-T	49	chr13:89492950-89493050
chr13	89643550	89643650	1100-Lng-A-T	211	chr13:89643550-89643650
chr13	89856750	89856850	1065-Lng-C-T	75	chr13:89856750-89856850
chr13	90013150	90013250	1065-Lng-B-T	52	chr13:90013150-90013250
chr13	90088250	90088350	1152-Lng-A-T	62	chr13:90088250-90088350
chr13	90165650	90165750	846-Lng-A-T	150	chr13:90165650-90165750
chr13	90339150	90339250	1065-Lng-A-T	76	chr13:90339150-90339250
chr13	90405350	90405450	1065-Lng-A-T	72	chr13:90405350-90405450
chr13	90501750	90501850	901-Lng-A-T	69	chr13:90501750-90501850
chr13	90674550	90674650	1100-Lng-A-T	117	chr13:90674550-90674650
chr13	90775850	90775950	1004-Lng-A-T	54	chr13:90775850-90775950
chr13	90954950	90955050	1223-Lng-B-T	50	chr13:90954950-90955050
chr13	91065750	91065850	901-Lng-C-T	39	chr13:91065750-91065850
chr13	91067050	91067150	1090-Lng-B-T	549	chr13:91067050-91067150
chr13	91129650	91129750	1188-Lng-A-T	91	chr13:91129650-91129750
chr13	91203450	91203550	1090-Lng-B-T	71	chr13:91203450-91203550
chr13	91218750	91218850	901-Lng-C-T	41	chr13:91218750-91218850
chr13	91226350	91226450	1065-Lng-B-T	58	chr13:91226350-91226450
chr13	91605050	91605150	901-Lng-B-T	310	chr13:91605050-91605150
chr13	91678450	91678550	1223-Lng-B-T	36	chr13:91678450-91678550
chr13	91684850	91684950	1223-Lng-B-T	83	chr13:91684850-91684950
chr13	91687350	91687450	1065-Lng-A-T	45	chr13:91687350-91687450
chr13	91717250	91717350	1188-Lng-A-T	173	chr13:91717250-91717350
chr13	91742050	91742150	1072-Lng-A-T	57	chr13:91742050-91742150
chr13	91907650	91907750	1065-Lng-A-T	60	chr13:91907650-91907750
chr13	92826950	92827050	901-Lng-A-T	753	chr13:92826950-92827050
chr13	92870150	92870250	901-Lng-B-T	185	chr13:92870150-92870250
chr13	92884750	92884850	846-Lng-A-T	84	chr13:92884750-92884850
chr13	93221350	93221450	1072-Lng-A-T	59	chr13:93221350-93221450
chr13	93268150	93268250	1223-Lng-C-T	62	chr13:93268150-93268250
chr13	93275550	93275650	1065-Lng-B-T	54	chr13:93275550-93275650
chr13	93297750	93297850	1188-Lng-A-T	244	chr13:93297750-93297850
chr13	93511950	93512050	1065-Lng-A-T	57	chr13:93511950-93512050
chr13	93830150	93830250	1004-Lng-A-T	641	chr13:93830150-93830250
chr13	93940450	93940550	1065-Lng-A-T	103	chr13:93940450-93940550
chr13	93957050	93957150	1223-Lng-C-T	147	chr13:93957050-93957150
chr13	93961650	93961750	1223-Lng-B-T	35	chr13:93961650-93961750
chr13	94083450	94083550	1090-Lng-A-T	62	chr13:94083450-94083550
chr13	94084050	94084150	1223-Lng-C-T	44	chr13:94084050-94084150
chr13	94248550	94248650	1274-Lng-A-T	52	chr13:94248550-94248650

Table S2: SB Insertion regions

chr13	94310850	94310950	1100-Lng-A-T	57	chr13:94310850-94310950
chr13	94546650	94546750	1004-Lng-A-T	59	chr13:94546650-94546750
chr13	94682250	94682350	1167-Lng-A-T	58	chr13:94682250-94682350
chr13	94826650	94826750	901-Lng-A-T	186	chr13:94826650-94826750
chr13	94843350	94843450	1100-Lng-A-T	114	chr13:94843350-94843450
chr13	94868450	94868550	1100-Lng-A-T	247	chr13:94868450-94868550
chr13	94952650	94952750	1223-Lng-C-T	43	chr13:94952650-94952750
chr13	94980950	94981050	1188-Lng-A-T	173	chr13:94980950-94981050
chr13	95002950	95003050	1004-Lng-A-T	78	chr13:95002950-95003050
chr13	95021050	95021150	1090-Lng-B-T	294	chr13:95021050-95021150
chr13	95031250	95031350	901-Lng-C-T	50	chr13:95031250-95031350
chr13	95056650	95056750	1188-Lng-A-T	34	chr13:95056650-95056750
chr13	95141050	95141150	1274-Lng-A-T	101	chr13:95141050-95141150
chr13	95148550	95148650	1100-Lng-A-T	87	chr13:95148550-95148650
chr13	95148750	95148850	1274-Lng-A-T	61	chr13:95148750-95148850
chr13	95159550	95159650	1274-Lng-A-T	53	chr13:95159550-95159650
chr13	95160650	95160750	1100-Lng-A-T	51	chr13:95160650-95160750
chr13	95191950	95192050	1090-Lng-A-T	47	chr13:95191950-95192050
chr13	95215850	95215950	1004-Lng-A-T	1264	chr13:95215850-95215950
chr13	95281150	95281250	1167-Lng-A-T	159	chr13:95281150-95281250
chr13	95333250	95333350	1223-Lng-A-T	230	chr13:95333250-95333350
chr13	95538850	95538950	1188-Lng-A-T	168	chr13:95538850-95538950
chr13	95560650	95560750	846-Lng-A-T	299	chr13:95560650-95560750
chr13	95565250	95565350	901-Lng-A-T	103	chr13:95565250-95565350
chr13	95581350	95581450	1188-Lng-A-T	44	chr13:95581350-95581450
chr13	95590150	95590250	1188-Lng-A-T	1946	chr13:95590150-95590250
chr13	95777150	95777250	1223-Lng-C-T	45	chr13:95777150-95777250
chr13	95784150	95784250	901-Lng-A-T	52	chr13:95784150-95784250
chr13	95857650	95857750	1100-Lng-A-T	127	chr13:95857650-95857750
chr13	95961450	95961550	1065-Lng-B-T	65	chr13:95961450-95961550
chr13	95983350	95983450	846-Lng-A-T	124	chr13:95983350-95983450
chr13	96080550	96080650	1151-Lng-A-T	64	chr13:96080550-96080650
chr13	96107750	96107850	1223-Lng-D-T	270	chr13:96107750-96107850
chr13	96119250	96119350	1188-Lng-A-T	38	chr13:96119250-96119350
chr13	96142150	96142250	1151-Lng-A-T	183	chr13:96142150-96142250
chr13	96304850	96304950	1065-Lng-A-T	48	chr13:96304850-96304950
chr13	96479850	96479950	901-Lng-A-T	182	chr13:96479850-96479950
chr13	96542250	96542350	901-Lng-C-T	85	chr13:96542250-96542350
chr13	96672050	96672150	1065-Lng-A-T	120	chr13:96672050-96672150
chr13	96957750	96957850	901-Lng-D-T	441	chr13:96957750-96957850
chr13	97165550	97165650	1167-Lng-A-T	167	chr13:97165550-97165650
chr13	97187150	97187250	1065-Lng-C-T	185	chr13:97187150-97187250
chr13	97318050	97318150	846-Lng-A-T	49	chr13:97318050-97318150
chr13	97326450	97326550	1004-Lng-A-T	65	chr13:97326450-97326550
chr13	97327650	97327750	1152-Lng-A-T	131	chr13:97327650-97327750
chr13	97343050	97343150	901-Lng-C-T	51	chr13:97343050-97343150

Table S2: SB Insertion regions

chr13	97360650	97360750	1100-Lng-A-T	51	chr13:97360650-97360750
chr13	97361050	97361150	1151-Lng-A-T	55	chr13:97361050-97361150
chr13	97390850	97390950	1223-Lng-A-T	1740	chr13:97390850-97390950
chr13	97404850	97404950	1223-Lng-D-T	58	chr13:97404850-97404950
chr13	97890450	97890550	1152-Lng-A-T	38	chr13:97890450-97890550
chr13	98123450	98123550	1065-Lng-B-T	68	chr13:98123450-98123550
chr13	98408450	98408550	1065-Lng-C-T	95	chr13:98408450-98408550
chr13	98692750	98692850	1223-Lng-A-T	160	chr13:98692750-98692850
chr13	98831450	98831550	901-Lng-A-T	72	chr13:98831450-98831550
chr13	98888050	98888150	1167-Lng-A-T	46	chr13:98888050-98888150
chr13	98916350	98916450	1090-Lng-A-T	65	chr13:98916350-98916450
chr13	99038050	99038150	1004-Lng-A-T	61	chr13:99038050-99038150
chr13	99492350	99492450	901-Lng-D-T	143	chr13:99492350-99492450
chr13	99504750	99504850	901-Lng-B-T	54	chr13:99504750-99504850
chr13	99504950	99505050	1151-Lng-A-T	654	chr13:99504950-99505050
chr13	99517850	99517950	901-Lng-B-T	150	chr13:99517850-99517950
chr13	99525350	99525450	901-Lng-C-T	34	chr13:99525350-99525450
chr13	99582350	99582450	1065-Lng-B-T	41	chr13:99582350-99582450
chr13	99607050	99607150	901-Lng-B-T	65	chr13:99607050-99607150
chr13	99633050	99633150	1274-Lng-A-T	68	chr13:99633050-99633150
chr13	99634450	99634550	1223-Lng-C-T	75	chr13:99634450-99634550
chr13	99639050	99639150	901-Lng-B-T	43	chr13:99639050-99639150
chr13	99639850	99639950	1065-Lng-B-T	91	chr13:99639850-99639950
chr13	99644450	99644550	1065-Lng-A-T	56	chr13:99644450-99644550
chr13	99649250	99649350	1090-Lng-A-T	65	chr13:99649250-99649350
chr13	99666650	99666750	1072-Lng-A-T	80	chr13:99666650-99666750
chr13	99853350	99853450	1151-Lng-A-T	56	chr13:99853350-99853450
chr13	99985350	99985450	1188-Lng-A-T	185	chr13:99985350-99985450
chr13	100042550	100042650	1188-Lng-A-T	46	chr13:100042550-100042650
chr13	100287750	100287850	1223-Lng-C-T	56	chr13:100287750-100287850
chr13	100787950	100788050	1072-Lng-A-T	58	chr13:100787950-100788050
chr13	100802550	100802650	1065-Lng-B-T	63	chr13:100802550-100802650
chr13	100804450	100804550	901-Lng-B-T	247	chr13:100804450-100804550
chr13	100808350	100808450	1065-Lng-B-T	76	chr13:100808350-100808450
chr13	100823850	100823950	1065-Lng-A-T	98	chr13:100823850-100823950
chr13	100869350	100869450	1167-Lng-A-T	332	chr13:100869350-100869450
chr13	100898650	100898750	901-Lng-B-T	78	chr13:100898650-100898750
chr13	101259850	101259950	901-Lng-C-T	44	chr13:101259850-101259950
chr13	101308650	101308750	1065-Lng-B-T	66	chr13:101308650-101308750
chr13	101409450	101409550	1065-Lng-A-T	458	chr13:101409450-101409550
chr13	101438950	101439050	1100-Lng-A-T	94	chr13:101438950-101439050
chr13	101539650	101539750	901-Lng-A-T	151	chr13:101539650-101539750
chr13	101592750	101592850	1065-Lng-B-T	49	chr13:101592750-101592850
chr13	101671750	101671850	1274-Lng-A-T	136	chr13:101671750-101671850
chr13	102100650	102100750	1090-Lng-B-T	967	chr13:102100650-102100750
chr13	102233050	102233150	1004-Lng-A-T	55	chr13:102233050-102233150

Table S2: SB Insertion regions

chr13	102241350	102241450	1072-Lng-A-T	74	chr13:102241350-102241450
chr13	102293950	102294050	901-Lng-A-T	132	chr13:102293950-102294050
chr13	102462150	102462250	1274-Lng-A-T	55	chr13:102462150-102462250
chr13	102466250	102466350	1151-Lng-A-T	64	chr13:102466250-102466350
chr13	102479250	102479350	1072-Lng-A-T	126	chr13:102479250-102479350
chr13	102506850	102506950	846-Lng-A-T	66	chr13:102506850-102506950
chr13	102522350	102522450	1065-Lng-C-T	94	chr13:102522350-102522450
chr13	102535850	102535950	1065-Lng-A-T	55	chr13:102535850-102535950
chr13	102612850	102612950	1065-Lng-C-T	95	chr13:102612850-102612950
chr13	102827950	102828050	846-Lng-A-T	94	chr13:102827950-102828050
chr13	103577950	103578050	1100-Lng-A-T	132	chr13:103577950-103578050
chr13	103630550	103630650	901-Lng-B-T	63	chr13:103630550-103630650
chr13	103641450	103641550	1072-Lng-A-T	63	chr13:103641450-103641550
chr13	103682850	103682950	1151-Lng-A-T	342	chr13:103682850-103682950
chr13	104541150	104541250	1004-Lng-A-T	81	chr13:104541150-104541250
chr13	104619950	104620050	1274-Lng-A-T	114	chr13:104619950-104620050
chr13	104634650	104634750	1090-Lng-B-T	802	chr13:104634650-104634750
chr13	104646950	104647050	901-Lng-B-T	66	chr13:104646950-104647050
chr13	104650950	104651050	1065-Lng-A-T	41	chr13:104650950-104651050
chr13	104693350	104693450	1223-Lng-A-T	127	chr13:104693350-104693450
chr13	104881450	104881550	1090-Lng-A-T	115	chr13:104881450-104881550
chr13	104936650	104936750	1274-Lng-A-T	54	chr13:104936650-104936750
chr13	104981750	104981850	1072-Lng-A-T	48	chr13:104981750-104981850
chr13	105017350	105017450	901-Lng-D-T	119	chr13:105017350-105017450
chr13	105078450	105078550	901-Lng-C-T	35	chr13:105078450-105078550
chr13	105089650	105089750	1090-Lng-A-T	112	chr13:105089650-105089750
chr13	105122050	105122150	901-Lng-B-T	43	chr13:105122050-105122150
chr13	105134550	105134650	901-Lng-D-T	250	chr13:105134550-105134650
chr13	105361150	105361250	1223-Lng-C-T	46	chr13:105361150-105361250
chr13	105409450	105409550	901-Lng-B-T	90	chr13:105409450-105409550
chr13	105424150	105424250	1065-Lng-C-T	94	chr13:105424150-105424250
chr13	105554150	105554250	1151-Lng-A-T	154	chr13:105554150-105554250
chr13	105580350	105580450	901-Lng-D-T	65	chr13:105580350-105580450
chr13	105676050	105676150	1004-Lng-A-T	64	chr13:105676050-105676150
chr13	105735550	105735650	1100-Lng-A-T	88	chr13:105735550-105735650
chr13	105803150	105803250	1223-Lng-A-T	74	chr13:105803150-105803250
chr13	105823950	105824050	901-Lng-D-T	220	chr13:105823950-105824050
chr13	106192350	106192450	1151-Lng-A-T	273	chr13:106192350-106192450
chr13	106368550	106368650	901-Lng-A-T	419	chr13:106368550-106368650
chr13	106441850	106441950	1188-Lng-A-T	70	chr13:106441850-106441950
chr13	106532550	106532650	901-Lng-A-T	52	chr13:106532550-106532650
chr13	106548550	106548650	901-Lng-D-T	551	chr13:106548550-106548650
chr13	106591350	106591450	901-Lng-B-T	150	chr13:106591350-106591450
chr13	106718150	106718250	1065-Lng-A-T	90	chr13:106718150-106718250
chr13	107053350	107053450	1090-Lng-A-T	2430	chr13:107053350-107053450
chr13	107110550	107110650	1188-Lng-A-T	35	chr13:107110550-107110650

Table S2: SB Insertion regions

chr13	107428350	107428450	901-Lng-B-T	78	chr13:107428350-107428450
chr13	107586750	107586850	1065-Lng-C-T	91	chr13:107586750-107586850
chr13	107591350	107591450	901-Lng-D-T	57	chr13:107591350-107591450
chr13	107711050	107711150	1100-Lng-A-T	68	chr13:107711050-107711150
chr13	107746950	107747050	1090-Lng-B-T	80	chr13:107746950-107747050
chr13	107756750	107756850	1065-Lng-C-T	80	chr13:107756750-107756850
chr13	107766850	107766950	1151-Lng-A-T	215	chr13:107766850-107766950
chr13	107775750	107775850	1004-Lng-A-T	195	chr13:107775750-107775850
chr13	107777850	107777950	1223-Lng-A-T	1157	chr13:107777850-107777950
chr13	107803050	107803150	1188-Lng-A-T	35	chr13:107803050-107803150
chr13	107805650	107805750	1072-Lng-A-T	67	chr13:107805650-107805750
chr13	107869550	107869650	901-Lng-C-T	45	chr13:107869550-107869650
chr13	108204250	108204350	1090-Lng-A-T	65	chr13:108204250-108204350
chr13	108518550	108518650	1100-Lng-A-T	88	chr13:108518550-108518650
chr13	108526050	108526150	1151-Lng-A-T	206	chr13:108526050-108526150
chr13	108575050	108575150	901-Lng-A-T	108	chr13:108575050-108575150
chr13	108598350	108598450	1100-Lng-A-T	119	chr13:108598350-108598450
chr13	108603750	108603850	1100-Lng-A-T	96	chr13:108603750-108603850
chr13	108622050	108622150	1167-Lng-A-T	136	chr13:108622050-108622150
chr13	108623850	108623950	1274-Lng-A-T	316	chr13:108623850-108623950
chr13	108635450	108635550	1151-Lng-A-T	459	chr13:108635450-108635550
chr13	108849350	108849450	901-Lng-B-T	101	chr13:108849350-108849450
chr13	109105750	109105850	1223-Lng-A-T	107	chr13:109105750-109105850
chr13	109510250	109510350	901-Lng-D-T	192	chr13:109510250-109510350
chr13	109745350	109745450	1223-Lng-B-T	38	chr13:109745350-109745450
chr13	109913750	109913850	846-Lng-A-T	51	chr13:109913750-109913850
chr13	109924750	109924850	1065-Lng-B-T	65	chr13:109924750-109924850
chr13	110086150	110086250	1072-Lng-A-T	57	chr13:110086150-110086250
chr13	110087050	110087150	1065-Lng-A-T	54	chr13:110087050-110087150
chr13	110120350	110120450	901-Lng-B-T	113	chr13:110120350-110120450
chr13	110240950	110241050	1167-Lng-A-T	154	chr13:110240950-110241050
chr13	110248750	110248850	1072-Lng-A-T	265	chr13:110248750-110248850
chr13	110271050	110271150	1188-Lng-A-T	39	chr13:110271050-110271150
chr13	110284850	110284950	1274-Lng-A-T	70	chr13:110284850-110284950
chr13	110320050	110320150	1065-Lng-B-T	60	chr13:110320050-110320150
chr13	110348650	110348750	901-Lng-A-T	149	chr13:110348650-110348750
chr13	110449950	110450050	1090-Lng-A-T	49	chr13:110449950-110450050
chr13	110495950	110496050	1167-Lng-A-T	67	chr13:110495950-110496050
chr13	110628950	110629050	1188-Lng-A-T	36	chr13:110628950-110629050
chr13	110631250	110631350	1188-Lng-A-T	1560	chr13:110631250-110631350
chr13	110666150	110666250	1072-Lng-A-T	59	chr13:110666150-110666250
chr13	110669250	110669350	1151-Lng-A-T	224	chr13:110669250-110669350
chr13	110674250	110674350	1151-Lng-A-T	164	chr13:110674250-110674350
chr13	110694950	110695050	1004-Lng-A-T	59	chr13:110694950-110695050
chr13	110970550	110970650	1100-Lng-B-T	74	chr13:110970550-110970650
chr13	111012350	111012450	1188-Lng-A-T	109	chr13:111012350-111012450

Table S2: SB Insertion regions

chr13	111031850	111031950	1274-Lng-A-T	103	chr13:111031850-111031950
chr13	111132050	111132150	1065-Lng-A-T	280	chr13:111132050-111132150
chr13	111297050	111297150	1223-Lng-A-T	2100	chr13:111297050-111297150
chr13	111526050	111526150	1151-Lng-A-T	86	chr13:111526050-111526150
chr13	111575550	111575650	1004-Lng-A-T	75	chr13:111575550-111575650
chr13	111973950	111974050	1223-Lng-D-T	42	chr13:111973950-111974050
chr13	112127050	112127150	1152-Lng-A-T	50	chr13:112127050-112127150
chr13	112169550	112169650	1152-Lng-A-T	42	chr13:112169550-112169650
chr13	112214150	112214250	1223-Lng-C-T	58	chr13:112214150-112214250
chr13	112239650	112239750	901-Lng-A-T	97	chr13:112239650-112239750
chr13	112253350	112253450	1100-Lng-A-T	278	chr13:112253350-112253450
chr13	112255650	112255750	1072-Lng-A-T	95	chr13:112255650-112255750
chr13	112270750	112270850	1188-Lng-A-T	237	chr13:112270750-112270850
chr13	112274850	112274950	1152-Lng-A-T	139	chr13:112274850-112274950
chr13	112276650	112276750	1223-Lng-C-T	357	chr13:112276650-112276750
chr13	112319850	112319950	1152-Lng-A-T	129	chr13:112319850-112319950
chr13	112475550	112475650	1004-Lng-A-T	64	chr13:112475550-112475650
chr13	112553050	112553150	1188-Lng-A-T	36	chr13:112553050-112553150
chr13	112554750	112554850	1072-Lng-A-T	85	chr13:112554750-112554850
chr13	112659750	112659850	1223-Lng-A-T	179	chr13:112659750-112659850
chr13	112679350	112679450	1072-Lng-A-T	81	chr13:112679350-112679450
chr13	113298450	113298550	1065-Lng-C-T	89	chr13:113298450-113298550
chr13	113457850	113457950	901-Lng-D-T	138	chr13:113457850-113457950
chr13	113498450	113498550	901-Lng-B-T	116	chr13:113498450-113498550
chr13	113605250	113605350	1223-Lng-A-T	106	chr13:113605250-113605350
chr13	113639050	113639150	1065-Lng-B-T	75	chr13:113639050-113639150
chr13	113703150	113703250	1065-Lng-B-T	568	chr13:113703150-113703250
chr13	113758450	113758550	1065-Lng-A-T	45	chr13:113758450-113758550
chr13	113766950	113767050	1188-Lng-A-T	39	chr13:113766950-113767050
chr13	114144150	114144250	901-Lng-B-T	99	chr13:114144150-114144250
chr13	114275750	114275850	1274-Lng-A-T	105	chr13:114275750-114275850
chr13	114372050	114372150	1100-Lng-A-T	107	chr13:114372050-114372150
chr13	114384350	114384450	1065-Lng-A-T	83	chr13:114384350-114384450
chr13	114391050	114391150	1188-Lng-A-T	133	chr13:114391050-114391150
chr13	114613250	114613350	1188-Lng-A-T	74	chr13:114613250-114613350
chr13	114758850	114758950	1188-Lng-A-T	180	chr13:114758850-114758950
chr13	114871950	114872050	1167-Lng-A-T	65	chr13:114871950-114872050
chr13	114891950	114892050	901-Lng-A-T	479	chr13:114891950-114892050
chr13	115095250	115095350	846-Lng-A-T	110	chr13:115095250-115095350
chr13	115346050	115346150	1223-Lng-D-T	44	chr13:115346050-115346150
chr13	115813850	115813950	846-Lng-A-T	64	chr13:115813850-115813950
chr13	116205650	116205750	1004-Lng-A-T	84	chr13:116205650-116205750
chr13	117120250	117120350	1072-Lng-A-T	86	chr13:117120250-117120350
chr13	117544550	117544650	1223-Lng-C-T	45	chr13:117544550-117544650
chr13	117612650	117612750	1152-Lng-A-T	143	chr13:117612650-117612750
chr13	117654750	117654850	1100-Lng-A-T	131	chr13:117654750-117654850

Table S2: SB Insertion regions

chr13	117680550	117680650	901-Lng-B-T	183	chr13:117680550-117680650
chr13	117742550	117742650	1065-Lng-B-T	476	chr13:117742550-117742650
chr13	117764750	117764850	1188-Lng-A-T	43	chr13:117764750-117764850
chr13	118030150	118030250	901-Lng-C-T	80	chr13:118030150-118030250
chr13	118063650	118063750	1152-Lng-A-T	66	chr13:118063650-118063750
chr13	118250750	118250850	1090-Lng-A-T	94	chr13:118250750-118250850
chr13	118354450	118354550	1223-Lng-A-T	131	chr13:118354450-118354550
chr13	118430850	118430950	1223-Lng-D-T	40	chr13:118430850-118430950
chr13	118599050	118599150	1004-Lng-A-T	300	chr13:118599050-118599150
chr13	118699250	118699350	1167-Lng-A-T	72	chr13:118699250-118699350
chr13	118735050	118735150	1274-Lng-A-T	75	chr13:118735050-118735150
chr13	118746850	118746950	1065-Lng-B-T	62	chr13:118746850-118746950
chr13	118866250	118866350	1151-Lng-A-T	410	chr13:118866250-118866350
chr13	119016550	119016650	846-Lng-A-T	292	chr13:119016550-119016650
chr13	119143650	119143750	901-Lng-A-T	62	chr13:119143650-119143750
chr13	119384650	119384750	1223-Lng-C-T	45	chr13:119384650-119384750
chr13	119445750	119445850	901-Lng-C-T	31	chr13:119445750-119445850
chr13	119478650	119478750	846-Lng-A-T	233	chr13:119478650-119478750
chr13	119537750	119537850	1188-Lng-A-T	313	chr13:119537750-119537850
chr13	119956250	119956350	901-Lng-B-T	55	chr13:119956250-119956350
chr13	120041950	120042050	1004-Lng-A-T	334	chr13:120041950-120042050
chr13	120226250	120226350	1188-Lng-A-T	43	chr13:120226250-120226350
chr13	120241750	120241850	1065-Lng-B-T	140	chr13:120241750-120241850
chr14	3200450	3200550	1090-Lng-A-T	59	chr14:3200450-3200550
chr14	6292650	6292750	1004-Lng-A-T	68	chr14:6292650-6292750
chr14	7663750	7663850	1065-Lng-A-T	61	chr14:7663750-7663850
chr14	8672550	8672650	1188-Lng-A-T	214	chr14:8672550-8672650
chr14	8696050	8696150	901-Lng-A-T	52	chr14:8696050-8696150
chr14	8750650	8750750	1065-Lng-A-T	44	chr14:8750650-8750750
chr14	8765950	8766050	1152-Lng-A-T	230	chr14:8765950-8766050
chr14	8877850	8877950	1167-Lng-A-T	56	chr14:8877850-8877950
chr14	8962550	8962650	1167-Lng-A-T	151	chr14:8962550-8962650
chr14	8981350	8981450	1167-Lng-A-T	55	chr14:8981350-8981450
chr14	9053650	9053750	1188-Lng-A-T	59	chr14:9053650-9053750
chr14	9159550	9159650	901-Lng-A-T	218	chr14:9159550-9159650
chr14	9212650	9212750	1065-Lng-B-T	82	chr14:9212650-9212750
chr14	9461550	9461650	1065-Lng-B-T	65	chr14:9461550-9461650
chr14	9604850	9604950	1004-Lng-A-T	57	chr14:9604850-9604950
chr14	9758550	9758650	901-Lng-A-T	533	chr14:9758550-9758650
chr14	9895450	9895550	1065-Lng-A-T	73	chr14:9895450-9895550
chr14	10621250	10621350	1151-Lng-A-T	164	chr14:10621250-10621350
chr14	10638850	10638950	1223-Lng-B-T	510	chr14:10638850-10638950
chr14	10723450	10723550	846-Lng-A-T	83	chr14:10723450-10723550
chr14	11309850	11309950	1072-Lng-A-T	117	chr14:11309850-11309950
chr14	11398150	11398250	901-Lng-D-T	312	chr14:11398150-11398250
chr14	11559950	11560050	901-Lng-A-T	65	chr14:11559950-11560050

Table S2: SB Insertion regions

chr14	11714850	11714950	901-Lng-C-T	39	chr14:11714850-11714950
chr14	12393750	12393850	901-Lng-B-T	152	chr14:12393750-12393850
chr14	12457450	12457550	1090-Lng-A-T	67	chr14:12457450-12457550
chr14	12498950	12499050	1090-Lng-A-T	134	chr14:12498950-12499050
chr14	12504750	12504850	1065-Lng-A-T	109	chr14:12504750-12504850
chr14	12508750	12508850	1188-Lng-A-T	39	chr14:12508750-12508850
chr14	12576650	12576750	1223-Lng-C-T	52	chr14:12576650-12576750
chr14	12637050	12637150	1152-Lng-A-T	83	chr14:12637050-12637150
chr14	12638750	12638850	1152-Lng-A-T	105	chr14:12638750-12638850
chr14	12646050	12646150	1090-Lng-A-T	48	chr14:12646050-12646150
chr14	12650350	12650450	901-Lng-C-T	44	chr14:12650350-12650450
chr14	12765850	12765950	1072-Lng-A-T	49	chr14:12765850-12765950
chr14	12765950	12766050	1151-Lng-A-T	136	chr14:12765950-12766050
chr14	12773750	12773850	1167-Lng-A-T	52	chr14:12773750-12773850
chr14	12780350	12780450	846-Lng-A-T	102	chr14:12780350-12780450
chr14	12875250	12875350	901-Lng-B-T	91	chr14:12875250-12875350
chr14	12879750	12879850	1004-Lng-A-T	63	chr14:12879750-12879850
chr14	12958250	12958350	1274-Lng-A-T	49	chr14:12958250-12958350
chr14	12965850	12965950	1004-Lng-A-T	484	chr14:12965850-12965950
chr14	13070650	13070750	1223-Lng-A-T	2280	chr14:13070650-13070750
chr14	13143950	13144050	1072-Lng-A-T	84	chr14:13143950-13144050
chr14	13153550	13153650	1223-Lng-A-T	1333	chr14:13153550-13153650
chr14	13160850	13160950	901-Lng-C-T	46	chr14:13160850-13160950
chr14	13252550	13252650	1274-Lng-A-T	63	chr14:13252550-13252650
chr14	13400250	13400350	846-Lng-A-T	87	chr14:13400250-13400350
chr14	13512350	13512450	901-Lng-C-T	47	chr14:13512350-13512450
chr14	13589350	13589450	1223-Lng-B-T	44	chr14:13589350-13589450
chr14	13605150	13605250	1188-Lng-A-T	41	chr14:13605150-13605250
chr14	13693550	13693650	901-Lng-B-T	119	chr14:13693550-13693650
chr14	13747950	13748050	1223-Lng-A-T	153	chr14:13747950-13748050
chr14	13967950	13968050	1274-Lng-A-T	57	chr14:13967950-13968050
chr14	14100550	14100650	846-Lng-A-T	53	chr14:14100550-14100650
chr14	14560050	14560150	901-Lng-A-T	355	chr14:14560050-14560150
chr14	14577050	14577150	1152-Lng-A-T	172	chr14:14577050-14577150
chr14	14648250	14648350	1223-Lng-A-T	148	chr14:14648250-14648350
chr14	14815750	14815850	1065-Lng-A-T	73	chr14:14815750-14815850
chr14	14882150	14882250	1065-Lng-C-T	93	chr14:14882150-14882250
chr14	14889950	14890050	1167-Lng-A-T	167	chr14:14889950-14890050
chr14	14904150	14904250	1274-Lng-A-T	95	chr14:14904150-14904250
chr14	14905950	14906050	1223-Lng-A-T	60	chr14:14905950-14906050
chr14	14910450	14910550	846-Lng-A-T	224	chr14:14910450-14910550
chr14	14937350	14937450	1072-Lng-A-T	119	chr14:14937350-14937450
chr14	15007350	15007450	1188-Lng-A-T	43	chr14:15007350-15007450
chr14	15621850	15621950	1090-Lng-A-T	124	chr14:15621850-15621950
chr14	15838750	15838850	1065-Lng-A-T	51	chr14:15838750-15838850
chr14	16397250	16397350	1065-Lng-B-T	89	chr14:16397250-16397350

Table S2: SB Insertion regions

chr14	16451550	16451650	1152-Lng-A-T	417	chr14:16451550-16451650
chr14	16522450	16522550	1274-Lng-A-T	49	chr14:16522450-16522550
chr14	17095550	17095650	1223-Lng-A-T	423	chr14:17095550-17095650
chr14	17099150	17099250	1090-Lng-B-T	1171	chr14:17099150-17099250
chr14	17119450	17119550	1167-Lng-A-T	70	chr14:17119450-17119550
chr14	17194250	17194350	1090-Lng-A-T	57	chr14:17194250-17194350
chr14	17217650	17217750	1188-Lng-A-T	38	chr14:17217650-17217750
chr14	17218650	17218750	1072-Lng-A-T	90	chr14:17218650-17218750
chr14	17228850	17228950	1065-Lng-A-T	81	chr14:17228850-17228950
chr14	17886850	17886950	1090-Lng-B-T	124	chr14:17886850-17886950
chr14	17916450	17916550	1100-Lng-A-T	58	chr14:17916450-17916550
chr14	17917050	17917150	1100-Lng-A-T	120	chr14:17917050-17917150
chr14	17961450	17961550	1100-Lng-A-T	273	chr14:17961450-17961550
chr14	18145350	18145450	901-Lng-C-T	43	chr14:18145350-18145450
chr14	18220050	18220150	901-Lng-C-T	42	chr14:18220050-18220150
chr14	18282150	18282250	1223-Lng-C-T	58	chr14:18282150-18282250
chr14	18503050	18503150	1090-Lng-A-T	57	chr14:18503050-18503150
chr14	18538750	18538850	1152-Lng-A-T	187	chr14:18538750-18538850
chr14	18575450	18575550	1090-Lng-B-T	424	chr14:18575450-18575550
chr14	18683050	18683150	1223-Lng-B-T	37	chr14:18683050-18683150
chr14	18726450	18726550	1100-Lng-A-T	54	chr14:18726450-18726550
chr14	18747450	18747550	1223-Lng-C-T	453	chr14:18747450-18747550
chr14	18805550	18805650	1065-Lng-A-T	41	chr14:18805550-18805650
chr14	18872750	18872850	1072-Lng-A-T	76	chr14:18872750-18872850
chr14	19117950	19118050	1152-Lng-A-T	152	chr14:19117950-19118050
chr14	19119750	19119850	1065-Lng-B-T	70	chr14:19119750-19119850
chr14	19123850	19123950	1167-Lng-A-T	52	chr14:19123850-19123950
chr14	19312450	19312550	901-Lng-C-T	159	chr14:19312450-19312550
chr14	19455250	19455350	1072-Lng-A-T	64	chr14:19455250-19455350
chr14	19476150	19476250	901-Lng-A-T	83	chr14:19476150-19476250
chr14	19485550	19485650	1090-Lng-A-T	105	chr14:19485550-19485650
chr14	19598750	19598850	1004-Lng-A-T	88	chr14:19598750-19598850
chr14	19633750	19633850	1223-Lng-B-T	296	chr14:19633750-19633850
chr14	19666550	19666650	1188-Lng-A-T	149	chr14:19666550-19666650
chr14	19722650	19722750	1223-Lng-B-T	45	chr14:19722650-19722750
chr14	19723750	19723850	1167-Lng-A-T	63	chr14:19723750-19723850
chr14	19941850	19941950	1223-Lng-B-T	302	chr14:19941850-19941950
chr14	19991250	19991350	846-Lng-A-T	96	chr14:19991250-19991350
chr14	20181850	20181950	1004-Lng-A-T	84	chr14:20181850-20181950
chr14	20200550	20200650	1090-Lng-A-T	47	chr14:20200550-20200650
chr14	20234350	20234450	1065-Lng-B-T	50	chr14:20234350-20234450
chr14	20603950	20604050	1065-Lng-B-T	45	chr14:20603950-20604050
chr14	20678050	20678150	1065-Lng-B-T	61	chr14:20678050-20678150
chr14	20927350	20927450	1065-Lng-A-T	61	chr14:20927350-20927450
chr14	21361350	21361450	1223-Lng-C-T	65	chr14:21361350-21361450
chr14	21520250	21520350	1274-Lng-A-T	71	chr14:21520250-21520350

Table S2: SB Insertion regions

chr14	21562550	21562650	1090-Lng-B-T	64	chr14:21562550-21562650
chr14	21580650	21580750	1100-Lng-A-T	142	chr14:21580650-21580750
chr14	21598550	21598650	1223-Lng-C-T	51	chr14:21598550-21598650
chr14	21756850	21756950	1151-Lng-A-T	252	chr14:21756850-21756950
chr14	21795050	21795150	1065-Lng-C-T	72	chr14:21795050-21795150
chr14	21801450	21801550	1152-Lng-A-T	83	chr14:21801450-21801550
chr14	21842550	21842650	1065-Lng-A-T	40	chr14:21842550-21842650
chr14	21846050	21846150	1090-Lng-A-T	56	chr14:21846050-21846150
chr14	21888150	21888250	1274-Lng-A-T	137	chr14:21888150-21888250
chr14	21919350	21919450	1090-Lng-B-T	662	chr14:21919350-21919450
chr14	21941350	21941450	1152-Lng-A-T	49	chr14:21941350-21941450
chr14	22006950	22007050	1065-Lng-B-T	70	chr14:22006950-22007050
chr14	22047850	22047950	1065-Lng-A-T	54	chr14:22047850-22047950
chr14	22084550	22084650	1065-Lng-C-T	161	chr14:22084550-22084650
chr14	22126650	22126750	1188-Lng-A-T	36	chr14:22126650-22126750
chr14	22281450	22281550	901-Lng-D-T	43	chr14:22281450-22281550
chr14	22323950	22324050	1223-Lng-A-T	286	chr14:22323950-22324050
chr14	22369750	22369850	1065-Lng-A-T	40	chr14:22369750-22369850
chr14	22379750	22379850	901-Lng-C-T	68	chr14:22379750-22379850
chr14	22498150	22498250	1223-Lng-D-T	42	chr14:22498150-22498250
chr14	22657550	22657650	1090-Lng-A-T	58	chr14:22657550-22657650
chr14	22669750	22669850	1188-Lng-A-T	176	chr14:22669750-22669850
chr14	22826950	22827050	1188-Lng-A-T	35	chr14:22826950-22827050
chr14	22957050	22957150	1223-Lng-C-T	48	chr14:22957050-22957150
chr14	23059350	23059450	901-Lng-A-T	714	chr14:23059350-23059450
chr14	23119650	23119750	1065-Lng-C-T	92	chr14:23119650-23119750
chr14	23145250	23145350	1065-Lng-B-T	55	chr14:23145250-23145350
chr14	23244850	23244950	901-Lng-A-T	79	chr14:23244850-23244950
chr14	23268450	23268550	1065-Lng-C-T	162	chr14:23268450-23268550
chr14	23275150	23275250	1223-Lng-B-T	34	chr14:23275150-23275250
chr14	23275650	23275750	901-Lng-C-T	57	chr14:23275650-23275750
chr14	23520750	23520850	1188-Lng-A-T	224	chr14:23520750-23520850
chr14	23594150	23594250	1223-Lng-B-T	34	chr14:23594150-23594250
chr14	23627550	23627650	1223-Lng-A-T	123	chr14:23627550-23627650
chr14	23662950	23663050	1090-Lng-A-T	124	chr14:23662950-23663050
chr14	23694750	23694850	1065-Lng-B-T	45	chr14:23694750-23694850
chr14	23721150	23721250	1072-Lng-A-T	222	chr14:23721150-23721250
chr14	23751850	23751950	1100-Lng-A-T	84	chr14:23751850-23751950
chr14	23848450	23848550	1223-Lng-A-T	137	chr14:23848450-23848550
chr14	23986850	23986950	846-Lng-A-T	124	chr14:23986850-23986950
chr14	24011050	24011150	1065-Lng-B-T	220	chr14:24011050-24011150
chr14	24072250	24072350	1274-Lng-A-T	100	chr14:24072250-24072350
chr14	24410550	24410650	1152-Lng-A-T	48	chr14:24410550-24410650
chr14	24949250	24949350	1065-Lng-B-T	74	chr14:24949250-24949350
chr14	25003650	25003750	1090-Lng-B-T	463	chr14:25003650-25003750
chr14	25037850	25037950	901-Lng-A-T	82	chr14:25037850-25037950

Table S2: SB Insertion regions

chr14	25079950	25080050	1152-Lng-A-T	37	chr14:25079950-25080050
chr14	25587650	25587750	1072-Lng-A-T	164	chr14:25587650-25587750
chr14	26183450	26183550	1151-Lng-A-T	79	chr14:26183450-26183550
chr14	26338450	26338550	1065-Lng-B-T	69	chr14:26338450-26338550
chr14	26401850	26401950	1223-Lng-C-T	44	chr14:26401850-26401950
chr14	26403050	26403150	1188-Lng-A-T	50	chr14:26403050-26403150
chr14	26433250	26433350	1152-Lng-A-T	418	chr14:26433250-26433350
chr14	27191350	27191450	1090-Lng-B-T	202	chr14:27191350-27191450
chr14	27242550	27242650	1223-Lng-B-T	151	chr14:27242550-27242650
chr14	27276050	27276150	1223-Lng-B-T	171	chr14:27276050-27276150
chr14	27283650	27283750	1100-Lng-A-T	91	chr14:27283650-27283750
chr14	27302250	27302350	1065-Lng-C-T	75	chr14:27302250-27302350
chr14	27305750	27305850	901-Lng-B-T	66	chr14:27305750-27305850
chr14	27309650	27309750	1223-Lng-C-T	44	chr14:27309650-27309750
chr14	27324250	27324350	1151-Lng-A-T	199	chr14:27324250-27324350
chr14	27332350	27332450	1090-Lng-A-T	50	chr14:27332350-27332450
chr14	27340950	27341050	1100-Lng-A-T	350	chr14:27340950-27341050
chr14	27348550	27348650	1065-Lng-B-T	359	chr14:27348550-27348650
chr14	27351650	27351750	1223-Lng-B-T	197	chr14:27351650-27351750
chr14	27440350	27440450	1223-Lng-C-T	50	chr14:27440350-27440450
chr14	27622050	27622150	1152-Lng-A-T	31	chr14:27622050-27622150
chr14	27639850	27639950	1151-Lng-A-T	105	chr14:27639850-27639950
chr14	27659250	27659350	1274-Lng-A-T	55	chr14:27659250-27659350
chr14	28032850	28032950	1090-Lng-A-T	145	chr14:28032850-28032950
chr14	28275850	28275950	1100-Lng-A-T	64	chr14:28275850-28275950
chr14	28289750	28289850	1100-Lng-A-T	98	chr14:28289750-28289850
chr14	28290650	28290750	901-Lng-A-T	166	chr14:28290650-28290750
chr14	28622850	28622950	846-Lng-A-T	79	chr14:28622850-28622950
chr14	28748750	28748850	1223-Lng-B-T	52	chr14:28748750-28748850
chr14	28884850	28884950	1065-Lng-A-T	56	chr14:28884850-28884950
chr14	28891150	28891250	1090-Lng-A-T	86	chr14:28891150-28891250
chr14	29040350	29040450	1065-Lng-C-T	65	chr14:29040350-29040450
chr14	29482550	29482650	901-Lng-C-T	47	chr14:29482550-29482650
chr14	29556350	29556450	1223-Lng-B-T	274	chr14:29556350-29556450
chr14	29667850	29667950	1223-Lng-B-T	43	chr14:29667850-29667950
chr14	29682950	29683050	1090-Lng-A-T	86	chr14:29682950-29683050
chr14	30035150	30035250	1090-Lng-A-T	53	chr14:30035150-30035250
chr14	30035550	30035650	1004-Lng-A-T	71	chr14:30035550-30035650
chr14	30052250	30052350	1223-Lng-C-T	43	chr14:30052250-30052350
chr14	30156050	30156150	1065-Lng-C-T	96	chr14:30156050-30156150
chr14	30973850	30973950	1100-Lng-B-T	52	chr14:30973850-30973950
chr14	31188350	31188450	1065-Lng-C-T	97	chr14:31188350-31188450
chr14	31234750	31234850	1065-Lng-B-T	39	chr14:31234750-31234850
chr14	31338550	31338650	1100-Lng-A-T	1258	chr14:31338550-31338650
chr14	31369050	31369150	1072-Lng-A-T	66	chr14:31369050-31369150
chr14	31426350	31426450	1065-Lng-C-T	68	chr14:31426350-31426450

Table S2: SB Insertion regions

chr14	31428450	31428550	1065-Lng-C-T	107	chr14:31428450-31428550
chr14	31480850	31480950	1223-Lng-B-T	50	chr14:31480850-31480950
chr14	31510550	31510650	1004-Lng-A-T	662	chr14:31510550-31510650
chr14	31577250	31577350	1274-Lng-A-T	172	chr14:31577250-31577350
chr14	31584350	31584450	901-Lng-C-T	31	chr14:31584350-31584450
chr14	31628250	31628350	1100-Lng-A-T	96	chr14:31628250-31628350
chr14	31646650	31646750	1090-Lng-B-T	520	chr14:31646650-31646750
chr14	31673650	31673750	1100-Lng-A-T	84	chr14:31673650-31673750
chr14	31678750	31678850	1100-Lng-A-T	59	chr14:31678750-31678850
chr14	31838250	31838350	901-Lng-B-T	151	chr14:31838250-31838350
chr14	31844350	31844450	1188-Lng-A-T	220	chr14:31844350-31844450
chr14	31869850	31869950	1065-Lng-B-T	39	chr14:31869850-31869950
chr14	31875850	31875950	1152-Lng-A-T	46	chr14:31875850-31875950
chr14	31881950	31882050	1274-Lng-A-T	228	chr14:31881950-31882050
chr14	31884750	31884850	1100-Lng-B-T	13601	chr14:31884750-31884850
chr14	31885550	31885650	1223-Lng-B-T	49	chr14:31885550-31885650
chr14	31905450	31905550	901-Lng-C-T	86	chr14:31905450-31905550
chr14	31925650	31925750	1188-Lng-A-T	445	chr14:31925650-31925750
chr14	32038250	32038350	1100-Lng-A-T	74	chr14:32038250-32038350
chr14	32171550	32171650	1151-Lng-A-T	269	chr14:32171550-32171650
chr14	32624450	32624550	901-Lng-C-T	55	chr14:32624450-32624550
chr14	32628150	32628250	901-Lng-A-T	78	chr14:32628150-32628250
chr14	32984750	32984850	901-Lng-A-T	314	chr14:32984750-32984850
chr14	33006250	33006350	1223-Lng-D-T	72	chr14:33006250-33006350
chr14	33094550	33094650	1223-Lng-C-T	61	chr14:33094550-33094650
chr14	33096250	33096350	1223-Lng-B-T	43	chr14:33096250-33096350
chr14	33334750	33334850	1151-Lng-A-T	54	chr14:33334750-33334850
chr14	33626250	33626350	1090-Lng-B-T	251	chr14:33626250-33626350
chr14	33630450	33630550	1065-Lng-A-T	123	chr14:33630450-33630550
chr14	33698050	33698150	1065-Lng-A-T	233	chr14:33698050-33698150
chr14	34197250	34197350	1223-Lng-A-T	66	chr14:34197250-34197350
chr14	34249950	34250050	1188-Lng-A-T	50	chr14:34249950-34250050
chr14	34421050	34421150	1274-Lng-A-T	56	chr14:34421050-34421150
chr14	34721250	34721350	1090-Lng-A-T	72	chr14:34721250-34721350
chr14	35054050	35054150	1004-Lng-A-T	118	chr14:35054050-35054150
chr14	35059650	35059750	1004-Lng-A-T	57	chr14:35059650-35059750
chr14	35103550	35103650	1274-Lng-A-T	68	chr14:35103550-35103650
chr14	35112250	35112350	1065-Lng-C-T	62	chr14:35112250-35112350
chr14	35218650	35218750	901-Lng-C-T	38	chr14:35218650-35218750
chr14	35226050	35226150	1151-Lng-A-T	107	chr14:35226050-35226150
chr14	35243150	35243250	1223-Lng-C-T	45	chr14:35243150-35243250
chr14	35256350	35256450	1223-Lng-B-T	46	chr14:35256350-35256450
chr14	35281850	35281950	1151-Lng-A-T	65	chr14:35281850-35281950
chr14	35286450	35286550	1188-Lng-A-T	41	chr14:35286450-35286550
chr14	35462750	35462850	1004-Lng-A-T	88	chr14:35462750-35462850
chr14	35488750	35488850	1090-Lng-A-T	64	chr14:35488750-35488850

Table S2: SB Insertion regions

chr14	35499950	35500050	901-Lng-B-T	82	chr14:35499950-35500050
chr14	35503050	35503150	901-Lng-C-T	59	chr14:35503050-35503150
chr14	35504350	35504450	1065-Lng-B-T	52	chr14:35504350-35504450
chr14	35509350	35509450	1004-Lng-A-T	108	chr14:35509350-35509450
chr14	35523450	35523550	1072-Lng-A-T	55	chr14:35523450-35523550
chr14	35524850	35524950	1223-Lng-C-T	47	chr14:35524850-35524950
chr14	35553050	35553150	1223-Lng-B-T	47	chr14:35553050-35553150
chr14	35637550	35637650	901-Lng-C-T	44	chr14:35637550-35637650
chr14	35813250	35813350	846-Lng-A-T	299	chr14:35813250-35813350
chr14	35817150	35817250	1274-Lng-A-T	55	chr14:35817150-35817250
chr14	35895450	35895550	1004-Lng-A-T	58	chr14:35895450-35895550
chr14	36208650	36208750	901-Lng-C-T	55	chr14:36208650-36208750
chr14	36311950	36312050	1223-Lng-B-T	200	chr14:36311950-36312050
chr14	36639350	36639450	1065-Lng-A-T	65	chr14:36639350-36639450
chr14	36829150	36829250	1004-Lng-A-T	53	chr14:36829150-36829250
chr14	36946650	36946750	901-Lng-C-T	169	chr14:36946650-36946750
chr14	37004150	37004250	1152-Lng-A-T	217	chr14:37004150-37004250
chr14	37383550	37383650	1072-Lng-A-T	49	chr14:37383550-37383650
chr14	37489350	37489450	846-Lng-A-T	116	chr14:37489350-37489450
chr14	37558350	37558450	901-Lng-A-T	77	chr14:37558350-37558450
chr14	37701550	37701650	846-Lng-A-T	123	chr14:37701550-37701650
chr14	37710250	37710350	901-Lng-B-T	256	chr14:37710250-37710350
chr14	37712350	37712450	901-Lng-B-T	166	chr14:37712350-37712450
chr14	37752550	37752650	901-Lng-B-T	177	chr14:37752550-37752650
chr14	37794450	37794550	1065-Lng-C-T	80	chr14:37794450-37794550
chr14	37832550	37832650	901-Lng-C-T	77	chr14:37832550-37832650
chr14	37912750	37912850	901-Lng-A-T	334	chr14:37912750-37912850
chr14	37933750	37933850	1167-Lng-A-T	76	chr14:37933750-37933850
chr14	37977150	37977250	1152-Lng-A-T	52	chr14:37977150-37977250
chr14	38124350	38124450	1072-Lng-A-T	79	chr14:38124350-38124450
chr14	38367250	38367350	1188-Lng-A-T	109	chr14:38367250-38367350
chr14	38549850	38549950	901-Lng-A-T	69	chr14:38549850-38549950
chr14	38771150	38771250	1065-Lng-A-T	58	chr14:38771150-38771250
chr14	38934150	38934250	1223-Lng-B-T	407	chr14:38934150-38934250
chr14	39055650	39055750	1274-Lng-A-T	54	chr14:39055650-39055750
chr14	39382450	39382550	846-Lng-A-T	58	chr14:39382450-39382550
chr14	39846150	39846250	1065-Lng-B-T	115	chr14:39846150-39846250
chr14	40127050	40127150	901-Lng-A-T	350	chr14:40127050-40127150
chr14	40171550	40171650	1090-Lng-B-T	147	chr14:40171550-40171650
chr14	40675150	40675250	1090-Lng-A-T	78	chr14:40675150-40675250
chr14	41326650	41326750	901-Lng-A-T	83	chr14:41326650-41326750
chr14	41720950	41721050	1065-Lng-B-T	58	chr14:41720950-41721050
chr14	41895950	41896050	901-Lng-D-T	76	chr14:41895950-41896050
chr14	41972450	41972550	901-Lng-B-T	64	chr14:41972450-41972550
chr14	43952350	43952450	1223-Lng-B-T	61	chr14:43952350-43952450
chr14	44011150	44011250	1274-Lng-A-T	57	chr14:44011150-44011250

Table S2: SB Insertion regions

chr14	45484650	45484750	1090-Lng-A-T	58	chr14:45484650-45484750
chr14	45542450	45542550	1004-Lng-A-T	63	chr14:45542450-45542550
chr14	45745750	45745850	1223-Lng-B-T	1523	chr14:45745750-45745850
chr14	45918850	45918950	901-Lng-B-T	102	chr14:45918850-45918950
chr14	45941550	45941650	1223-Lng-B-T	35	chr14:45941550-45941650
chr14	45945650	45945750	1223-Lng-D-T	40	chr14:45945650-45945750
chr14	45962750	45962850	1167-Lng-A-T	49	chr14:45962750-45962850
chr14	46228750	46228850	1072-Lng-A-T	109	chr14:46228750-46228850
chr14	46245450	46245550	1072-Lng-A-T	285	chr14:46245450-46245550
chr14	46259350	46259450	901-Lng-A-T	131	chr14:46259350-46259450
chr14	46563750	46563850	1065-Lng-A-T	52	chr14:46563750-46563850
chr14	46592850	46592950	1152-Lng-A-T	42	chr14:46592850-46592950
chr14	46600850	46600950	1065-Lng-C-T	89	chr14:46600850-46600950
chr14	46757150	46757250	901-Lng-A-T	74	chr14:46757150-46757250
chr14	46871550	46871650	1090-Lng-A-T	53	chr14:46871550-46871650
chr14	46940250	46940350	901-Lng-C-T	38	chr14:46940250-46940350
chr14	47004650	47004750	1152-Lng-A-T	368	chr14:47004650-47004750
chr14	47068550	47068650	1090-Lng-A-T	44	chr14:47068550-47068650
chr14	47473150	47473250	1065-Lng-B-T	96	chr14:47473150-47473250
chr14	47596550	47596650	901-Lng-C-T	272	chr14:47596550-47596650
chr14	47650950	47651050	1065-Lng-A-T	36	chr14:47650950-47651050
chr14	47670150	47670250	1090-Lng-A-T	62	chr14:47670150-47670250
chr14	47772650	47772750	901-Lng-A-T	100	chr14:47772650-47772750
chr14	47799550	47799650	901-Lng-C-T	162	chr14:47799550-47799650
chr14	47810450	47810550	1152-Lng-A-T	49	chr14:47810450-47810550
chr14	47920250	47920350	1065-Lng-A-T	44	chr14:47920250-47920350
chr14	48004250	48004350	1151-Lng-A-T	347	chr14:48004250-48004350
chr14	48119550	48119650	1223-Lng-C-T	131	chr14:48119550-48119650
chr14	48141650	48141750	1151-Lng-A-T	229	chr14:48141650-48141750
chr14	48327250	48327350	1151-Lng-A-T	313	chr14:48327250-48327350
chr14	48331750	48331850	1065-Lng-A-T	233	chr14:48331750-48331850
chr14	48338350	48338450	1151-Lng-A-T	175	chr14:48338350-48338450
chr14	48513750	48513850	1223-Lng-A-T	114	chr14:48513750-48513850
chr14	48608950	48609050	901-Lng-A-T	75	chr14:48608950-48609050
chr14	48717050	48717150	846-Lng-A-T	71	chr14:48717050-48717150
chr14	48726050	48726150	1223-Lng-C-T	50	chr14:48726050-48726150
chr14	48739150	48739250	901-Lng-D-T	743	chr14:48739150-48739250
chr14	48814150	48814250	1223-Lng-A-T	188	chr14:48814150-48814250
chr14	48868450	48868550	901-Lng-C-T	35	chr14:48868450-48868550
chr14	48921750	48921850	901-Lng-D-T	260	chr14:48921750-48921850
chr14	48926150	48926250	1223-Lng-B-T	154	chr14:48926150-48926250
chr14	49002750	49002850	846-Lng-A-T	210	chr14:49002750-49002850
chr14	49067050	49067150	1152-Lng-A-T	43	chr14:49067050-49067150
chr14	49078850	49078950	1004-Lng-A-T	75	chr14:49078850-49078950
chr14	49102450	49102550	901-Lng-D-T	48	chr14:49102450-49102550
chr14	49431950	49432050	1004-Lng-A-T	73	chr14:49431950-49432050

Table S2: SB Insertion regions

chr14	49523550	49523650	901-Lng-C-T	290	chr14:49523550-49523650
chr14	49634850	49634950	1065-Lng-A-T	39	chr14:49634850-49634950
chr14	49644050	49644150	1065-Lng-C-T	430	chr14:49644050-49644150
chr14	49667550	49667650	1072-Lng-A-T	177	chr14:49667550-49667650
chr14	49668850	49668950	1065-Lng-B-T	57	chr14:49668850-49668950
chr14	49793450	49793550	901-Lng-C-T	35	chr14:49793450-49793550
chr14	49803950	49804050	1223-Lng-B-T	50	chr14:49803950-49804050
chr14	49826150	49826250	1065-Lng-B-T	265	chr14:49826150-49826250
chr14	49938250	49938350	846-Lng-A-T	98	chr14:49938250-49938350
chr14	50265450	50265550	1065-Lng-A-T	36	chr14:50265450-50265550
chr14	50647850	50647950	846-Lng-A-T	63	chr14:50647850-50647950
chr14	50758150	50758250	1065-Lng-B-T	89	chr14:50758150-50758250
chr14	50817950	50818050	1100-Lng-A-T	51	chr14:50817950-50818050
chr14	51141150	51141250	901-Lng-C-T	36	chr14:51141150-51141250
chr14	51142950	51143050	1274-Lng-A-T	79	chr14:51142950-51143050
chr14	51307250	51307350	1188-Lng-A-T	249	chr14:51307250-51307350
chr14	51387850	51387950	1072-Lng-A-T	65	chr14:51387850-51387950
chr14	51418250	51418350	1152-Lng-A-T	79	chr14:51418250-51418350
chr14	52216150	52216250	1004-Lng-A-T	78	chr14:52216150-52216250
chr14	52393850	52393950	901-Lng-B-T	70	chr14:52393850-52393950
chr14	52423850	52423950	1223-Lng-C-T	49	chr14:52423850-52423950
chr14	52586850	52586950	1151-Lng-A-T	404	chr14:52586850-52586950
chr14	52619150	52619250	1065-Lng-C-T	87	chr14:52619150-52619250
chr14	52688850	52688950	1065-Lng-A-T	77	chr14:52688850-52688950
chr14	52699350	52699450	1151-Lng-A-T	74	chr14:52699350-52699450
chr14	52704150	52704250	1100-Lng-A-T	64	chr14:52704150-52704250
chr14	52719750	52719850	1223-Lng-B-T	277	chr14:52719750-52719850
chr14	52843950	52844050	1072-Lng-A-T	50	chr14:52843950-52844050
chr14	52850450	52850550	1223-Lng-D-T	82	chr14:52850450-52850550
chr14	52874450	52874550	1223-Lng-B-T	193	chr14:52874450-52874550
chr14	52902450	52902550	1167-Lng-A-T	94	chr14:52902450-52902550
chr14	53117150	53117250	1004-Lng-A-T	81	chr14:53117150-53117250
chr14	53299250	53299350	1065-Lng-A-T	71	chr14:53299250-53299350
chr14	53375050	53375150	901-Lng-B-T	259	chr14:53375050-53375150
chr14	53697850	53697950	1152-Lng-A-T	80	chr14:53697850-53697950
chr14	54548250	54548350	1065-Lng-A-T	864	chr14:54548250-54548350
chr14	54716950	54717050	1223-Lng-A-T	798	chr14:54716950-54717050
chr14	54798950	54799050	1090-Lng-B-T	1005	chr14:54798950-54799050
chr14	55021850	55021950	1090-Lng-A-T	89	chr14:55021850-55021950
chr14	55089550	55089650	1065-Lng-B-T	43	chr14:55089550-55089650
chr14	55281850	55281950	1223-Lng-A-T	57	chr14:55281850-55281950
chr14	55291150	55291250	1274-Lng-A-T	143	chr14:55291150-55291250
chr14	55297550	55297650	1152-Lng-A-T	96	chr14:55297550-55297650
chr14	55405350	55405450	1004-Lng-A-T	52	chr14:55405350-55405450
chr14	55481350	55481450	1065-Lng-C-T	971	chr14:55481350-55481450
chr14	55508650	55508750	901-Lng-A-T	633	chr14:55508650-55508750

Table S2: SB Insertion regions

chr14	55982050	55982150	1223-Lng-B-T	53	chr14:55982050-55982150
chr14	56150050	56150150	1072-Lng-A-T	226	chr14:56150050-56150150
chr14	56187150	56187250	901-Lng-B-T	38	chr14:56187150-56187250
chr14	56512450	56512550	901-Lng-A-T	76	chr14:56512450-56512550
chr14	57018850	57018950	1100-Lng-A-T	118	chr14:57018850-57018950
chr14	57249950	57250050	1223-Lng-D-T	44	chr14:57249950-57250050
chr14	57277050	57277150	901-Lng-C-T	299	chr14:57277050-57277150
chr14	57309550	57309650	1100-Lng-A-T	129	chr14:57309550-57309650
chr14	57345950	57346050	1223-Lng-D-T	1059	chr14:57345950-57346050
chr14	57361550	57361650	901-Lng-C-T	110	chr14:57361550-57361650
chr14	57392350	57392450	1151-Lng-A-T	264	chr14:57392350-57392450
chr14	57394650	57394750	1065-Lng-B-T	223	chr14:57394650-57394750
chr14	57528550	57528650	1004-Lng-A-T	84	chr14:57528550-57528650
chr14	57558450	57558550	1065-Lng-A-T	53	chr14:57558450-57558550
chr14	57567250	57567350	1090-Lng-A-T	866	chr14:57567250-57567350
chr14	57671150	57671250	1100-Lng-A-T	92	chr14:57671150-57671250
chr14	57684150	57684250	1223-Lng-D-T	42	chr14:57684150-57684250
chr14	57866850	57866950	1151-Lng-A-T	75	chr14:57866850-57866950
chr14	57958650	57958750	1151-Lng-A-T	54	chr14:57958650-57958750
chr14	58086250	58086350	1223-Lng-C-T	53	chr14:58086250-58086350
chr14	58137650	58137750	901-Lng-C-T	131	chr14:58137650-58137750
chr14	58249650	58249750	1100-Lng-A-T	51	chr14:58249650-58249750
chr14	58374550	58374650	846-Lng-A-T	85	chr14:58374550-58374650
chr14	58467950	58468050	1152-Lng-A-T	319	chr14:58467950-58468050
chr14	58479450	58479550	1223-Lng-B-T	70	chr14:58479450-58479550
chr14	58484850	58484950	1065-Lng-B-T	45	chr14:58484850-58484950
chr14	58512550	58512650	1274-Lng-A-T	145	chr14:58512550-58512650
chr14	58583350	58583450	1100-Lng-A-T	885	chr14:58583350-58583450
chr14	58614850	58614950	1223-Lng-C-T	48	chr14:58614850-58614950
chr14	58664250	58664350	901-Lng-C-T	48	chr14:58664250-58664350
chr14	58794850	58794950	901-Lng-D-T	189	chr14:58794850-58794950
chr14	58806350	58806450	1065-Lng-A-T	270	chr14:58806350-58806450
chr14	59116150	59116250	901-Lng-C-T	35	chr14:59116150-59116250
chr14	59872150	59872250	1065-Lng-C-T	71	chr14:59872150-59872250
chr14	59971650	59971750	1065-Lng-B-T	64	chr14:59971650-59971750
chr14	60147250	60147350	1072-Lng-A-T	57	chr14:60147250-60147350
chr14	60157750	60157850	1188-Lng-A-T	34	chr14:60157750-60157850
chr14	61258550	61258650	1223-Lng-D-T	43	chr14:61258550-61258650
chr14	61260350	61260450	901-Lng-A-T	119	chr14:61260350-61260450
chr14	61284450	61284550	1223-Lng-B-T	47	chr14:61284450-61284550
chr14	61330250	61330350	1188-Lng-A-T	57	chr14:61330250-61330350
chr14	61393450	61393550	1188-Lng-A-T	308	chr14:61393450-61393550
chr14	61461250	61461350	901-Lng-B-T	84	chr14:61461250-61461350
chr14	61527950	61528050	901-Lng-C-T	32	chr14:61527950-61528050
chr14	61605750	61605850	1223-Lng-C-T	54	chr14:61605750-61605850
chr14	61982250	61982350	901-Lng-D-T	157	chr14:61982250-61982350

Table S2: SB Insertion regions

chr14	62032350	62032450	1223-Lng-B-T	42	chr14:62032350-62032450
chr14	62036350	62036450	1065-Lng-A-T	290	chr14:62036350-62036450
chr14	62040150	62040250	1223-Lng-C-T	131	chr14:62040150-62040250
chr14	62043250	62043350	1223-Lng-D-T	45	chr14:62043250-62043350
chr14	62242450	62242550	1167-Lng-A-T	54	chr14:62242450-62242550
chr14	62251350	62251450	1065-Lng-C-T	1064	chr14:62251350-62251450
chr14	62256450	62256550	1223-Lng-A-T	1888	chr14:62256450-62256550
chr14	62281350	62281450	1090-Lng-B-T	528	chr14:62281350-62281450
chr14	62339650	62339750	1090-Lng-A-T	152	chr14:62339650-62339750
chr14	62749450	62749550	1065-Lng-C-T	74	chr14:62749450-62749550
chr14	63138150	63138250	1151-Lng-A-T	54	chr14:63138150-63138250
chr14	63321450	63321550	1167-Lng-A-T	109	chr14:63321450-63321550
chr14	63325250	63325350	846-Lng-A-T	48	chr14:63325250-63325350
chr14	63341350	63341450	1223-Lng-D-T	45	chr14:63341350-63341450
chr14	63351150	63351250	1090-Lng-A-T	77	chr14:63351150-63351250
chr14	63352950	63353050	1274-Lng-A-T	432	chr14:63352950-63353050
chr14	63360650	63360750	1223-Lng-B-T	46	chr14:63360650-63360750
chr14	63368050	63368150	1100-Lng-A-T	78	chr14:63368050-63368150
chr14	63368250	63368350	1100-Lng-A-T	108	chr14:63368250-63368350
chr14	63463550	63463650	1100-Lng-A-T	83	chr14:63463550-63463650
chr14	63495150	63495250	1274-Lng-A-T	75	chr14:63495150-63495250
chr14	63536350	63536450	1072-Lng-A-T	48	chr14:63536350-63536450
chr14	63779950	63780050	1152-Lng-A-T	60	chr14:63779950-63780050
chr14	63844250	63844350	1223-Lng-C-T	45	chr14:63844250-63844350
chr14	64082050	64082150	1152-Lng-A-T	49	chr14:64082050-64082150
chr14	64161750	64161850	1090-Lng-A-T	50	chr14:64161750-64161850
chr14	65118850	65118950	1167-Lng-A-T	60	chr14:65118850-65118950
chr14	65240650	65240750	1065-Lng-B-T	44	chr14:65240650-65240750
chr14	65334850	65334950	1004-Lng-A-T	74	chr14:65334850-65334950
chr14	65385650	65385750	1274-Lng-A-T	121	chr14:65385650-65385750
chr14	65393550	65393650	901-Lng-A-T	87	chr14:65393550-65393650
chr14	65534550	65534650	1151-Lng-A-T	276	chr14:65534550-65534650
chr14	65545850	65545950	846-Lng-A-T	115	chr14:65545850-65545950
chr14	65559350	65559450	1090-Lng-A-T	49	chr14:65559350-65559450
chr14	65706950	65707050	1223-Lng-B-T	59	chr14:65706950-65707050
chr14	65894350	65894450	1223-Lng-C-T	49	chr14:65894350-65894450
chr14	66016450	66016550	1274-Lng-A-T	69	chr14:66016450-66016550
chr14	66079450	66079550	1223-Lng-D-T	41	chr14:66079450-66079550
chr14	66188150	66188250	1223-Lng-C-T	89	chr14:66188150-66188250
chr14	66194350	66194450	1151-Lng-A-T	238	chr14:66194350-66194450
chr14	66411050	66411150	901-Lng-C-T	61	chr14:66411050-66411150
chr14	66544350	66544450	1072-Lng-A-T	67	chr14:66544350-66544450
chr14	67272850	67272950	1223-Lng-A-T	113	chr14:67272850-67272950
chr14	67409250	67409350	1065-Lng-A-T	418	chr14:67409250-67409350
chr14	67481750	67481850	1072-Lng-A-T	103	chr14:67481750-67481850
chr14	67542850	67542950	1100-Lng-A-T	52	chr14:67542850-67542950

Table S2: SB Insertion regions

chr14	67625050	67625150	1100-Lng-A-T	60	chr14:67625050-67625150
chr14	67658450	67658550	1274-Lng-A-T	169	chr14:67658450-67658550
chr14	67687450	67687550	1065-Lng-A-T	119	chr14:67687450-67687550
chr14	68025350	68025450	1090-Lng-A-T	913	chr14:68025350-68025450
chr14	68106450	68106550	1223-Lng-D-T	85	chr14:68106450-68106550
chr14	68201050	68201150	1065-Lng-A-T	53	chr14:68201050-68201150
chr14	68375650	68375750	1090-Lng-A-T	46	chr14:68375650-68375750
chr14	68376250	68376350	1090-Lng-A-T	57	chr14:68376250-68376350
chr14	68376350	68376450	1274-Lng-A-T	6463	chr14:68376350-68376450
chr14	68422150	68422250	1223-Lng-D-T	50	chr14:68422150-68422250
chr14	68424750	68424850	1223-Lng-B-T	49	chr14:68424750-68424850
chr14	68500350	68500450	1188-Lng-A-T	42	chr14:68500350-68500450
chr14	68509050	68509150	901-Lng-C-T	228	chr14:68509050-68509150
chr14	68596250	68596350	1167-Lng-A-T	2221	chr14:68596250-68596350
chr14	69067850	69067950	1274-Lng-A-T	57	chr14:69067850-69067950
chr14	69143850	69143950	1065-Lng-B-T	40	chr14:69143850-69143950
chr14	69247750	69247850	1065-Lng-B-T	55	chr14:69247750-69247850
chr14	69438850	69438950	1065-Lng-B-T	94	chr14:69438850-69438950
chr14	69516350	69516450	1223-Lng-A-T	60	chr14:69516350-69516450
chr14	69765950	69766050	846-Lng-A-T	110	chr14:69765950-69766050
chr14	70012350	70012450	901-Lng-C-T	94	chr14:70012350-70012450
chr14	70352050	70352150	1072-Lng-A-T	115	chr14:70352050-70352150
chr14	70515950	70516050	846-Lng-A-T	73	chr14:70515950-70516050
chr14	70536350	70536450	1090-Lng-A-T	50	chr14:70536350-70536450
chr14	70557750	70557850	1223-Lng-A-T	141	chr14:70557750-70557850
chr14	70627950	70628050	1223-Lng-D-T	44	chr14:70627950-70628050
chr14	70677950	70678050	1065-Lng-B-T	48	chr14:70677950-70678050
chr14	70699150	70699250	1274-Lng-A-T	112	chr14:70699150-70699250
chr14	70743750	70743850	1072-Lng-A-T	145	chr14:70743750-70743850
chr14	70875550	70875650	1100-Lng-A-T	114	chr14:70875550-70875650
chr14	71049550	71049650	1152-Lng-A-T	387	chr14:71049550-71049650
chr14	71072450	71072550	901-Lng-A-T	153	chr14:71072450-71072550
chr14	71119250	71119350	1004-Lng-A-T	65	chr14:71119250-71119350
chr14	71390850	71390950	1223-Lng-B-T	36	chr14:71390850-71390950
chr14	71778550	71778650	1151-Lng-A-T	129	chr14:71778550-71778650
chr14	71952450	71952550	846-Lng-A-T	85	chr14:71952450-71952550
chr14	71967550	71967650	1223-Lng-D-T	42	chr14:71967550-71967650
chr14	71985650	71985750	1065-Lng-A-T	82	chr14:71985650-71985750
chr14	72145950	72146050	846-Lng-A-T	93	chr14:72145950-72146050
chr14	72233850	72233950	901-Lng-B-T	135	chr14:72233850-72233950
chr14	72243850	72243950	901-Lng-C-T	64	chr14:72243850-72243950
chr14	72628450	72628550	1223-Lng-B-T	53	chr14:72628450-72628550
chr14	72834550	72834650	901-Lng-C-T	33	chr14:72834550-72834650
chr14	72915750	72915850	1004-Lng-A-T	52	chr14:72915750-72915850
chr14	72952750	72952850	1152-Lng-A-T	56	chr14:72952750-72952850
chr14	73023550	73023650	1223-Lng-C-T	467	chr14:73023550-73023650

Table S2: SB Insertion regions

chr14	73097150	73097250	1274-Lng-A-T	77	chr14:73097150-73097250
chr14	73126850	73126950	1004-Lng-A-T	76	chr14:73126850-73126950
chr14	73454950	73455050	901-Lng-A-T	110	chr14:73454950-73455050
chr14	73463150	73463250	1065-Lng-B-T	45	chr14:73463150-73463250
chr14	73539850	73539950	1167-Lng-A-T	99	chr14:73539850-73539950
chr14	73568250	73568350	1072-Lng-A-T	57	chr14:73568250-73568350
chr14	73585050	73585150	1072-Lng-A-T	90	chr14:73585050-73585150
chr14	73640050	73640150	1223-Lng-D-T	68	chr14:73640050-73640150
chr14	73717250	73717350	1065-Lng-B-T	69	chr14:73717250-73717350
chr14	73764950	73765050	1090-Lng-A-T	50	chr14:73764950-73765050
chr14	73766350	73766450	901-Lng-A-T	62	chr14:73766350-73766450
chr14	73767050	73767150	901-Lng-C-T	29	chr14:73767050-73767150
chr14	73777550	73777650	901-Lng-A-T	171	chr14:73777550-73777650
chr14	73780950	73781050	1065-Lng-B-T	60	chr14:73780950-73781050
chr14	73841850	73841950	901-Lng-C-T	2099	chr14:73841850-73841950
chr14	73991150	73991250	1065-Lng-B-T	477	chr14:73991150-73991250
chr14	74080050	74080150	901-Lng-B-T	45	chr14:74080050-74080150
chr14	74316750	74316850	846-Lng-A-T	608	chr14:74316750-74316850
chr14	74854550	74854650	1151-Lng-A-T	116	chr14:74854550-74854650
chr14	75016950	75017050	1152-Lng-A-T	192	chr14:75016950-75017050
chr14	75184550	75184650	1223-Lng-A-T	679	chr14:75184550-75184650
chr14	75205350	75205450	1223-Lng-D-T	323	chr14:75205350-75205450
chr14	75250750	75250850	1223-Lng-D-T	50	chr14:75250750-75250850
chr14	75316750	75316850	1152-Lng-A-T	95	chr14:75316750-75316850
chr14	75403150	75403250	901-Lng-C-T	45	chr14:75403150-75403250
chr14	75525650	75525750	1188-Lng-A-T	66	chr14:75525650-75525750
chr14	75563450	75563550	1223-Lng-D-T	97	chr14:75563450-75563550
chr14	75589250	75589350	1072-Lng-A-T	121	chr14:75589250-75589350
chr14	75621250	75621350	1223-Lng-C-T	58	chr14:75621250-75621350
chr14	75709950	75710050	1223-Lng-B-T	40	chr14:75709950-75710050
chr14	75770350	75770450	901-Lng-C-T	82	chr14:75770350-75770450
chr14	76082750	76082850	901-Lng-A-T	50	chr14:76082750-76082850
chr14	76128950	76129050	901-Lng-D-T	458	chr14:76128950-76129050
chr14	76131950	76132050	901-Lng-A-T	59	chr14:76131950-76132050
chr14	76134750	76134850	901-Lng-C-T	40	chr14:76134750-76134850
chr14	76138250	76138350	1072-Lng-A-T	162	chr14:76138250-76138350
chr14	76283150	76283250	1004-Lng-A-T	67	chr14:76283150-76283250
chr14	76323950	76324050	1090-Lng-A-T	102	chr14:76323950-76324050
chr14	76337550	76337650	1274-Lng-A-T	78	chr14:76337550-76337650
chr14	76380650	76380750	1167-Lng-A-T	56	chr14:76380650-76380750
chr14	76387450	76387550	1151-Lng-A-T	85	chr14:76387450-76387550
chr14	76481050	76481150	1223-Lng-B-T	40	chr14:76481050-76481150
chr14	76519150	76519250	1065-Lng-B-T	88	chr14:76519150-76519250
chr14	76780850	76780950	1065-Lng-A-T	44	chr14:76780850-76780950
chr14	76788750	76788850	1065-Lng-C-T	81	chr14:76788750-76788850
chr14	76864550	76864650	1004-Lng-A-T	78	chr14:76864550-76864650

Table S2: SB Insertion regions

chr14	77008650	77008750	1090-Lng-A-T	83	chr14:77008650-77008750
chr14	77181650	77181750	1004-Lng-A-T	284	chr14:77181650-77181750
chr14	77381250	77381350	901-Lng-B-T	76	chr14:77381250-77381350
chr14	77437550	77437650	1065-Lng-A-T	47	chr14:77437550-77437650
chr14	77485250	77485350	1152-Lng-A-T	45	chr14:77485250-77485350
chr14	77949250	77949350	901-Lng-A-T	174	chr14:77949250-77949350
chr14	78158150	78158250	1065-Lng-A-T	80	chr14:78158150-78158250
chr14	78382350	78382450	1152-Lng-A-T	78	chr14:78382350-78382450
chr14	78819250	78819350	1223-Lng-A-T	54	chr14:78819250-78819350
chr14	78888850	78888950	1274-Lng-A-T	65	chr14:78888850-78888950
chr14	78902650	78902750	1223-Lng-C-T	47	chr14:78902650-78902750
chr14	78910050	78910150	1100-Lng-B-T	53	chr14:78910050-78910150
chr14	79338150	79338250	1004-Lng-A-T	61	chr14:79338150-79338250
chr14	79361150	79361250	901-Lng-D-T	783	chr14:79361150-79361250
chr14	79361650	79361750	846-Lng-A-T	109	chr14:79361650-79361750
chr14	79394450	79394550	1223-Lng-D-T	50	chr14:79394450-79394550
chr14	79483950	79484050	1223-Lng-C-T	1738	chr14:79483950-79484050
chr14	79492950	79493050	1274-Lng-A-T	69	chr14:79492950-79493050
chr14	79541750	79541850	1223-Lng-D-T	51	chr14:79541750-79541850
chr14	79682150	79682250	1090-Lng-B-T	131	chr14:79682150-79682250
chr14	79724450	79724550	1072-Lng-A-T	57	chr14:79724450-79724550
chr14	79736550	79736650	1188-Lng-A-T	40	chr14:79736550-79736650
chr14	79745450	79745550	1223-Lng-B-T	111	chr14:79745450-79745550
chr14	79747250	79747350	901-Lng-A-T	69	chr14:79747250-79747350
chr14	79776950	79777050	1065-Lng-C-T	70	chr14:79776950-79777050
chr14	79886750	79886850	1223-Lng-B-T	35	chr14:79886750-79886850
chr14	79902950	79903050	1065-Lng-A-T	69	chr14:79902950-79903050
chr14	79942650	79942750	1152-Lng-A-T	53	chr14:79942650-79942750
chr14	79950550	79950650	1152-Lng-A-T	33	chr14:79950550-79950650
chr14	79957150	79957250	1223-Lng-B-T	178	chr14:79957150-79957250
chr14	79983150	79983250	1223-Lng-B-T	47	chr14:79983150-79983250
chr14	79988350	79988450	1167-Lng-A-T	154	chr14:79988350-79988450
chr14	80056950	80057050	846-Lng-A-T	179	chr14:80056950-80057050
chr14	80314150	80314250	1223-Lng-A-T	99	chr14:80314150-80314250
chr14	80401150	80401250	846-Lng-A-T	46	chr14:80401150-80401250
chr14	80736250	80736350	1065-Lng-B-T	96	chr14:80736250-80736350
chr14	80736350	80736450	1065-Lng-A-T	80	chr14:80736350-80736450
chr14	80743850	80743950	1065-Lng-A-T	79	chr14:80743850-80743950
chr14	80963650	80963750	1223-Lng-A-T	67	chr14:80963650-80963750
chr14	80978850	80978950	1065-Lng-B-T	97	chr14:80978850-80978950
chr14	81016050	81016150	1004-Lng-A-T	934	chr14:81016050-81016150
chr14	81039350	81039450	901-Lng-B-T	67	chr14:81039350-81039450
chr14	81264950	81265050	1090-Lng-A-T	439	chr14:81264950-81265050
chr14	81342750	81342850	1152-Lng-A-T	34	chr14:81342750-81342850
chr14	81386350	81386450	1274-Lng-A-T	56	chr14:81386350-81386450
chr14	81415850	81415950	901-Lng-B-T	60	chr14:81415850-81415950

Table S2: SB Insertion regions

chr14	81418950	81419050	1065-Lng-B-T	67	chr14:81418950-81419050
chr14	81449850	81449950	846-Lng-A-T	48	chr14:81449850-81449950
chr14	81484850	81484950	1223-Lng-D-T	46	chr14:81484850-81484950
chr14	81651950	81652050	1004-Lng-A-T	98	chr14:81651950-81652050
chr14	81778750	81778850	1152-Lng-A-T	91	chr14:81778750-81778850
chr14	81784650	81784750	1065-Lng-B-T	89	chr14:81784650-81784750
chr14	81812850	81812950	901-Lng-A-T	60	chr14:81812850-81812950
chr14	81839850	81839950	1065-Lng-A-T	39	chr14:81839850-81839950
chr14	81864850	81864950	1072-Lng-A-T	52	chr14:81864850-81864950
chr14	81964950	81965050	1223-Lng-B-T	53	chr14:81964950-81965050
chr14	82337750	82337850	846-Lng-A-T	117	chr14:82337750-82337850
chr14	82371250	82371350	1151-Lng-A-T	56	chr14:82371250-82371350
chr14	82540350	82540450	1188-Lng-A-T	61	chr14:82540350-82540450
chr14	82633850	82633950	1065-Lng-B-T	80	chr14:82633850-82633950
chr14	82648250	82648350	1167-Lng-A-T	69	chr14:82648250-82648350
chr14	82954050	82954150	1223-Lng-D-T	40	chr14:82954050-82954150
chr14	82968450	82968550	1065-Lng-B-T	64	chr14:82968450-82968550
chr14	83061550	83061650	1223-Lng-B-T	266	chr14:83061550-83061650
chr14	83160750	83160850	846-Lng-A-T	196	chr14:83160750-83160850
chr14	83556550	83556650	1065-Lng-C-T	77	chr14:83556550-83556650
chr14	83771950	83772050	1072-Lng-A-T	117	chr14:83771950-83772050
chr14	83949350	83949450	901-Lng-C-T	104	chr14:83949350-83949450
chr14	84204750	84204850	1167-Lng-A-T	63	chr14:84204750-84204850
chr14	84206650	84206750	1152-Lng-A-T	83	chr14:84206650-84206750
chr14	84389750	84389850	1065-Lng-A-T	401	chr14:84389750-84389850
chr14	84508950	84509050	1065-Lng-A-T	70	chr14:84508950-84509050
chr14	84606750	84606850	1152-Lng-A-T	44	chr14:84606750-84606850
chr14	84654550	84654650	1065-Lng-C-T	63	chr14:84654550-84654650
chr14	84656950	84657050	901-Lng-C-T	50	chr14:84656950-84657050
chr14	84692050	84692150	846-Lng-A-T	68	chr14:84692050-84692150
chr14	84836850	84836950	1223-Lng-A-T	466	chr14:84836850-84836950
chr14	84872950	84873050	1004-Lng-A-T	87	chr14:84872950-84873050
chr14	84934450	84934550	1065-Lng-A-T	55	chr14:84934450-84934550
chr14	84969650	84969750	1100-Lng-A-T	58	chr14:84969650-84969750
chr14	85039550	85039650	901-Lng-D-T	175	chr14:85039550-85039650
chr14	85215550	85215650	1223-Lng-A-T	55	chr14:85215550-85215650
chr14	85238450	85238550	1065-Lng-A-T	83	chr14:85238450-85238550
chr14	85350150	85350250	1223-Lng-B-T	233	chr14:85350150-85350250
chr14	85462750	85462850	1004-Lng-A-T	54	chr14:85462750-85462850
chr14	85587350	85587450	846-Lng-A-T	243	chr14:85587350-85587450
chr14	85739450	85739550	901-Lng-A-T	58	chr14:85739450-85739550
chr14	85740150	85740250	1152-Lng-A-T	45	chr14:85740150-85740250
chr14	85761450	85761550	1090-Lng-A-T	137	chr14:85761450-85761550
chr14	85775750	85775850	901-Lng-A-T	65	chr14:85775750-85775850
chr14	86087950	86088050	1223-Lng-A-T	122	chr14:86087950-86088050
chr14	86107650	86107750	1072-Lng-A-T	78	chr14:86107650-86107750

Table S2: SB Insertion regions

chr14	86347750	86347850	1223-Lng-D-T	42	chr14:86347750-86347850
chr14	86728250	86728350	1065-Lng-C-T	89	chr14:86728250-86728350
chr14	86743950	86744050	901-Lng-C-T	77	chr14:86743950-86744050
chr14	86862450	86862550	1065-Lng-B-T	90	chr14:86862450-86862550
chr14	87231550	87231650	1223-Lng-C-T	48	chr14:87231550-87231650
chr14	87276750	87276850	1090-Lng-A-T	77	chr14:87276750-87276850
chr14	87508850	87508950	1072-Lng-A-T	124	chr14:87508850-87508950
chr14	87817450	87817550	1100-Lng-A-T	102	chr14:87817450-87817550
chr14	87817850	87817950	1152-Lng-A-T	133	chr14:87817850-87817950
chr14	87837250	87837350	1188-Lng-A-T	777	chr14:87837250-87837350
chr14	87850250	87850350	1004-Lng-A-T	66	chr14:87850250-87850350
chr14	87896250	87896350	901-Lng-D-T	66	chr14:87896250-87896350
chr14	87935750	87935850	1065-Lng-B-T	47	chr14:87935750-87935850
chr14	88036450	88036550	1274-Lng-A-T	58	chr14:88036450-88036550
chr14	88051750	88051850	901-Lng-C-T	155	chr14:88051750-88051850
chr14	88055050	88055150	846-Lng-A-T	48	chr14:88055050-88055150
chr14	88083950	88084050	1065-Lng-B-T	191	chr14:88083950-88084050
chr14	88454450	88454550	901-Lng-A-T	145	chr14:88454450-88454550
chr14	88539150	88539250	1004-Lng-A-T	84	chr14:88539150-88539250
chr14	88566450	88566550	1090-Lng-B-T	385	chr14:88566450-88566550
chr14	88591750	88591850	1004-Lng-A-T	63	chr14:88591750-88591850
chr14	88685350	88685450	846-Lng-A-T	43	chr14:88685350-88685450
chr14	88706350	88706450	1167-Lng-A-T	61	chr14:88706350-88706450
chr14	88786750	88786850	901-Lng-D-T	207	chr14:88786750-88786850
chr14	88790650	88790750	1065-Lng-A-T	605	chr14:88790650-88790750
chr14	88942250	88942350	1004-Lng-A-T	51	chr14:88942250-88942350
chr14	88953850	88953950	1223-Lng-A-T	131	chr14:88953850-88953950
chr14	89008050	89008150	846-Lng-A-T	266	chr14:89008050-89008150
chr14	89009250	89009350	901-Lng-B-T	57	chr14:89009250-89009350
chr14	89051150	89051250	1100-Lng-A-T	209	chr14:89051150-89051250
chr14	89271950	89272050	1065-Lng-B-T	88	chr14:89271950-89272050
chr14	89308150	89308250	1004-Lng-A-T	334	chr14:89308150-89308250
chr14	89745050	89745150	901-Lng-C-T	70	chr14:89745050-89745150
chr14	89916750	89916850	846-Lng-A-T	177	chr14:89916750-89916850
chr14	89953650	89953750	1004-Lng-A-T	126	chr14:89953650-89953750
chr14	90001350	90001450	1004-Lng-A-T	75	chr14:90001350-90001450
chr14	90063850	90063950	901-Lng-A-T	141	chr14:90063850-90063950
chr14	90099550	90099650	1223-Lng-B-T	236	chr14:90099550-90099650
chr14	90235050	90235150	1274-Lng-A-T	162	chr14:90235050-90235150
chr14	90325850	90325950	1065-Lng-C-T	272	chr14:90325850-90325950
chr14	90347650	90347750	1065-Lng-A-T	75	chr14:90347650-90347750
chr14	90460350	90460450	901-Lng-A-T	97	chr14:90460350-90460450
chr14	90601450	90601550	1152-Lng-A-T	42	chr14:90601450-90601550
chr14	90911750	90911850	1152-Lng-A-T	192	chr14:90911750-90911850
chr14	91061050	91061150	1152-Lng-A-T	62	chr14:91061050-91061150
chr14	91234950	91235050	1065-Lng-A-T	78	chr14:91234950-91235050

Table S2: SB Insertion regions

chr14	91256350	91256450	1152-Lng-A-T	66	chr14:91256350-91256450
chr14	91270850	91270950	1223-Lng-B-T	47	chr14:91270850-91270950
chr14	91352950	91353050	901-Lng-A-T	55	chr14:91352950-91353050
chr14	91357150	91357250	1274-Lng-A-T	56	chr14:91357150-91357250
chr14	91581250	91581350	1223-Lng-B-T	35	chr14:91581250-91581350
chr14	91589650	91589750	1152-Lng-A-T	41	chr14:91589650-91589750
chr14	91721850	91721950	1065-Lng-B-T	68	chr14:91721850-91721950
chr14	91871450	91871550	901-Lng-B-T	59	chr14:91871450-91871550
chr14	91874250	91874350	1065-Lng-A-T	67	chr14:91874250-91874350
chr14	91907250	91907350	901-Lng-C-T	127	chr14:91907250-91907350
chr14	92000250	92000350	1065-Lng-B-T	450	chr14:92000250-92000350
chr14	92301350	92301450	846-Lng-A-T	164	chr14:92301350-92301450
chr14	92307850	92307950	846-Lng-A-T	130	chr14:92307850-92307950
chr14	92384850	92384950	1004-Lng-A-T	80	chr14:92384850-92384950
chr14	92776350	92776450	1090-Lng-A-T	129	chr14:92776350-92776450
chr14	92815650	92815750	846-Lng-A-T	46	chr14:92815650-92815750
chr14	92873450	92873550	1065-Lng-A-T	111	chr14:92873450-92873550
chr14	93073750	93073850	1223-Lng-B-T	36	chr14:93073750-93073850
chr14	93092350	93092450	901-Lng-B-T	266	chr14:93092350-93092450
chr14	93164050	93164150	1223-Lng-A-T	99	chr14:93164050-93164150
chr14	93204450	93204550	1100-Lng-A-T	77	chr14:93204450-93204550
chr14	93259750	93259850	1065-Lng-C-T	76	chr14:93259750-93259850
chr14	93353350	93353450	1223-Lng-A-T	80	chr14:93353350-93353450
chr14	93454050	93454150	846-Lng-A-T	116	chr14:93454050-93454150
chr14	93543750	93543850	1223-Lng-B-T	109	chr14:93543750-93543850
chr14	93639850	93639950	1072-Lng-A-T	68	chr14:93639850-93639950
chr14	93665650	93665750	1223-Lng-B-T	58	chr14:93665650-93665750
chr14	93708550	93708650	1223-Lng-B-T	45	chr14:93708550-93708650
chr14	93722550	93722650	1065-Lng-A-T	46	chr14:93722550-93722650
chr14	93733750	93733850	1223-Lng-B-T	41	chr14:93733750-93733850
chr14	93954450	93954550	1223-Lng-D-T	44	chr14:93954450-93954550
chr14	94010250	94010350	1100-Lng-A-T	51	chr14:94010250-94010350
chr14	94128350	94128450	1223-Lng-A-T	55	chr14:94128350-94128450
chr14	94150350	94150450	1065-Lng-A-T	45	chr14:94150350-94150450
chr14	94221150	94221250	846-Lng-A-T	70	chr14:94221150-94221250
chr14	94320050	94320150	1004-Lng-A-T	122	chr14:94320050-94320150
chr14	94418450	94418550	901-Lng-D-T	64	chr14:94418450-94418550
chr14	94505150	94505250	901-Lng-B-T	102	chr14:94505150-94505250
chr14	94647050	94647150	1152-Lng-A-T	44	chr14:94647050-94647150
chr14	94689850	94689950	1152-Lng-A-T	40	chr14:94689850-94689950
chr14	94725850	94725950	1152-Lng-A-T	85	chr14:94725850-94725950
chr14	94776250	94776350	901-Lng-B-T	186	chr14:94776250-94776350
chr14	95008150	95008250	1167-Lng-A-T	77	chr14:95008150-95008250
chr14	95052550	95052650	846-Lng-A-T	47	chr14:95052550-95052650
chr14	95071950	95072050	1004-Lng-A-T	52	chr14:95071950-95072050
chr14	95129450	95129550	1090-Lng-A-T	48	chr14:95129450-95129550

Table S2: SB Insertion regions

chr14	95139250	95139350	1100-Lng-A-T	69	chr14:95139250-95139350
chr14	95280050	95280150	1100-Lng-A-T	67	chr14:95280050-95280150
chr14	95448750	95448850	846-Lng-A-T	131	chr14:95448750-95448850
chr14	95533250	95533350	1065-Lng-C-T	67	chr14:95533250-95533350
chr14	95634750	95634850	1151-Lng-A-T	81	chr14:95634750-95634850
chr14	95731050	95731150	1167-Lng-A-T	70	chr14:95731050-95731150
chr14	95850650	95850750	1072-Lng-A-T	135	chr14:95850650-95850750
chr14	95916950	95917050	901-Lng-B-T	35	chr14:95916950-95917050
chr14	96041750	96041850	901-Lng-D-T	608	chr14:96041750-96041850
chr14	96325650	96325750	901-Lng-C-T	58	chr14:96325650-96325750
chr14	96343150	96343250	1090-Lng-A-T	59	chr14:96343150-96343250
chr14	96415950	96416050	846-Lng-A-T	63	chr14:96415950-96416050
chr14	96534850	96534950	901-Lng-D-T	97	chr14:96534850-96534950
chr14	96732750	96732850	1274-Lng-A-T	62	chr14:96732750-96732850
chr14	96823250	96823350	1090-Lng-A-T	474	chr14:96823250-96823350
chr14	96884150	96884250	1065-Lng-A-T	38	chr14:96884150-96884250
chr14	96902750	96902850	1167-Lng-A-T	65	chr14:96902750-96902850
chr14	96920050	96920150	901-Lng-D-T	82	chr14:96920050-96920150
chr14	96922350	96922450	846-Lng-A-T	72	chr14:96922350-96922450
chr14	96987550	96987650	1065-Lng-B-T	63	chr14:96987550-96987650
chr14	97104150	97104250	901-Lng-B-T	87	chr14:97104150-97104250
chr14	97111650	97111750	1065-Lng-B-T	73	chr14:97111650-97111750
chr14	97153950	97154050	1223-Lng-D-T	47	chr14:97153950-97154050
chr14	97279450	97279550	1065-Lng-C-T	1259	chr14:97279450-97279550
chr14	97589450	97589550	1090-Lng-B-T	142	chr14:97589450-97589550
chr14	97869450	97869550	846-Lng-A-T	255	chr14:97869450-97869550
chr14	97871950	97872050	1004-Lng-A-T	95	chr14:97871950-97872050
chr14	97882350	97882450	901-Lng-A-T	88	chr14:97882350-97882450
chr14	98049250	98049350	1223-Lng-A-T	322	chr14:98049250-98049350
chr14	98289650	98289750	901-Lng-A-T	85	chr14:98289650-98289750
chr14	98291950	98292050	1100-Lng-A-T	117	chr14:98291950-98292050
chr14	98299250	98299350	1274-Lng-A-T	56	chr14:98299250-98299350
chr14	98347550	98347650	901-Lng-B-T	40	chr14:98347550-98347650
chr14	98442450	98442550	1004-Lng-A-T	453	chr14:98442450-98442550
chr14	98498650	98498750	1223-Lng-A-T	68	chr14:98498650-98498750
chr14	98549150	98549250	1151-Lng-A-T	165	chr14:98549150-98549250
chr14	98676250	98676350	1100-Lng-A-T	63	chr14:98676250-98676350
chr14	99152150	99152250	1065-Lng-A-T	44	chr14:99152150-99152250
chr14	99245650	99245750	901-Lng-B-T	184	chr14:99245650-99245750
chr14	99279650	99279750	1223-Lng-A-T	1230	chr14:99279650-99279750
chr14	99292050	99292150	1223-Lng-A-T	65	chr14:99292050-99292150
chr14	99336950	99337050	901-Lng-A-T	128	chr14:99336950-99337050
chr14	99417550	99417650	901-Lng-A-T	263	chr14:99417550-99417650
chr14	99417950	99418050	1223-Lng-B-T	311	chr14:99417950-99418050
chr14	99423950	99424050	901-Lng-A-T	51	chr14:99423950-99424050
chr14	99433550	99433650	901-Lng-A-T	50	chr14:99433550-99433650

Table S2: SB Insertion regions

chr14	99440950	99441050	901-Lng-B-T	163	chr14:99440950-99441050
chr14	99442250	99442350	901-Lng-A-T	71	chr14:99442250-99442350
chr14	99449350	99449450	1065-Lng-C-T	64	chr14:99449350-99449450
chr14	99517650	99517750	1065-Lng-B-T	43	chr14:99517650-99517750
chr14	99579050	99579150	1223-Lng-A-T	96	chr14:99579050-99579150
chr14	99634150	99634250	1223-Lng-D-T	72	chr14:99634150-99634250
chr14	99658150	99658250	1223-Lng-A-T	910	chr14:99658150-99658250
chr14	99695550	99695650	1223-Lng-A-T	62	chr14:99695550-99695650
chr14	99783150	99783250	1065-Lng-C-T	62	chr14:99783150-99783250
chr14	99810950	99811050	1065-Lng-A-T	511	chr14:99810950-99811050
chr14	99866050	99866150	1188-Lng-A-T	36	chr14:99866050-99866150
chr14	99943450	99943550	1167-Lng-A-T	112	chr14:99943450-99943550
chr14	100113850	100113950	1274-Lng-A-T	91	chr14:100113850-100113950
chr14	100717250	100717350	1274-Lng-A-T	78	chr14:100717250-100717350
chr14	100752050	100752150	1065-Lng-A-T	92	chr14:100752050-100752150
chr14	100829050	100829150	1065-Lng-A-T	57	chr14:100829050-100829150
chr14	100885150	100885250	1004-Lng-A-T	110	chr14:100885150-100885250
chr14	101630950	101631050	1223-Lng-A-T	84	chr14:101630950-101631050
chr14	101842750	101842850	1223-Lng-B-T	39	chr14:101842750-101842850
chr14	101892650	101892750	1072-Lng-A-T	169	chr14:101892650-101892750
chr14	101905550	101905650	1223-Lng-D-T	46	chr14:101905550-101905650
chr14	101936550	101936650	1151-Lng-A-T	411	chr14:101936550-101936650
chr14	101973750	101973850	1065-Lng-A-T	36	chr14:101973750-101973850
chr14	101974550	101974650	1151-Lng-A-T	72	chr14:101974550-101974650
chr14	101988550	101988650	1100-Lng-A-T	101	chr14:101988550-101988650
chr14	102010950	102011050	901-Lng-D-T	139	chr14:102010950-102011050
chr14	102131150	102131250	1223-Lng-B-T	35	chr14:102131150-102131250
chr14	102165450	102165550	1223-Lng-A-T	1359	chr14:102165450-102165550
chr14	102226750	102226850	1274-Lng-A-T	189	chr14:102226750-102226850
chr14	102233250	102233350	901-Lng-C-T	215	chr14:102233250-102233350
chr14	102257750	102257850	901-Lng-C-T	78	chr14:102257750-102257850
chr14	102261850	102261950	1065-Lng-B-T	49	chr14:102261850-102261950
chr14	102274350	102274450	901-Lng-D-T	275	chr14:102274350-102274450
chr14	102308150	102308250	1100-Lng-A-T	60	chr14:102308150-102308250
chr14	102496650	102496750	1065-Lng-A-T	92	chr14:102496650-102496750
chr14	102701650	102701750	1223-Lng-B-T	34	chr14:102701650-102701750
chr14	102757350	102757450	901-Lng-A-T	88	chr14:102757350-102757450
chr14	102883350	102883450	1152-Lng-A-T	80	chr14:102883350-102883450
chr14	103130150	103130250	901-Lng-C-T	76	chr14:103130150-103130250
chr14	103390650	103390750	1065-Lng-B-T	69	chr14:103390650-103390750
chr14	103460450	103460550	1065-Lng-B-T	53	chr14:103460450-103460550
chr14	103471050	103471150	1223-Lng-C-T	47	chr14:103471050-103471150
chr14	103490750	103490850	1223-Lng-C-T	43	chr14:103490750-103490850
chr14	103502050	103502150	1223-Lng-B-T	34	chr14:103502050-103502150
chr14	103548050	103548150	1065-Lng-B-T	55	chr14:103548050-103548150
chr14	103612850	103612950	1223-Lng-C-T	53	chr14:103612850-103612950

Table S2: SB Insertion regions

chr14	103619350	103619450	1223-Lng-A-T	517	chr14:103619350-103619450
chr14	103647750	103647850	901-Lng-A-T	95	chr14:103647750-103647850
chr14	103688550	103688650	901-Lng-A-T	107	chr14:103688550-103688650
chr14	103702550	103702650	901-Lng-C-T	60	chr14:103702550-103702650
chr14	103722350	103722450	1065-Lng-B-T	45	chr14:103722350-103722450
chr14	103988550	103988650	901-Lng-C-T	30	chr14:103988550-103988650
chr14	104078750	104078850	1090-Lng-A-T	68	chr14:104078750-104078850
chr14	104100150	104100250	1223-Lng-B-T	34	chr14:104100150-104100250
chr14	104101850	104101950	1065-Lng-A-T	79	chr14:104101850-104101950
chr14	104461650	104461750	1223-Lng-B-T	34	chr14:104461650-104461750
chr14	104495450	104495550	1223-Lng-D-T	51	chr14:104495450-104495550
chr14	104555950	104556050	1223-Lng-D-T	43	chr14:104555950-104556050
chr14	104579250	104579350	901-Lng-D-T	633	chr14:104579250-104579350
chr14	104663950	104664050	1065-Lng-A-T	476	chr14:104663950-104664050
chr14	104697050	104697150	1223-Lng-D-T	40	chr14:104697050-104697150
chr14	104883850	104883950	1151-Lng-A-T	95	chr14:104883850-104883950
chr14	105028650	105028750	901-Lng-B-T	47	chr14:105028650-105028750
chr14	105313550	105313650	1090-Lng-A-T	106	chr14:105313550-105313650
chr14	105483150	105483250	1223-Lng-A-T	251	chr14:105483150-105483250
chr14	105551050	105551150	1223-Lng-B-T	47	chr14:105551050-105551150
chr14	105559250	105559350	1100-Lng-A-T	64	chr14:105559250-105559350
chr14	105680650	105680750	1223-Lng-B-T	138	chr14:105680650-105680750
chr14	105691850	105691950	1188-Lng-A-T	40	chr14:105691850-105691950
chr14	105967550	105967650	1223-Lng-A-T	184	chr14:105967550-105967650
chr14	106025850	106025950	1065-Lng-A-T	85	chr14:106025850-106025950
chr14	106156450	106156550	1090-Lng-A-T	354	chr14:106156450-106156550
chr14	106206650	106206750	1167-Lng-A-T	98	chr14:106206650-106206750
chr14	106768250	106768350	1223-Lng-A-T	107	chr14:106768250-106768350
chr14	106770250	106770350	901-Lng-C-T	39	chr14:106770250-106770350
chr14	106922050	106922150	1090-Lng-A-T	52	chr14:106922050-106922150
chr14	107195050	107195150	901-Lng-D-T	410	chr14:107195050-107195150
chr14	107210950	107211050	1072-Lng-A-T	71	chr14:107210950-107211050
chr14	107293450	107293550	1090-Lng-A-T	131	chr14:107293450-107293550
chr14	107305450	107305550	1223-Lng-B-T	42	chr14:107305450-107305550
chr14	107414450	107414550	846-Lng-A-T	65	chr14:107414450-107414550
chr14	107439550	107439650	901-Lng-D-T	178	chr14:107439550-107439650
chr14	107600150	107600250	1223-Lng-A-T	2160	chr14:107600150-107600250
chr14	107973550	107973650	1223-Lng-A-T	102	chr14:107973550-107973650
chr14	108071150	108071250	1223-Lng-A-T	124	chr14:108071150-108071250
chr14	108114250	108114350	1152-Lng-A-T	470	chr14:108114250-108114350
chr14	108229450	108229550	1223-Lng-A-T	89	chr14:108229450-108229550
chr14	108238550	108238650	1274-Lng-A-T	153	chr14:108238550-108238650
chr14	108366850	108366950	1223-Lng-A-T	223	chr14:108366850-108366950
chr14	108378850	108378950	1065-Lng-B-T	51	chr14:108378850-108378950
chr14	108401550	108401650	1065-Lng-C-T	94	chr14:108401550-108401650
chr14	108438350	108438450	1223-Lng-A-T	119	chr14:108438350-108438450

Table S2: SB Insertion regions

chr14	108507550	108507650	1004-Lng-A-T	58	chr14:108507550-108507650
chr14	108533750	108533850	1274-Lng-A-T	109	chr14:108533750-108533850
chr14	108655550	108655650	1004-Lng-A-T	70	chr14:108655550-108655650
chr14	108749250	108749350	1223-Lng-A-T	66	chr14:108749250-108749350
chr14	109210050	109210150	901-Lng-C-T	196	chr14:109210050-109210150
chr14	109244750	109244850	901-Lng-D-T	181	chr14:109244750-109244850
chr14	109327950	109328050	901-Lng-C-T	68	chr14:109327950-109328050
chr14	109349550	109349650	901-Lng-C-T	97	chr14:109349550-109349650
chr14	109446150	109446250	901-Lng-D-T	199	chr14:109446150-109446250
chr14	109541650	109541750	1065-Lng-A-T	80	chr14:109541650-109541750
chr14	109549150	109549250	1151-Lng-A-T	66	chr14:109549150-109549250
chr14	109980150	109980250	1167-Lng-A-T	73	chr14:109980150-109980250
chr14	110041050	110041150	1223-Lng-B-T	48	chr14:110041050-110041150
chr14	110056650	110056750	1065-Lng-A-T	37	chr14:110056650-110056750
chr14	110106750	110106850	1223-Lng-A-T	1272	chr14:110106750-110106850
chr14	110290650	110290750	1223-Lng-A-T	110	chr14:110290650-110290750
chr14	110447750	110447850	1274-Lng-A-T	67	chr14:110447750-110447850
chr14	110494050	110494150	1188-Lng-A-T	49	chr14:110494050-110494150
chr14	110569450	110569550	901-Lng-A-T	72	chr14:110569450-110569550
chr14	110862450	110862550	901-Lng-A-T	62	chr14:110862450-110862550
chr14	111413050	111413150	1223-Lng-D-T	53	chr14:111413050-111413150
chr14	111494050	111494150	1100-Lng-A-T	135	chr14:111494050-111494150
chr14	111790650	111790750	1151-Lng-A-T	63	chr14:111790650-111790750
chr14	111836650	111836750	901-Lng-C-T	174	chr14:111836650-111836750
chr14	111997650	111997750	1223-Lng-A-T	51	chr14:111997650-111997750
chr14	112664450	112664550	1100-Lng-B-T	79	chr14:112664450-112664550
chr14	112667850	112667950	1004-Lng-A-T	318	chr14:112667850-112667950
chr14	112834550	112834650	1065-Lng-C-T	73	chr14:112834550-112834650
chr14	112884550	112884650	901-Lng-B-T	495	chr14:112884550-112884650
chr14	112931950	112932050	1065-Lng-A-T	52	chr14:112931950-112932050
chr14	112971350	112971450	1223-Lng-A-T	246	chr14:112971350-112971450
chr14	113012350	113012450	901-Lng-B-T	293	chr14:113012350-113012450
chr14	113346350	113346450	1065-Lng-B-T	57	chr14:113346350-113346450
chr14	113368150	113368250	1188-Lng-A-T	230	chr14:113368150-113368250
chr14	113448350	113448450	901-Lng-C-T	163	chr14:113448350-113448450
chr14	113597850	113597950	1152-Lng-A-T	62	chr14:113597850-113597950
chr14	113665850	113665950	1274-Lng-A-T	54	chr14:113665850-113665950
chr14	113731550	113731650	1152-Lng-A-T	59	chr14:113731550-113731650
chr14	113834350	113834450	901-Lng-A-T	67	chr14:113834350-113834450
chr14	113886450	113886550	1004-Lng-A-T	114	chr14:113886450-113886550
chr14	113925950	113926050	1090-Lng-A-T	47	chr14:113925950-113926050
chr14	113975450	113975550	1223-Lng-A-T	2593	chr14:113975450-113975550
chr14	114085050	114085150	846-Lng-A-T	714	chr14:114085050-114085150
chr14	114138050	114138150	1223-Lng-A-T	963	chr14:114138050-114138150
chr14	114700750	114700850	1065-Lng-C-T	81	chr14:114700750-114700850
chr14	114784350	114784450	1065-Lng-A-T	126	chr14:114784350-114784450

Table S2: SB Insertion regions

chr14	115147550	115147650	1065-Lng-B-T	54	chr14:115147550-115147650
chr14	115187450	115187550	1004-Lng-A-T	94	chr14:115187450-115187550
chr14	115225350	115225450	1223-Lng-A-T	61	chr14:115225350-115225450
chr14	115622250	115622350	1065-Lng-B-T	40	chr14:115622250-115622350
chr14	115655050	115655150	1151-Lng-A-T	55	chr14:115655050-115655150
chr14	115937650	115937750	1223-Lng-B-T	275	chr14:115937650-115937750
chr14	115967450	115967550	1065-Lng-B-T	65	chr14:115967450-115967550
chr14	116429350	116429450	1274-Lng-A-T	212	chr14:116429350-116429450
chr14	116495050	116495150	1090-Lng-A-T	55	chr14:116495050-116495150
chr14	116593350	116593450	1065-Lng-C-T	64	chr14:116593350-116593450
chr14	116617750	116617850	1065-Lng-C-T	74	chr14:116617750-116617850
chr14	116689350	116689450	1072-Lng-A-T	79	chr14:116689350-116689450
chr14	116958750	116958850	1188-Lng-A-T	36	chr14:116958750-116958850
chr14	117012250	117012350	1090-Lng-A-T	78	chr14:117012250-117012350
chr14	117120450	117120550	901-Lng-D-T	95	chr14:117120450-117120550
chr14	117283350	117283450	1065-Lng-C-T	94	chr14:117283350-117283450
chr14	117487050	117487150	1188-Lng-A-T	34	chr14:117487050-117487150
chr14	117585350	117585450	1223-Lng-A-T	190	chr14:117585350-117585450
chr14	117802450	117802550	1223-Lng-B-T	60	chr14:117802450-117802550
chr14	118088350	118088450	1223-Lng-D-T	41	chr14:118088350-118088450
chr14	118238850	118238950	901-Lng-A-T	91	chr14:118238850-118238950
chr14	118284550	118284650	1274-Lng-A-T	172	chr14:118284550-118284650
chr14	118518750	118518850	1072-Lng-A-T	76	chr14:118518750-118518850
chr14	118551850	118551950	1274-Lng-A-T	108	chr14:118551850-118551950
chr14	118923750	118923850	1090-Lng-A-T	106	chr14:118923750-118923850
chr14	118958850	118958950	1188-Lng-A-T	132	chr14:118958850-118958950
chr14	118973850	118973950	846-Lng-A-T	51	chr14:118973850-118973950
chr14	118979050	118979150	1004-Lng-A-T	192	chr14:118979050-118979150
chr14	119048550	119048650	1223-Lng-D-T	45	chr14:119048550-119048650
chr14	119249750	119249850	1100-Lng-A-T	71	chr14:119249750-119249850
chr14	119339150	119339250	1004-Lng-A-T	62	chr14:119339150-119339250
chr14	119376650	119376750	1090-Lng-A-T	85	chr14:119376650-119376750
chr14	119751550	119751650	1223-Lng-C-T	44	chr14:119751550-119751650
chr14	119755550	119755650	901-Lng-B-T	41	chr14:119755550-119755650
chr14	119770050	119770150	1065-Lng-B-T	259	chr14:119770050-119770150
chr14	119917950	119918050	901-Lng-C-T	44	chr14:119917950-119918050
chr14	119984150	119984250	901-Lng-B-T	73	chr14:119984150-119984250
chr14	120076550	120076650	846-Lng-A-T	76	chr14:120076550-120076650
chr14	120700350	120700450	1223-Lng-D-T	47	chr14:120700350-120700450
chr14	120764650	120764750	901-Lng-C-T	59	chr14:120764650-120764750
chr14	120785050	120785150	1167-Lng-A-T	59	chr14:120785050-120785150
chr14	120938950	120939050	846-Lng-A-T	118	chr14:120938950-120939050
chr14	121003250	121003350	1065-Lng-A-T	344	chr14:121003250-121003350
chr14	121267150	121267250	1274-Lng-A-T	126	chr14:121267150-121267250
chr14	121446450	121446550	901-Lng-A-T	425	chr14:121446450-121446550
chr14	121454650	121454750	1167-Lng-A-T	85	chr14:121454650-121454750

Table S2: SB Insertion regions

chr14	121456650	121456750	1090-Lng-A-T	44	chr14:121456650-121456750
chr14	121520450	121520550	901-Lng-B-T	112	chr14:121520450-121520550
chr14	121581450	121581550	1152-Lng-A-T	117	chr14:121581450-121581550
chr14	121596750	121596850	1065-Lng-A-T	97	chr14:121596750-121596850
chr14	121705150	121705250	1223-Lng-B-T	35	chr14:121705150-121705250
chr14	121752150	121752250	1274-Lng-A-T	156	chr14:121752150-121752250
chr14	121768750	121768850	1274-Lng-A-T	166	chr14:121768750-121768850
chr14	121883350	121883450	1223-Lng-B-T	69	chr14:121883350-121883450
chr14	122004050	122004150	1152-Lng-A-T	280	chr14:122004050-122004150
chr14	122017050	122017150	1065-Lng-B-T	57	chr14:122017050-122017150
chr14	122103650	122103750	1223-Lng-B-T	49	chr14:122103650-122103750
chr14	122108450	122108550	1100-Lng-A-T	77	chr14:122108450-122108550
chr14	122162350	122162450	1274-Lng-A-T	70	chr14:122162350-122162450
chr14	122180350	122180450	1004-Lng-A-T	99	chr14:122180350-122180450
chr14	122296150	122296250	1151-Lng-A-T	54	chr14:122296150-122296250
chr14	122296250	122296350	1274-Lng-A-T	51	chr14:122296250-122296350
chr14	122344750	122344850	1065-Lng-B-T	455	chr14:122344750-122344850
chr14	122368350	122368450	1152-Lng-A-T	59	chr14:122368350-122368450
chr14	122383050	122383150	901-Lng-C-T	79	chr14:122383050-122383150
chr14	122535750	122535850	1004-Lng-A-T	68	chr14:122535750-122535850
chr14	122535950	122536050	1223-Lng-A-T	78	chr14:122535950-122536050
chr14	122539050	122539150	1223-Lng-B-T	92	chr14:122539050-122539150
chr14	122966250	122966350	1274-Lng-A-T	57	chr14:122966250-122966350
chr14	123046650	123046750	1090-Lng-A-T	109	chr14:123046650-123046750
chr14	123048250	123048350	1065-Lng-B-T	42	chr14:123048250-123048350
chr14	123048750	123048850	1223-Lng-C-T	46	chr14:123048750-123048850
chr14	123049050	123049150	1090-Lng-A-T	130	chr14:123049050-123049150
chr14	123102450	123102550	901-Lng-C-T	203	chr14:123102450-123102550
chr14	123223950	123224050	1152-Lng-A-T	68	chr14:123223950-123224050
chr14	123239250	123239350	901-Lng-A-T	346	chr14:123239250-123239350
chr14	123299150	123299250	1065-Lng-C-T	2184	chr14:123299150-123299250
chr14	123341950	123342050	901-Lng-B-T	175	chr14:123341950-123342050
chr14	123404250	123404350	901-Lng-A-T	77	chr14:123404250-123404350
chr14	123801750	123801850	901-Lng-A-T	212	chr14:123801750-123801850
chr14	123860250	123860350	1065-Lng-B-T	43	chr14:123860250-123860350
chr14	124084350	124084450	1090-Lng-A-T	172	chr14:124084350-124084450
chr14	124114650	124114750	901-Lng-A-T	80	chr14:124114650-124114750
chr14	124163250	124163350	846-Lng-A-T	141	chr14:124163250-124163350
chr14	124378150	124378250	1152-Lng-A-T	42	chr14:124378150-124378250
chr14	124391250	124391350	1065-Lng-B-T	111	chr14:124391250-124391350
chr14	124491150	124491250	1090-Lng-B-T	1472	chr14:124491150-124491250
chr14	124867450	124867550	1065-Lng-A-T	803	chr14:124867450-124867550
chr14	125132750	125132850	1065-Lng-B-T	89	chr14:125132750-125132850
chr15	3015350	3015450	1223-Lng-A-T	540	chr15:3015350-3015450
chr15	3154650	3154750	901-Lng-A-T	635	chr15:3154650-3154750
chr15	3183050	3183150	1072-Lng-A-T	133	chr15:3183050-3183150

Table S2: SB Insertion regions

chr15	3192950	3193050	901-Lng-D-T	138	chr15:3192950-3193050
chr15	3209750	3209850	1072-Lng-A-T	59	chr15:3209750-3209850
chr15	3216050	3216150	901-Lng-A-T	67	chr15:3216050-3216150
chr15	3221950	3222050	1072-Lng-A-T	254	chr15:3221950-3222050
chr15	3223750	3223850	1065-Lng-A-T	59	chr15:3223750-3223850
chr15	3226650	3226750	1065-Lng-B-T	62	chr15:3226650-3226750
chr15	3231150	3231250	1167-Lng-A-T	99	chr15:3231150-3231250
chr15	3236750	3236850	1090-Lng-A-T	61	chr15:3236750-3236850
chr15	3238850	3238950	1065-Lng-A-T	315	chr15:3238850-3238950
chr15	3256750	3256850	1090-Lng-A-T	59	chr15:3256750-3256850
chr15	3308550	3308650	1223-Lng-D-T	58	chr15:3308550-3308650
chr15	3334350	3334450	901-Lng-B-T	218	chr15:3334350-3334450
chr15	3356750	3356850	1065-Lng-B-T	458	chr15:3356750-3356850
chr15	3368050	3368150	901-Lng-C-T	76	chr15:3368050-3368150
chr15	3376550	3376650	901-Lng-D-T	369	chr15:3376550-3376650
chr15	3397750	3397850	901-Lng-D-T	148	chr15:3397750-3397850
chr15	3444250	3444350	1090-Lng-B-T	697	chr15:3444250-3444350
chr15	3460950	3461050	1151-Lng-A-T	55	chr15:3460950-3461050
chr15	3513950	3514050	1004-Lng-A-T	74	chr15:3513950-3514050
chr15	3516550	3516650	901-Lng-C-T	69	chr15:3516550-3516650
chr15	3533550	3533650	901-Lng-A-T	442	chr15:3533550-3533650
chr15	3545750	3545850	901-Lng-C-T	39	chr15:3545750-3545850
chr15	3560850	3560950	901-Lng-A-T	120	chr15:3560850-3560950
chr15	3563650	3563750	901-Lng-D-T	195	chr15:3563650-3563750
chr15	3571550	3571650	1065-Lng-C-T	80	chr15:3571550-3571650
chr15	3574750	3574850	901-Lng-B-T	253	chr15:3574750-3574850
chr15	3650350	3650450	1004-Lng-A-T	260	chr15:3650350-3650450
chr15	3655350	3655450	1223-Lng-B-T	229	chr15:3655350-3655450
chr15	3701150	3701250	901-Lng-D-T	291	chr15:3701150-3701250
chr15	3750250	3750350	1072-Lng-A-T	75	chr15:3750250-3750350
chr15	3752050	3752150	901-Lng-B-T	40	chr15:3752050-3752150
chr15	3753950	3754050	1090-Lng-B-T	788	chr15:3753950-3754050
chr15	3843850	3843950	1090-Lng-A-T	105	chr15:3843850-3843950
chr15	3853250	3853350	1065-Lng-B-T	391	chr15:3853250-3853350
chr15	3856150	3856250	1065-Lng-B-T	53	chr15:3856150-3856250
chr15	3858550	3858650	1065-Lng-A-T	55	chr15:3858550-3858650
chr15	3859750	3859850	1274-Lng-A-T	55	chr15:3859750-3859850
chr15	3930150	3930250	846-Lng-A-T	98	chr15:3930150-3930250
chr15	3932050	3932150	1090-Lng-A-T	81	chr15:3932050-3932150
chr15	3933350	3933450	1065-Lng-B-T	84	chr15:3933350-3933450
chr15	3937050	3937150	901-Lng-D-T	287	chr15:3937050-3937150
chr15	3944250	3944350	901-Lng-A-T	228	chr15:3944250-3944350
chr15	3966150	3966250	901-Lng-C-T	119	chr15:3966150-3966250
chr15	3973950	3974050	1065-Lng-B-T	46	chr15:3973950-3974050
chr15	3991150	3991250	1188-Lng-A-T	169	chr15:3991150-3991250
chr15	3995050	3995150	901-Lng-A-T	138	chr15:3995050-3995150

Table S2: SB Insertion regions

chr15	3995350	3995450	1072-Lng-A-T	14582	chr15:3995350-3995450
chr15	3997850	3997950	1065-Lng-A-T	59	chr15:3997850-3997950
chr15	3998050	3998150	901-Lng-B-T	229	chr15:3998050-3998150
chr15	4000750	4000850	1090-Lng-B-T	208	chr15:4000750-4000850
chr15	4004150	4004250	901-Lng-D-T	261	chr15:4004150-4004250
chr15	4024250	4024350	1223-Lng-B-T	211	chr15:4024250-4024350
chr15	4033050	4033150	1065-Lng-A-T	48	chr15:4033050-4033150
chr15	4034750	4034850	901-Lng-C-T	51	chr15:4034750-4034850
chr15	4039650	4039750	1090-Lng-A-T	66	chr15:4039650-4039750
chr15	4076150	4076250	901-Lng-A-T	105	chr15:4076150-4076250
chr15	4076450	4076550	1004-Lng-A-T	67	chr15:4076450-4076550
chr15	4090950	4091050	1065-Lng-A-T	51	chr15:4090950-4091050
chr15	4091450	4091550	1167-Lng-A-T	75	chr15:4091450-4091550
chr15	4100650	4100750	1065-Lng-A-T	75	chr15:4100650-4100750
chr15	4259950	4260050	901-Lng-A-T	60	chr15:4259950-4260050
chr15	4288050	4288150	1065-Lng-A-T	57	chr15:4288050-4288150
chr15	4299350	4299450	1151-Lng-A-T	54	chr15:4299350-4299450
chr15	4305850	4305950	901-Lng-A-T	550	chr15:4305850-4305950
chr15	4308350	4308450	1274-Lng-A-T	73	chr15:4308350-4308450
chr15	4377850	4377950	1223-Lng-D-T	44	chr15:4377850-4377950
chr15	4381750	4381850	1065-Lng-C-T	66	chr15:4381750-4381850
chr15	4425750	4425850	1065-Lng-C-T	87	chr15:4425750-4425850
chr15	4454850	4454950	1065-Lng-A-T	87	chr15:4454850-4454950
chr15	4492250	4492350	901-Lng-C-T	54	chr15:4492250-4492350
chr15	4508850	4508950	1167-Lng-A-T	46	chr15:4508850-4508950
chr15	4521350	4521450	1072-Lng-A-T	5567	chr15:4521350-4521450
chr15	4666950	4667050	1065-Lng-B-T	52	chr15:4666950-4667050
chr15	4708050	4708150	1090-Lng-B-T	127	chr15:4708050-4708150
chr15	4712550	4712650	901-Lng-A-T	141	chr15:4712550-4712650
chr15	4712550	4712650	901-Lng-B-T	269	chr15:4712550-4712650
chr15	4737150	4737250	901-Lng-D-T	375	chr15:4737150-4737250
chr15	4863550	4863650	846-Lng-A-T	43	chr15:4863550-4863650
chr15	4904050	4904150	1090-Lng-B-T	320	chr15:4904050-4904150
chr15	4942350	4942450	846-Lng-A-T	102	chr15:4942350-4942450
chr15	4996850	4996950	846-Lng-A-T	118	chr15:4996850-4996950
chr15	5023650	5023750	901-Lng-C-T	196	chr15:5023650-5023750
chr15	5061550	5061650	1065-Lng-A-T	42	chr15:5061550-5061650
chr15	5089250	5089350	1065-Lng-B-T	124	chr15:5089250-5089350
chr15	5092150	5092250	1065-Lng-A-T	73	chr15:5092150-5092250
chr15	5100250	5100350	1090-Lng-A-T	57	chr15:5100250-5100350
chr15	5106750	5106850	1223-Lng-C-T	57	chr15:5106750-5106850
chr15	5116350	5116450	1188-Lng-A-T	59	chr15:5116350-5116450
chr15	5123950	5124050	1090-Lng-A-T	102	chr15:5123950-5124050
chr15	5139350	5139450	1151-Lng-A-T	91	chr15:5139350-5139450
chr15	5142950	5143050	901-Lng-C-T	37	chr15:5142950-5143050
chr15	5149450	5149550	1100-Lng-A-T	55	chr15:5149450-5149550

Table S2: SB Insertion regions

chr15	5161350	5161450	1223-Lng-C-T	89	chr15:5161350-5161450
chr15	5161650	5161750	1004-Lng-A-T	183	chr15:5161650-5161750
chr15	5162450	5162550	846-Lng-A-T	125	chr15:5162450-5162550
chr15	5200450	5200550	1188-Lng-A-T	39	chr15:5200450-5200550
chr15	5201650	5201750	1167-Lng-A-T	142	chr15:5201650-5201750
chr15	5203150	5203250	1090-Lng-A-T	85	chr15:5203150-5203250
chr15	5248150	5248250	901-Lng-B-T	143	chr15:5248150-5248250
chr15	5336650	5336750	1004-Lng-A-T	60	chr15:5336650-5336750
chr15	5338150	5338250	1065-Lng-A-T	65	chr15:5338150-5338250
chr15	5424150	5424250	1072-Lng-A-T	88	chr15:5424150-5424250
chr15	5452350	5452450	1072-Lng-A-T	50	chr15:5452350-5452450
chr15	5464350	5464450	1004-Lng-A-T	73	chr15:5464350-5464450
chr15	5510750	5510850	901-Lng-C-T	235	chr15:5510750-5510850
chr15	5596550	5596650	901-Lng-A-T	231	chr15:5596550-5596650
chr15	5690350	5690450	1223-Lng-A-T	214	chr15:5690350-5690450
chr15	5703450	5703550	1065-Lng-A-T	67	chr15:5703450-5703550
chr15	5900250	5900350	901-Lng-C-T	44	chr15:5900250-5900350
chr15	5922150	5922250	1090-Lng-A-T	46	chr15:5922150-5922250
chr15	5982150	5982250	846-Lng-A-T	77	chr15:5982150-5982250
chr15	6077550	6077650	1004-Lng-A-T	95	chr15:6077550-6077650
chr15	6108050	6108150	901-Lng-A-T	730	chr15:6108050-6108150
chr15	6110750	6110850	1072-Lng-A-T	71	chr15:6110750-6110850
chr15	6122850	6122950	1223-Lng-B-T	57	chr15:6122850-6122950
chr15	6182350	6182450	1065-Lng-B-T	48	chr15:6182350-6182450
chr15	6197650	6197750	1167-Lng-A-T	188	chr15:6197650-6197750
chr15	6208150	6208250	1072-Lng-A-T	56	chr15:6208150-6208250
chr15	6276050	6276150	901-Lng-A-T	107	chr15:6276050-6276150
chr15	6353050	6353150	1167-Lng-A-T	826	chr15:6353050-6353150
chr15	6422250	6422350	846-Lng-A-T	123	chr15:6422250-6422350
chr15	6427550	6427650	1223-Lng-A-T	173	chr15:6427550-6427650
chr15	6550350	6550450	901-Lng-A-T	102	chr15:6550350-6550450
chr15	6551050	6551150	901-Lng-A-T	354	chr15:6551050-6551150
chr15	6552350	6552450	1223-Lng-B-T	356	chr15:6552350-6552450
chr15	6563350	6563450	901-Lng-D-T	184	chr15:6563350-6563450
chr15	6659450	6659550	1065-Lng-B-T	59	chr15:6659450-6659550
chr15	6663650	6663750	1223-Lng-A-T	133	chr15:6663650-6663750
chr15	6666550	6666650	901-Lng-D-T	163	chr15:6666550-6666650
chr15	6668550	6668650	1065-Lng-B-T	45	chr15:6668550-6668650
chr15	6674650	6674750	1152-Lng-A-T	42	chr15:6674650-6674750
chr15	6676150	6676250	1065-Lng-A-T	67	chr15:6676150-6676250
chr15	6676450	6676550	1065-Lng-A-T	88	chr15:6676450-6676550
chr15	6680950	6681050	901-Lng-B-T	55	chr15:6680950-6681050
chr15	6688750	6688850	1090-Lng-A-T	119	chr15:6688750-6688850
chr15	6692050	6692150	1072-Lng-A-T	71	chr15:6692050-6692150
chr15	6698150	6698250	1072-Lng-A-T	69	chr15:6698150-6698250
chr15	6702050	6702150	1167-Lng-A-T	74	chr15:6702050-6702150

Table S2: SB Insertion regions

chr15	6702850	6702950	1274-Lng-A-T	55	chr15:6702850-6702950
chr15	6704350	6704450	1004-Lng-A-T	76	chr15:6704350-6704450
chr15	6723850	6723950	846-Lng-A-T	134	chr15:6723850-6723950
chr15	6730150	6730250	1188-Lng-A-T	38	chr15:6730150-6730250
chr15	6739950	6740050	1167-Lng-A-T	84	chr15:6739950-6740050
chr15	6751650	6751750	901-Lng-C-T	38	chr15:6751650-6751750
chr15	6758550	6758650	1065-Lng-B-T	50	chr15:6758550-6758650
chr15	6762750	6762850	846-Lng-A-T	42	chr15:6762750-6762850
chr15	6791450	6791550	1090-Lng-B-T	110	chr15:6791450-6791550
chr15	6795050	6795150	1065-Lng-A-T	107	chr15:6795050-6795150
chr15	6831850	6831950	1004-Lng-A-T	882	chr15:6831850-6831950
chr15	6913350	6913450	1065-Lng-B-T	65	chr15:6913350-6913450
chr15	6914350	6914450	1223-Lng-A-T	92	chr15:6914350-6914450
chr15	6989250	6989350	1167-Lng-A-T	53	chr15:6989250-6989350
chr15	7000250	7000350	1274-Lng-A-T	51	chr15:7000250-7000350
chr15	7030950	7031050	1090-Lng-A-T	71	chr15:7030950-7031050
chr15	7032550	7032650	1065-Lng-C-T	116	chr15:7032550-7032650
chr15	7053350	7053450	1065-Lng-A-T	52	chr15:7053350-7053450
chr15	7055050	7055150	1223-Lng-C-T	133	chr15:7055050-7055150
chr15	7056450	7056550	1100-Lng-A-T	144	chr15:7056450-7056550
chr15	7083250	7083350	1223-Lng-B-T	99	chr15:7083250-7083350
chr15	7095350	7095450	1065-Lng-A-T	38	chr15:7095350-7095450
chr15	7106950	7107050	1188-Lng-A-T	208	chr15:7106950-7107050
chr15	7117050	7117150	1188-Lng-A-T	40	chr15:7117050-7117150
chr15	7135050	7135150	1223-Lng-A-T	966	chr15:7135050-7135150
chr15	7144050	7144150	1090-Lng-A-T	82	chr15:7144050-7144150
chr15	7149350	7149450	1151-Lng-A-T	59	chr15:7149350-7149450
chr15	7173750	7173850	1274-Lng-A-T	78	chr15:7173750-7173850
chr15	7220650	7220750	901-Lng-B-T	267	chr15:7220650-7220750
chr15	7367850	7367950	901-Lng-D-T	437	chr15:7367850-7367950
chr15	7414150	7414250	846-Lng-A-T	72	chr15:7414150-7414250
chr15	7479150	7479250	1072-Lng-A-T	235	chr15:7479150-7479250
chr15	7511650	7511750	1223-Lng-C-T	79	chr15:7511650-7511750
chr15	7513350	7513450	1065-Lng-A-T	43	chr15:7513350-7513450
chr15	7523050	7523150	1065-Lng-A-T	65	chr15:7523050-7523150
chr15	7524650	7524750	1223-Lng-B-T	35	chr15:7524650-7524750
chr15	7535050	7535150	1065-Lng-A-T	68	chr15:7535050-7535150
chr15	7539750	7539850	1065-Lng-C-T	81	chr15:7539750-7539850
chr15	7542950	7543050	901-Lng-A-T	58	chr15:7542950-7543050
chr15	7614150	7614250	1167-Lng-A-T	68	chr15:7614150-7614250
chr15	7664850	7664950	1065-Lng-B-T	51	chr15:7664850-7664950
chr15	7666550	7666650	901-Lng-A-T	51	chr15:7666550-7666650
chr15	7736250	7736350	1223-Lng-B-T	45	chr15:7736250-7736350
chr15	7742250	7742350	1072-Lng-A-T	68	chr15:7742250-7742350
chr15	7742450	7742550	901-Lng-B-T	82	chr15:7742450-7742550
chr15	7773250	7773350	846-Lng-A-T	57	chr15:7773250-7773350

Table S2: SB Insertion regions

chr15	7774950	7775050	1274-Lng-A-T	71	chr15:7774950-7775050
chr15	7796350	7796450	1167-Lng-A-T	269	chr15:7796350-7796450
chr15	7841150	7841250	1167-Lng-A-T	46	chr15:7841150-7841250
chr15	7881450	7881550	1065-Lng-A-T	141	chr15:7881450-7881550
chr15	7881950	7882050	1167-Lng-A-T	145	chr15:7881950-7882050
chr15	7960850	7960950	1167-Lng-A-T	212	chr15:7960850-7960950
chr15	7964050	7964150	1223-Lng-A-T	160	chr15:7964050-7964150
chr15	8039050	8039150	901-Lng-D-T	273	chr15:8039050-8039150
chr15	8039850	8039950	901-Lng-C-T	65	chr15:8039850-8039950
chr15	8080850	8080950	901-Lng-A-T	150	chr15:8080850-8080950
chr15	8245450	8245550	1090-Lng-B-T	244	chr15:8245450-8245550
chr15	8255050	8255150	901-Lng-C-T	55	chr15:8255050-8255150
chr15	8262350	8262450	1065-Lng-A-T	57	chr15:8262350-8262450
chr15	8265250	8265350	1065-Lng-A-T	42	chr15:8265250-8265350
chr15	8281350	8281450	901-Lng-D-T	146	chr15:8281350-8281450
chr15	8288050	8288150	1223-Lng-B-T	55	chr15:8288050-8288150
chr15	8296550	8296650	1065-Lng-A-T	66	chr15:8296550-8296650
chr15	8296750	8296850	1223-Lng-D-T	45	chr15:8296750-8296850
chr15	8299250	8299350	1090-Lng-A-T	50	chr15:8299250-8299350
chr15	8299250	8299350	1065-Lng-C-T	106	chr15:8299250-8299350
chr15	8303150	8303250	1065-Lng-B-T	88	chr15:8303150-8303250
chr15	8311650	8311750	1223-Lng-D-T	54	chr15:8311650-8311750
chr15	8312650	8312750	901-Lng-C-T	266	chr15:8312650-8312750
chr15	8324950	8325050	1065-Lng-B-T	76	chr15:8324950-8325050
chr15	8329750	8329850	1065-Lng-A-T	65	chr15:8329750-8329850
chr15	8333850	8333950	1151-Lng-A-T	62	chr15:8333850-8333950
chr15	8334450	8334550	901-Lng-C-T	45	chr15:8334450-8334550
chr15	8340650	8340750	1072-Lng-A-T	249	chr15:8340650-8340750
chr15	8341550	8341650	1065-Lng-B-T	54	chr15:8341550-8341650
chr15	8342250	8342350	846-Lng-A-T	90	chr15:8342250-8342350
chr15	8344250	8344350	1167-Lng-A-T	82	chr15:8344250-8344350
chr15	8350550	8350650	1090-Lng-B-T	259	chr15:8350550-8350650
chr15	8355150	8355250	1274-Lng-A-T	92	chr15:8355150-8355250
chr15	8366850	8366950	1065-Lng-A-T	129	chr15:8366850-8366950
chr15	8376550	8376650	1072-Lng-A-T	90	chr15:8376550-8376650
chr15	8377850	8377950	1223-Lng-B-T	37	chr15:8377850-8377950
chr15	8379250	8379350	1167-Lng-A-T	61	chr15:8379250-8379350
chr15	8382250	8382350	901-Lng-C-T	59	chr15:8382250-8382350
chr15	8385150	8385250	1223-Lng-B-T	84	chr15:8385150-8385250
chr15	8385150	8385250	901-Lng-A-T	239	chr15:8385150-8385250
chr15	8393250	8393350	901-Lng-A-T	96	chr15:8393250-8393350
chr15	8620250	8620350	1004-Lng-A-T	74	chr15:8620250-8620350
chr15	8626450	8626550	901-Lng-A-T	380	chr15:8626450-8626550
chr15	8639750	8639850	1072-Lng-A-T	154	chr15:8639750-8639850
chr15	8645850	8645950	1167-Lng-A-T	50	chr15:8645850-8645950
chr15	8659650	8659750	1065-Lng-A-T	94	chr15:8659650-8659750

Table S2: SB Insertion regions

chr15	8696650	8696750	1065-Lng-B-T	53	chr15:8696650-8696750
chr15	8740450	8740550	1223-Lng-D-T	55	chr15:8740450-8740550
chr15	8754650	8754750	901-Lng-B-T	95	chr15:8754650-8754750
chr15	8759950	8760050	1065-Lng-B-T	65	chr15:8759950-8760050
chr15	8841150	8841250	1274-Lng-A-T	79	chr15:8841150-8841250
chr15	8881750	8881850	1065-Lng-B-T	111	chr15:8881750-8881850
chr15	8914050	8914150	1065-Lng-B-T	58	chr15:8914050-8914150
chr15	8997550	8997650	1004-Lng-A-T	696	chr15:8997550-8997650
chr15	9007250	9007350	1065-Lng-C-T	2869	chr15:9007250-9007350
chr15	9021250	9021350	1065-Lng-A-T	136	chr15:9021250-9021350
chr15	9022250	9022350	1065-Lng-B-T	134	chr15:9022250-9022350
chr15	9027150	9027250	1274-Lng-A-T	243	chr15:9027150-9027250
chr15	9027250	9027350	1090-Lng-B-T	110	chr15:9027250-9027350
chr15	9033450	9033550	1090-Lng-A-T	79	chr15:9033450-9033550
chr15	9042950	9043050	901-Lng-C-T	106	chr15:9042950-9043050
chr15	9056650	9056750	901-Lng-C-T	170	chr15:9056650-9056750
chr15	9076150	9076250	1090-Lng-A-T	114	chr15:9076150-9076250
chr15	9092550	9092650	846-Lng-A-T	76	chr15:9092550-9092650
chr15	9113550	9113650	901-Lng-D-T	66	chr15:9113550-9113650
chr15	9118250	9118350	1090-Lng-A-T	53	chr15:9118250-9118350
chr15	9123650	9123750	1065-Lng-B-T	49	chr15:9123650-9123750
chr15	9147850	9147950	1167-Lng-A-T	122	chr15:9147850-9147950
chr15	9201250	9201350	1223-Lng-B-T	35	chr15:9201250-9201350
chr15	9212250	9212350	1065-Lng-A-T	40	chr15:9212250-9212350
chr15	9292650	9292750	901-Lng-A-T	68	chr15:9292650-9292750
chr15	9343850	9343950	846-Lng-A-T	81	chr15:9343850-9343950
chr15	9389050	9389150	1090-Lng-A-T	59	chr15:9389050-9389150
chr15	9400950	9401050	901-Lng-B-T	134	chr15:9400950-9401050
chr15	9410150	9410250	1065-Lng-B-T	42	chr15:9410150-9410250
chr15	9443350	9443450	1223-Lng-C-T	69	chr15:9443350-9443450
chr15	9531250	9531350	846-Lng-A-T	85	chr15:9531250-9531350
chr15	9566350	9566450	901-Lng-D-T	313	chr15:9566350-9566450
chr15	9567750	9567850	1223-Lng-A-T	103	chr15:9567750-9567850
chr15	9589950	9590050	901-Lng-D-T	168	chr15:9589950-9590050
chr15	9660950	9661050	1004-Lng-A-T	58	chr15:9660950-9661050
chr15	9662150	9662250	846-Lng-A-T	539	chr15:9662150-9662250
chr15	9672750	9672850	1065-Lng-C-T	75	chr15:9672750-9672850
chr15	9693750	9693850	1072-Lng-A-T	70	chr15:9693750-9693850
chr15	9728250	9728350	1004-Lng-A-T	79	chr15:9728250-9728350
chr15	9762850	9762950	1065-Lng-B-T	60	chr15:9762850-9762950
chr15	9772250	9772350	1223-Lng-A-T	191	chr15:9772250-9772350
chr15	9801850	9801950	1152-Lng-A-T	44	chr15:9801850-9801950
chr15	9834250	9834350	1072-Lng-A-T	144	chr15:9834250-9834350
chr15	9856450	9856550	1004-Lng-A-T	103	chr15:9856450-9856550
chr15	9886150	9886250	1065-Lng-B-T	69	chr15:9886150-9886250
chr15	9911150	9911250	1065-Lng-B-T	116	chr15:9911150-9911250

Table S2: SB Insertion regions

chr15	10001350	10001450	1065-Lng-C-T	128	chr15:10001350-10001450
chr15	10062450	10062550	1004-Lng-A-T	54	chr15:10062450-10062550
chr15	10075550	10075650	901-Lng-A-T	109	chr15:10075550-10075650
chr15	10107250	10107350	1090-Lng-A-T	87	chr15:10107250-10107350
chr15	10172650	10172750	1065-Lng-B-T	113	chr15:10172650-10172750
chr15	10211150	10211250	1223-Lng-B-T	59	chr15:10211150-10211250
chr15	10218650	10218750	1223-Lng-A-T	75	chr15:10218650-10218750
chr15	10257650	10257750	901-Lng-A-T	112	chr15:10257650-10257750
chr15	10340650	10340750	1072-Lng-A-T	108	chr15:10340650-10340750
chr15	10378350	10378450	901-Lng-C-T	292	chr15:10378350-10378450
chr15	10393850	10393950	1065-Lng-B-T	65	chr15:10393850-10393950
chr15	10398050	10398150	1151-Lng-A-T	345	chr15:10398050-10398150
chr15	10404750	10404850	1223-Lng-C-T	313	chr15:10404750-10404850
chr15	10406550	10406650	1065-Lng-C-T	75	chr15:10406550-10406650
chr15	10411050	10411150	901-Lng-D-T	411	chr15:10411050-10411150
chr15	10434550	10434650	1223-Lng-C-T	530	chr15:10434550-10434650
chr15	10497750	10497850	1152-Lng-A-T	156	chr15:10497750-10497850
chr15	10505750	10505850	901-Lng-B-T	179	chr15:10505750-10505850
chr15	10507550	10507650	1072-Lng-A-T	59	chr15:10507550-10507650
chr15	10527250	10527350	1065-Lng-B-T	921	chr15:10527250-10527350
chr15	10528850	10528950	1065-Lng-B-T	41	chr15:10528850-10528950
chr15	10549250	10549350	901-Lng-C-T	77	chr15:10549250-10549350
chr15	10578650	10578750	1065-Lng-B-T	63	chr15:10578650-10578750
chr15	10579050	10579150	1274-Lng-A-T	186	chr15:10579050-10579150
chr15	10585550	10585650	1223-Lng-B-T	39	chr15:10585550-10585650
chr15	10587450	10587550	1004-Lng-A-T	68	chr15:10587450-10587550
chr15	10597050	10597150	1004-Lng-A-T	152	chr15:10597050-10597150
chr15	10621650	10621750	846-Lng-A-T	48	chr15:10621650-10621750
chr15	10641750	10641850	1004-Lng-A-T	57	chr15:10641750-10641850
chr15	10690850	10690950	1065-Lng-A-T	66	chr15:10690850-10690950
chr15	10709650	10709750	901-Lng-C-T	32	chr15:10709650-10709750
chr15	10722850	10722950	901-Lng-B-T	135	chr15:10722850-10722950
chr15	10753050	10753150	1090-Lng-B-T	641	chr15:10753050-10753150
chr15	10758650	10758750	1223-Lng-C-T	389	chr15:10758650-10758750
chr15	10774050	10774150	901-Lng-B-T	71	chr15:10774050-10774150
chr15	10830050	10830150	1065-Lng-B-T	41	chr15:10830050-10830150
chr15	10837650	10837750	1065-Lng-C-T	78	chr15:10837650-10837750
chr15	10846250	10846350	901-Lng-D-T	38	chr15:10846250-10846350
chr15	10865650	10865750	1167-Lng-A-T	117	chr15:10865650-10865750
chr15	10904950	10905050	846-Lng-A-T	154	chr15:10904950-10905050
chr15	10939050	10939150	1090-Lng-A-T	52	chr15:10939050-10939150
chr15	11035650	11035750	901-Lng-B-T	164	chr15:11035650-11035750
chr15	11086450	11086550	901-Lng-A-T	100	chr15:11086450-11086550
chr15	11093150	11093250	1223-Lng-C-T	56	chr15:11093150-11093250
chr15	11095350	11095450	1065-Lng-A-T	480	chr15:11095350-11095450
chr15	11239150	11239250	1167-Lng-A-T	78	chr15:11239150-11239250

Table S2: SB Insertion regions

chr15	11262150	11262250	1065-Lng-B-T	94	chr15:11262150-11262250
chr15	11278450	11278550	901-Lng-C-T	85	chr15:11278450-11278550
chr15	11322450	11322550	1065-Lng-C-T	62	chr15:11322450-11322550
chr15	11327750	11327850	901-Lng-C-T	36	chr15:11327750-11327850
chr15	11357750	11357850	901-Lng-D-T	206	chr15:11357750-11357850
chr15	11419050	11419150	1090-Lng-A-T	839	chr15:11419050-11419150
chr15	11436050	11436150	846-Lng-A-T	110	chr15:11436050-11436150
chr15	11452250	11452350	1072-Lng-A-T	82	chr15:11452250-11452350
chr15	11490650	11490750	901-Lng-B-T	66	chr15:11490650-11490750
chr15	11518950	11519050	901-Lng-A-T	281	chr15:11518950-11519050
chr15	11547750	11547850	1072-Lng-A-T	78	chr15:11547750-11547850
chr15	11547750	11547850	1004-Lng-A-T	79	chr15:11547750-11547850
chr15	11585750	11585850	1274-Lng-A-T	58	chr15:11585750-11585850
chr15	11595750	11595850	901-Lng-C-T	133	chr15:11595750-11595850
chr15	11619450	11619550	1072-Lng-A-T	66	chr15:11619450-11619550
chr15	11623150	11623250	1065-Lng-A-T	52	chr15:11623150-11623250
chr15	11674250	11674350	1167-Lng-A-T	47	chr15:11674250-11674350
chr15	11703350	11703450	1065-Lng-A-T	59	chr15:11703350-11703450
chr15	11782450	11782550	1223-Lng-A-T	188	chr15:11782450-11782550
chr15	11804550	11804650	1090-Lng-A-T	74	chr15:11804550-11804650
chr15	11840550	11840650	1223-Lng-C-T	70	chr15:11840550-11840650
chr15	11840650	11840750	1072-Lng-A-T	53	chr15:11840650-11840750
chr15	11891050	11891150	1065-Lng-B-T	48	chr15:11891050-11891150
chr15	11912550	11912650	1223-Lng-D-T	41	chr15:11912550-11912650
chr15	11915750	11915850	1223-Lng-B-T	41	chr15:11915750-11915850
chr15	11919250	11919350	1188-Lng-A-T	35	chr15:11919250-11919350
chr15	11937450	11937550	1188-Lng-A-T	83	chr15:11937450-11937550
chr15	11939250	11939350	1065-Lng-B-T	59	chr15:11939250-11939350
chr15	11940850	11940950	901-Lng-B-T	403	chr15:11940850-11940950
chr15	11958650	11958750	1065-Lng-B-T	67	chr15:11958650-11958750
chr15	11968950	11969050	1065-Lng-B-T	80	chr15:11968950-11969050
chr15	12044750	12044850	901-Lng-C-T	282	chr15:12044750-12044850
chr15	12053250	12053350	1152-Lng-A-T	49	chr15:12053250-12053350
chr15	12058350	12058450	1072-Lng-A-T	57	chr15:12058350-12058450
chr15	12059250	12059350	901-Lng-B-T	152	chr15:12059250-12059350
chr15	12065750	12065850	1223-Lng-A-T	160	chr15:12065750-12065850
chr15	12069850	12069950	1004-Lng-A-T	96	chr15:12069850-12069950
chr15	12084550	12084650	1167-Lng-A-T	149	chr15:12084550-12084650
chr15	12084650	12084750	1090-Lng-A-T	108	chr15:12084650-12084750
chr15	12086450	12086550	1065-Lng-B-T	42	chr15:12086450-12086550
chr15	12086450	12086550	1223-Lng-A-T	1834	chr15:12086450-12086550
chr15	12088850	12088950	846-Lng-A-T	173	chr15:12088850-12088950
chr15	12090150	12090250	1223-Lng-D-T	221	chr15:12090150-12090250
chr15	12094150	12094250	901-Lng-B-T	120	chr15:12094150-12094250
chr15	12106950	12107050	1223-Lng-A-T	74	chr15:12106950-12107050
chr15	12107650	12107750	1072-Lng-A-T	12322	chr15:12107650-12107750

Table S2: SB Insertion regions

chr15	12110450	12110550	1100-Lng-A-T	78	chr15:12110450-12110550
chr15	12115250	12115350	1004-Lng-A-T	69	chr15:12115250-12115350
chr15	12159750	12159850	1223-Lng-B-T	34	chr15:12159750-12159850
chr15	12165950	12166050	1065-Lng-A-T	615	chr15:12165950-12166050
chr15	12171750	12171850	1065-Lng-B-T	55	chr15:12171750-12171850
chr15	12172750	12172850	1223-Lng-D-T	44	chr15:12172750-12172850
chr15	12174850	12174950	1065-Lng-A-T	49	chr15:12174850-12174950
chr15	12175650	12175750	1004-Lng-A-T	85	chr15:12175650-12175750
chr15	12187750	12187850	901-Lng-A-T	112	chr15:12187750-12187850
chr15	12187750	12187850	1072-Lng-A-T	50	chr15:12187750-12187850
chr15	12195650	12195750	1065-Lng-A-T	99	chr15:12195650-12195750
chr15	12205450	12205550	1223-Lng-A-T	299	chr15:12205450-12205550
chr15	12236150	12236250	1072-Lng-A-T	185	chr15:12236150-12236250
chr15	12255250	12255350	901-Lng-A-T	79	chr15:12255250-12255350
chr15	12259350	12259450	1152-Lng-A-T	929	chr15:12259350-12259450
chr15	12263250	12263350	1274-Lng-A-T	55	chr15:12263250-12263350
chr15	12269850	12269950	1223-Lng-A-T	97	chr15:12269850-12269950
chr15	12275750	12275850	1151-Lng-A-T	253	chr15:12275750-12275850
chr15	12282750	12282850	1065-Lng-C-T	3175	chr15:12282750-12282850
chr15	12286950	12287050	846-Lng-A-T	144	chr15:12286950-12287050
chr15	12334750	12334850	1065-Lng-C-T	104	chr15:12334750-12334850
chr15	12357950	12358050	1223-Lng-C-T	45	chr15:12357950-12358050
chr15	12415750	12415850	1100-Lng-B-T	53	chr15:12415750-12415850
chr15	12415950	12416050	1004-Lng-A-T	66	chr15:12415950-12416050
chr15	12428550	12428650	901-Lng-A-T	81	chr15:12428550-12428650
chr15	12482250	12482350	1152-Lng-A-T	82	chr15:12482250-12482350
chr15	12574950	12575050	901-Lng-B-T	52	chr15:12574950-12575050
chr15	12592150	12592250	901-Lng-B-T	83	chr15:12592150-12592250
chr15	12599350	12599450	1223-Lng-A-T	81	chr15:12599350-12599450
chr15	12600050	12600150	1223-Lng-A-T	360	chr15:12600050-12600150
chr15	12609650	12609750	1090-Lng-A-T	73	chr15:12609650-12609750
chr15	12658450	12658550	1167-Lng-A-T	102	chr15:12658450-12658550
chr15	12695450	12695550	1223-Lng-A-T	53	chr15:12695450-12695550
chr15	12760450	12760550	846-Lng-A-T	45	chr15:12760450-12760550
chr15	12771350	12771450	1152-Lng-A-T	84	chr15:12771350-12771450
chr15	12800150	12800250	1223-Lng-A-T	234	chr15:12800150-12800250
chr15	12815050	12815150	1072-Lng-A-T	81	chr15:12815050-12815150
chr15	12828350	12828450	1090-Lng-A-T	345	chr15:12828350-12828450
chr15	12837150	12837250	901-Lng-C-T	171	chr15:12837150-12837250
chr15	12852150	12852250	1065-Lng-C-T	2423	chr15:12852150-12852250
chr15	12937550	12937650	1090-Lng-B-T	458	chr15:12937550-12937650
chr15	12955350	12955450	1090-Lng-A-T	88	chr15:12955350-12955450
chr15	13015250	13015350	1004-Lng-A-T	19042	chr15:13015250-13015350
chr15	13015850	13015950	1004-Lng-A-T	57	chr15:13015850-13015950
chr15	13089050	13089150	1065-Lng-B-T	67	chr15:13089050-13089150
chr15	13142350	13142450	1072-Lng-A-T	245	chr15:13142350-13142450

Table S2: SB Insertion regions

chr15	13200050	13200150	901-Lng-C-T	30	chr15:13200050-13200150
chr15	13238950	13239050	1072-Lng-A-T	106	chr15:13238950-13239050
chr15	13259850	13259950	1072-Lng-A-T	253	chr15:13259850-13259950
chr15	13261550	13261650	1223-Lng-B-T	61	chr15:13261550-13261650
chr15	13348750	13348850	1188-Lng-A-T	120	chr15:13348750-13348850
chr15	13390850	13390950	1223-Lng-B-T	43	chr15:13390850-13390950
chr15	13396250	13396350	901-Lng-A-T	236	chr15:13396250-13396350
chr15	13407950	13408050	1072-Lng-A-T	153	chr15:13407950-13408050
chr15	13474550	13474650	901-Lng-C-T	87	chr15:13474550-13474650
chr15	13479750	13479850	1065-Lng-B-T	125	chr15:13479750-13479850
chr15	13505250	13505350	1004-Lng-A-T	139	chr15:13505250-13505350
chr15	13541150	13541250	1072-Lng-A-T	131	chr15:13541150-13541250
chr15	13558150	13558250	901-Lng-A-T	209	chr15:13558150-13558250
chr15	13608250	13608350	901-Lng-A-T	90	chr15:13608250-13608350
chr15	13653350	13653450	1090-Lng-B-T	775	chr15:13653350-13653450
chr15	13681150	13681250	1065-Lng-A-T	53	chr15:13681150-13681250
chr15	13693850	13693950	1065-Lng-B-T	41	chr15:13693850-13693950
chr15	13716550	13716650	1223-Lng-A-T	230	chr15:13716550-13716650
chr15	13771750	13771850	1223-Lng-B-T	361	chr15:13771750-13771850
chr15	13785850	13785950	901-Lng-C-T	220	chr15:13785850-13785950
chr15	13808850	13808950	1072-Lng-A-T	60	chr15:13808850-13808950
chr15	13864150	13864250	1090-Lng-A-T	68	chr15:13864150-13864250
chr15	13888450	13888550	1072-Lng-A-T	53	chr15:13888450-13888550
chr15	13923550	13923650	846-Lng-A-T	138	chr15:13923550-13923650
chr15	13956450	13956550	901-Lng-C-T	161	chr15:13956450-13956550
chr15	13975050	13975150	1065-Lng-B-T	47	chr15:13975050-13975150
chr15	13987550	13987650	1072-Lng-A-T	48	chr15:13987550-13987650
chr15	13988850	13988950	1065-Lng-A-T	91	chr15:13988850-13988950
chr15	14006950	14007050	901-Lng-C-T	31	chr15:14006950-14007050
chr15	14077450	14077550	1152-Lng-A-T	123	chr15:14077450-14077550
chr15	14094850	14094950	1065-Lng-B-T	207	chr15:14094850-14094950
chr15	14104150	14104250	1065-Lng-B-T	77	chr15:14104150-14104250
chr15	14114350	14114450	901-Lng-B-T	256	chr15:14114350-14114450
chr15	14124450	14124550	901-Lng-B-T	185	chr15:14124450-14124550
chr15	14201450	14201550	1072-Lng-A-T	215	chr15:14201450-14201550
chr15	14203350	14203450	1004-Lng-A-T	59	chr15:14203350-14203450
chr15	14255150	14255250	846-Lng-A-T	214	chr15:14255150-14255250
chr15	14318750	14318850	1152-Lng-A-T	62	chr15:14318750-14318850
chr15	14329950	14330050	1065-Lng-B-T	83	chr15:14329950-14330050
chr15	14343750	14343850	1004-Lng-A-T	105	chr15:14343750-14343850
chr15	14384950	14385050	1072-Lng-A-T	189	chr15:14384950-14385050
chr15	14440250	14440350	1072-Lng-A-T	68	chr15:14440250-14440350
chr15	14444750	14444850	846-Lng-A-T	106	chr15:14444750-14444850
chr15	14448450	14448550	1065-Lng-B-T	46	chr15:14448450-14448550
chr15	14450750	14450850	1065-Lng-A-T	55	chr15:14450750-14450850
chr15	14513050	14513150	1151-Lng-A-T	229	chr15:14513050-14513150

Table S2: SB Insertion regions

chr15	14514250	14514350	1223-Lng-B-T	41	chr15:14514250-14514350
chr15	14527350	14527450	1065-Lng-A-T	39	chr15:14527350-14527450
chr15	14538850	14538950	901-Lng-A-T	66	chr15:14538850-14538950
chr15	14559550	14559650	1090-Lng-A-T	89	chr15:14559550-14559650
chr15	14608250	14608350	846-Lng-A-T	207	chr15:14608250-14608350
chr15	14676150	14676250	1072-Lng-A-T	71	chr15:14676150-14676250
chr15	14676250	14676350	1090-Lng-A-T	55	chr15:14676250-14676350
chr15	14676850	14676950	1223-Lng-B-T	69	chr15:14676850-14676950
chr15	14677850	14677950	846-Lng-A-T	87	chr15:14677850-14677950
chr15	14685650	14685750	1090-Lng-B-T	550	chr15:14685650-14685750
chr15	14767750	14767850	1090-Lng-A-T	142	chr15:14767750-14767850
chr15	14792650	14792750	901-Lng-B-T	231	chr15:14792650-14792750
chr15	14800250	14800350	901-Lng-B-T	90	chr15:14800250-14800350
chr15	14809650	14809750	901-Lng-C-T	31	chr15:14809650-14809750
chr15	14814550	14814650	1065-Lng-A-T	69	chr15:14814550-14814650
chr15	14817950	14818050	1004-Lng-A-T	59	chr15:14817950-14818050
chr15	14838650	14838750	846-Lng-A-T	132	chr15:14838650-14838750
chr15	14880650	14880750	1072-Lng-A-T	53	chr15:14880650-14880750
chr15	14891350	14891450	1072-Lng-A-T	59	chr15:14891350-14891450
chr15	14942050	14942150	1065-Lng-A-T	38	chr15:14942050-14942150
chr15	14958550	14958650	1151-Lng-A-T	91	chr15:14958550-14958650
chr15	14969350	14969450	1152-Lng-A-T	84	chr15:14969350-14969450
chr15	14972750	14972850	901-Lng-A-T	134	chr15:14972750-14972850
chr15	15009050	15009150	1065-Lng-A-T	52	chr15:15009050-15009150
chr15	15014450	15014550	1072-Lng-A-T	81	chr15:15014450-15014550
chr15	15018150	15018250	901-Lng-C-T	42	chr15:15018150-15018250
chr15	15029050	15029150	901-Lng-B-T	144	chr15:15029050-15029150
chr15	15041450	15041550	901-Lng-A-T	167	chr15:15041450-15041550
chr15	15041650	15041750	1065-Lng-B-T	40	chr15:15041650-15041750
chr15	15051050	15051150	1072-Lng-A-T	116	chr15:15051050-15051150
chr15	15052950	15053050	1090-Lng-A-T	60	chr15:15052950-15053050
chr15	15055550	15055650	1090-Lng-A-T	75	chr15:15055550-15055650
chr15	15100950	15101050	1065-Lng-B-T	47	chr15:15100950-15101050
chr15	15150050	15150150	1072-Lng-A-T	89	chr15:15150050-15150150
chr15	15158050	15158150	1065-Lng-A-T	73	chr15:15158050-15158150
chr15	15202950	15203050	1223-Lng-A-T	662	chr15:15202950-15203050
chr15	15206750	15206850	1072-Lng-A-T	149	chr15:15206750-15206850
chr15	15207050	15207150	1065-Lng-B-T	447	chr15:15207050-15207150
chr15	15236850	15236950	901-Lng-A-T	113	chr15:15236850-15236950
chr15	15258350	15258450	901-Lng-C-T	301	chr15:15258350-15258450
chr15	15259650	15259750	1072-Lng-A-T	120	chr15:15259650-15259750
chr15	15296850	15296950	1072-Lng-A-T	75	chr15:15296850-15296950
chr15	15297150	15297250	1004-Lng-A-T	107	chr15:15297150-15297250
chr15	15358950	15359050	1065-Lng-B-T	76	chr15:15358950-15359050
chr15	15390450	15390550	1090-Lng-A-T	84	chr15:15390450-15390550
chr15	15419850	15419950	1065-Lng-B-T	81	chr15:15419850-15419950

Table S2: SB Insertion regions

chr15	15442950	15443050	846-Lng-A-T	46	chr15:15442950-15443050
chr15	15465450	15465550	901-Lng-B-T	219	chr15:15465450-15465550
chr15	15469950	15470050	1090-Lng-A-T	68	chr15:15469950-15470050
chr15	15502650	15502750	1223-Lng-A-T	244	chr15:15502650-15502750
chr15	15543150	15543250	901-Lng-C-T	37	chr15:15543150-15543250
chr15	15544750	15544850	1223-Lng-A-T	152	chr15:15544750-15544850
chr15	15551850	15551950	1090-Lng-A-T	44	chr15:15551850-15551950
chr15	15552850	15552950	901-Lng-C-T	72	chr15:15552850-15552950
chr15	15566650	15566750	1223-Lng-A-T	192	chr15:15566650-15566750
chr15	15567750	15567850	901-Lng-C-T	63	chr15:15567750-15567850
chr15	15600550	15600650	901-Lng-D-T	320	chr15:15600550-15600650
chr15	15602150	15602250	901-Lng-A-T	77	chr15:15602150-15602250
chr15	15690250	15690350	901-Lng-C-T	70	chr15:15690250-15690350
chr15	15700550	15700650	846-Lng-A-T	186	chr15:15700550-15700650
chr15	15708250	15708350	1065-Lng-A-T	513	chr15:15708250-15708350
chr15	15787850	15787950	1065-Lng-B-T	48	chr15:15787850-15787950
chr15	15806450	15806550	901-Lng-C-T	41	chr15:15806450-15806550
chr15	15808250	15808350	1188-Lng-A-T	293	chr15:15808250-15808350
chr15	15828650	15828750	1072-Lng-A-T	68	chr15:15828650-15828750
chr15	15874450	15874550	846-Lng-A-T	102	chr15:15874450-15874550
chr15	15904750	15904850	1090-Lng-A-T	546	chr15:15904750-15904850
chr15	15905650	15905750	1065-Lng-A-T	159	chr15:15905650-15905750
chr15	15909450	15909550	901-Lng-A-T	104	chr15:15909450-15909550
chr15	15928750	15928850	1223-Lng-A-T	295	chr15:15928750-15928850
chr15	15940950	15941050	901-Lng-A-T	64	chr15:15940950-15941050
chr15	15944550	15944650	901-Lng-A-T	70	chr15:15944550-15944650
chr15	15959050	15959150	1072-Lng-A-T	113	chr15:15959050-15959150
chr15	15960650	15960750	1090-Lng-B-T	339	chr15:15960650-15960750
chr15	15993150	15993250	1065-Lng-B-T	118	chr15:15993150-15993250
chr15	16001750	16001850	901-Lng-C-T	30	chr15:16001750-16001850
chr15	16018950	16019050	1065-Lng-B-T	39	chr15:16018950-16019050
chr15	16168750	16168850	1090-Lng-A-T	103	chr15:16168750-16168850
chr15	16171250	16171350	1065-Lng-B-T	161	chr15:16171250-16171350
chr15	16171950	16172050	1090-Lng-A-T	90	chr15:16171950-16172050
chr15	16242450	16242550	1065-Lng-C-T	65	chr15:16242450-16242550
chr15	16335050	16335150	1223-Lng-A-T	60	chr15:16335050-16335150
chr15	16344150	16344250	1065-Lng-C-T	91	chr15:16344150-16344250
chr15	16358550	16358650	1065-Lng-C-T	96	chr15:16358550-16358650
chr15	16365650	16365750	1072-Lng-A-T	48	chr15:16365650-16365750
chr15	16402250	16402350	901-Lng-B-T	66	chr15:16402250-16402350
chr15	16466850	16466950	846-Lng-A-T	80	chr15:16466850-16466950
chr15	16473450	16473550	1274-Lng-A-T	49	chr15:16473450-16473550
chr15	16484450	16484550	1065-Lng-B-T	64	chr15:16484450-16484550
chr15	16528750	16528850	1072-Lng-A-T	175	chr15:16528750-16528850
chr15	16559450	16559550	1072-Lng-A-T	67	chr15:16559450-16559550
chr15	16573050	16573150	1223-Lng-B-T	58	chr15:16573050-16573150

Table S2: SB Insertion regions

chr15	16597350	16597450	901-Lng-A-T	331	chr15:16597350-16597450
chr15	16598750	16598850	1152-Lng-A-T	33	chr15:16598750-16598850
chr15	16614550	16614650	901-Lng-B-T	219	chr15:16614550-16614650
chr15	16623650	16623750	1072-Lng-A-T	67	chr15:16623650-16623750
chr15	16639750	16639850	1223-Lng-C-T	49	chr15:16639750-16639850
chr15	16642550	16642650	846-Lng-A-T	75	chr15:16642550-16642650
chr15	16645950	16646050	1065-Lng-B-T	78	chr15:16645950-16646050
chr15	16676350	16676450	1072-Lng-A-T	67	chr15:16676350-16676450
chr15	16683250	16683350	901-Lng-C-T	44	chr15:16683250-16683350
chr15	16703450	16703550	1065-Lng-C-T	63	chr15:16703450-16703550
chr15	16714650	16714750	1065-Lng-B-T	44	chr15:16714650-16714750
chr15	16750250	16750350	1004-Lng-A-T	51	chr15:16750250-16750350
chr15	16763950	16764050	1004-Lng-A-T	107	chr15:16763950-16764050
chr15	16782850	16782950	901-Lng-C-T	263	chr15:16782850-16782950
chr15	16786950	16787050	846-Lng-A-T	45	chr15:16786950-16787050
chr15	16894550	16894650	1065-Lng-A-T	77	chr15:16894550-16894650
chr15	16916750	16916850	1065-Lng-B-T	86	chr15:16916750-16916850
chr15	16956050	16956150	1072-Lng-A-T	169	chr15:16956050-16956150
chr15	16992850	16992950	1004-Lng-A-T	65	chr15:16992850-16992950
chr15	17000750	17000850	901-Lng-C-T	161	chr15:17000750-17000850
chr15	17053950	17054050	1065-Lng-C-T	154	chr15:17053950-17054050
chr15	17059150	17059250	901-Lng-A-T	112	chr15:17059150-17059250
chr15	17151550	17151650	1065-Lng-A-T	71	chr15:17151550-17151650
chr15	17165950	17166050	1065-Lng-B-T	84	chr15:17165950-17166050
chr15	17193950	17194050	1004-Lng-A-T	59	chr15:17193950-17194050
chr15	17195650	17195750	1065-Lng-B-T	92	chr15:17195650-17195750
chr15	17195650	17195750	1065-Lng-A-T	53	chr15:17195650-17195750
chr15	17212050	17212150	901-Lng-A-T	191	chr15:17212050-17212150
chr15	17219450	17219550	1072-Lng-A-T	108	chr15:17219450-17219550
chr15	17232350	17232450	1065-Lng-C-T	202	chr15:17232350-17232450
chr15	17233850	17233950	901-Lng-C-T	29	chr15:17233850-17233950
chr15	17266950	17267050	1065-Lng-C-T	1603	chr15:17266950-17267050
chr15	17304650	17304750	1065-Lng-B-T	108	chr15:17304650-17304750
chr15	17351150	17351250	846-Lng-A-T	43	chr15:17351150-17351250
chr15	17354450	17354550	1065-Lng-A-T	95	chr15:17354450-17354550
chr15	17367450	17367550	901-Lng-A-T	110	chr15:17367450-17367550
chr15	17371650	17371750	846-Lng-A-T	459	chr15:17371650-17371750
chr15	17403250	17403350	901-Lng-A-T	81	chr15:17403250-17403350
chr15	17427150	17427250	1065-Lng-C-T	829	chr15:17427150-17427250
chr15	17455950	17456050	901-Lng-A-T	60	chr15:17455950-17456050
chr15	17488750	17488850	1100-Lng-A-T	77	chr15:17488750-17488850
chr15	17495450	17495550	1065-Lng-A-T	90	chr15:17495450-17495550
chr15	17584350	17584450	1065-Lng-A-T	65	chr15:17584350-17584450
chr15	17591450	17591550	1223-Lng-A-T	147	chr15:17591450-17591550
chr15	17598450	17598550	1090-Lng-A-T	81	chr15:17598450-17598550
chr15	17611750	17611850	1065-Lng-A-T	158	chr15:17611750-17611850

Table S2: SB Insertion regions

chr15	17618750	17618850	1223-Lng-A-T	514	chr15:17618750-17618850
chr15	17634850	17634950	1065-Lng-A-T	84	chr15:17634850-17634950
chr15	17645650	17645750	1065-Lng-C-T	74	chr15:17645650-17645750
chr15	17695650	17695750	1223-Lng-B-T	70	chr15:17695650-17695750
chr15	17709450	17709550	1065-Lng-A-T	75	chr15:17709450-17709550
chr15	17742450	17742550	1065-Lng-A-T	151	chr15:17742450-17742550
chr15	17784650	17784750	1065-Lng-A-T	41	chr15:17784650-17784750
chr15	17797850	17797950	901-Lng-C-T	60	chr15:17797850-17797950
chr15	17799850	17799950	901-Lng-A-T	127	chr15:17799850-17799950
chr15	17881150	17881250	1100-Lng-B-T	173	chr15:17881150-17881250
chr15	17917250	17917350	1065-Lng-A-T	68	chr15:17917250-17917350
chr15	17928550	17928650	1065-Lng-A-T	114	chr15:17928550-17928650
chr15	17933350	17933450	1065-Lng-C-T	91	chr15:17933350-17933450
chr15	17963850	17963950	1072-Lng-A-T	69	chr15:17963850-17963950
chr15	18019150	18019250	1065-Lng-B-T	69	chr15:18019150-18019250
chr15	18033950	18034050	1065-Lng-B-T	70	chr15:18033950-18034050
chr15	18045950	18046050	1065-Lng-A-T	45	chr15:18045950-18046050
chr15	18089850	18089950	1072-Lng-A-T	184	chr15:18089850-18089950
chr15	18129450	18129550	1004-Lng-A-T	120	chr15:18129450-18129550
chr15	18204550	18204650	846-Lng-A-T	215	chr15:18204550-18204650
chr15	18210750	18210850	901-Lng-C-T	68	chr15:18210750-18210850
chr15	18220950	18221050	1223-Lng-C-T	53	chr15:18220950-18221050
chr15	18227150	18227250	901-Lng-A-T	69	chr15:18227150-18227250
chr15	18295650	18295750	901-Lng-B-T	139	chr15:18295650-18295750
chr15	18316750	18316850	846-Lng-A-T	47	chr15:18316750-18316850
chr15	18346950	18347050	901-Lng-C-T	97	chr15:18346950-18347050
chr15	18355450	18355550	901-Lng-A-T	89	chr15:18355450-18355550
chr15	18365250	18365350	1065-Lng-B-T	67	chr15:18365250-18365350
chr15	18418150	18418250	901-Lng-A-T	105	chr15:18418150-18418250
chr15	18446350	18446450	1065-Lng-A-T	119	chr15:18446350-18446450
chr15	18480550	18480650	1065-Lng-B-T	72	chr15:18480550-18480650
chr15	18531250	18531350	901-Lng-D-T	141	chr15:18531250-18531350
chr15	18532950	18533050	901-Lng-A-T	56	chr15:18532950-18533050
chr15	18545850	18545950	1223-Lng-B-T	36	chr15:18545850-18545950
chr15	18631450	18631550	1072-Lng-A-T	80	chr15:18631450-18631550
chr15	18673550	18673650	1090-Lng-B-T	298	chr15:18673550-18673650
chr15	18704150	18704250	901-Lng-C-T	268	chr15:18704150-18704250
chr15	18712650	18712750	901-Lng-C-T	31	chr15:18712650-18712750
chr15	18740850	18740950	901-Lng-C-T	47	chr15:18740850-18740950
chr15	18749550	18749650	846-Lng-A-T	85	chr15:18749550-18749650
chr15	18752850	18752950	901-Lng-D-T	67	chr15:18752850-18752950
chr15	18755950	18756050	1152-Lng-A-T	102	chr15:18755950-18756050
chr15	18791550	18791650	1065-Lng-B-T	43	chr15:18791550-18791650
chr15	18845750	18845850	846-Lng-A-T	147	chr15:18845750-18845850
chr15	18847950	18848050	1004-Lng-A-T	53	chr15:18847950-18848050
chr15	18864650	18864750	1072-Lng-A-T	52	chr15:18864650-18864750

Table S2: SB Insertion regions

chr15	18896150	18896250	1065-Lng-C-T	91	chr15:18896150-18896250
chr15	18909850	18909950	1065-Lng-B-T	81	chr15:18909850-18909950
chr15	18911750	18911850	1151-Lng-A-T	66	chr15:18911750-18911850
chr15	18927450	18927550	1090-Lng-B-T	95	chr15:18927450-18927550
chr15	18958350	18958450	1065-Lng-B-T	39	chr15:18958350-18958450
chr15	19012550	19012650	1065-Lng-A-T	86	chr15:19012550-19012650
chr15	19153150	19153250	1065-Lng-B-T	61	chr15:19153150-19153250
chr15	19166050	19166150	1065-Lng-B-T	69	chr15:19166050-19166150
chr15	19209250	19209350	1065-Lng-A-T	38	chr15:19209250-19209350
chr15	19211850	19211950	1090-Lng-A-T	83	chr15:19211850-19211950
chr15	19216650	19216750	1004-Lng-A-T	70	chr15:19216650-19216750
chr15	19319250	19319350	846-Lng-A-T	116	chr15:19319250-19319350
chr15	19322850	19322950	1223-Lng-A-T	91	chr15:19322850-19322950
chr15	19327550	19327650	901-Lng-A-T	58	chr15:19327550-19327650
chr15	19345350	19345450	1004-Lng-A-T	381	chr15:19345350-19345450
chr15	19354350	19354450	1065-Lng-A-T	78	chr15:19354350-19354450
chr15	19354650	19354750	1065-Lng-B-T	69	chr15:19354650-19354750
chr15	19367450	19367550	1151-Lng-A-T	213	chr15:19367450-19367550
chr15	19368750	19368850	1090-Lng-A-T	59	chr15:19368750-19368850
chr15	19387850	19387950	901-Lng-B-T	167	chr15:19387850-19387950
chr15	19401550	19401650	1065-Lng-C-T	66	chr15:19401550-19401650
chr15	19406850	19406950	846-Lng-A-T	105	chr15:19406850-19406950
chr15	19476850	19476950	1065-Lng-B-T	73	chr15:19476850-19476950
chr15	19553950	19554050	1223-Lng-B-T	36	chr15:19553950-19554050
chr15	19562550	19562650	1065-Lng-C-T	75	chr15:19562550-19562650
chr15	19584250	19584350	1090-Lng-B-T	388	chr15:19584250-19584350
chr15	19622150	19622250	901-Lng-B-T	101	chr15:19622150-19622250
chr15	19622150	19622250	1065-Lng-B-T	59	chr15:19622150-19622250
chr15	19626150	19626250	1223-Lng-B-T	183	chr15:19626150-19626250
chr15	19653950	19654050	1065-Lng-B-T	47	chr15:19653950-19654050
chr15	19687150	19687250	1223-Lng-C-T	44	chr15:19687150-19687250
chr15	19709450	19709550	1065-Lng-B-T	40	chr15:19709450-19709550
chr15	19730350	19730450	1188-Lng-A-T	34	chr15:19730350-19730450
chr15	19747250	19747350	1065-Lng-B-T	60	chr15:19747250-19747350
chr15	19801950	19802050	1223-Lng-B-T	69	chr15:19801950-19802050
chr15	19837950	19838050	1223-Lng-C-T	67	chr15:19837950-19838050
chr15	19868950	19869050	1152-Lng-A-T	54	chr15:19868950-19869050
chr15	19882750	19882850	1065-Lng-B-T	47	chr15:19882750-19882850
chr15	19900450	19900550	1065-Lng-B-T	72	chr15:19900450-19900550
chr15	19907850	19907950	1065-Lng-B-T	39	chr15:19907850-19907950
chr15	19913050	19913150	1223-Lng-C-T	43	chr15:19913050-19913150
chr15	19959750	19959850	1065-Lng-B-T	76	chr15:19959750-19959850
chr15	19964050	19964150	901-Lng-A-T	340	chr15:19964050-19964150
chr15	19971950	19972050	1100-Lng-A-T	102	chr15:19971950-19972050
chr15	20021450	20021550	901-Lng-D-T	344	chr15:20021450-20021550
chr15	20023750	20023850	1223-Lng-A-T	270	chr15:20023750-20023850

Table S2: SB Insertion regions

chr15	20056650	20056750	901-Lng-D-T	62	chr15:20056650-20056750
chr15	20057250	20057350	901-Lng-C-T	164	chr15:20057250-20057350
chr15	20061450	20061550	901-Lng-B-T	430	chr15:20061450-20061550
chr15	20066450	20066550	901-Lng-B-T	103	chr15:20066450-20066550
chr15	20073850	20073950	1072-Lng-A-T	159	chr15:20073850-20073950
chr15	20082050	20082150	1152-Lng-A-T	43	chr15:20082050-20082150
chr15	20136250	20136350	1223-Lng-A-T	125	chr15:20136250-20136350
chr15	20159650	20159750	1065-Lng-C-T	62	chr15:20159650-20159750
chr15	20179550	20179650	1004-Lng-A-T	74	chr15:20179550-20179650
chr15	20189050	20189150	1065-Lng-A-T	78	chr15:20189050-20189150
chr15	20193850	20193950	1004-Lng-A-T	51	chr15:20193850-20193950
chr15	20209550	20209650	1223-Lng-A-T	116	chr15:20209550-20209650
chr15	20212050	20212150	901-Lng-C-T	47	chr15:20212050-20212150
chr15	20312650	20312750	901-Lng-C-T	75	chr15:20312650-20312750
chr15	20315250	20315350	901-Lng-D-T	82	chr15:20315250-20315350
chr15	20423450	20423550	1090-Lng-A-T	380	chr15:20423450-20423550
chr15	20491850	20491950	1065-Lng-C-T	80	chr15:20491850-20491950
chr15	20493850	20493950	1065-Lng-A-T	515	chr15:20493850-20493950
chr15	20496850	20496950	1223-Lng-D-T	45	chr15:20496850-20496950
chr15	20501150	20501250	901-Lng-A-T	61	chr15:20501150-20501250
chr15	20528750	20528850	1004-Lng-A-T	103	chr15:20528750-20528850
chr15	20531850	20531950	901-Lng-A-T	90	chr15:20531850-20531950
chr15	20542950	20543050	1065-Lng-B-T	265	chr15:20542950-20543050
chr15	20557550	20557650	1072-Lng-A-T	132	chr15:20557550-20557650
chr15	20611150	20611250	901-Lng-D-T	90	chr15:20611150-20611250
chr15	20621150	20621250	846-Lng-A-T	104	chr15:20621150-20621250
chr15	20626950	20627050	1072-Lng-A-T	113	chr15:20626950-20627050
chr15	20637950	20638050	901-Lng-A-T	126	chr15:20637950-20638050
chr15	20642350	20642450	1065-Lng-A-T	685	chr15:20642350-20642450
chr15	20681950	20682050	1072-Lng-A-T	64	chr15:20681950-20682050
chr15	20709750	20709850	1223-Lng-A-T	164	chr15:20709750-20709850
chr15	20749150	20749250	1004-Lng-A-T	57	chr15:20749150-20749250
chr15	20750350	20750450	1004-Lng-A-T	80	chr15:20750350-20750450
chr15	20776450	20776550	846-Lng-A-T	130	chr15:20776450-20776550
chr15	20793050	20793150	1065-Lng-C-T	95	chr15:20793050-20793150
chr15	20797950	20798050	1065-Lng-A-T	73	chr15:20797950-20798050
chr15	20804450	20804550	1223-Lng-C-T	44	chr15:20804450-20804550
chr15	20815250	20815350	901-Lng-A-T	125	chr15:20815250-20815350
chr15	20818350	20818450	1004-Lng-A-T	55	chr15:20818350-20818450
chr15	20822150	20822250	1223-Lng-A-T	60	chr15:20822150-20822250
chr15	20835250	20835350	901-Lng-D-T	40	chr15:20835250-20835350
chr15	20860050	20860150	1065-Lng-A-T	189	chr15:20860050-20860150
chr15	20886050	20886150	1072-Lng-A-T	52	chr15:20886050-20886150
chr15	20886150	20886250	1072-Lng-A-T	90	chr15:20886150-20886250
chr15	20912250	20912350	1065-Lng-C-T	99	chr15:20912250-20912350
chr15	20912750	20912850	1090-Lng-A-T	74	chr15:20912750-20912850

Table S2: SB Insertion regions

chr15	20921950	20922050	1065-Lng-B-T	41	chr15:20921950-20922050
chr15	20947550	20947650	1151-Lng-A-T	78	chr15:20947550-20947650
chr15	20972350	20972450	1152-Lng-A-T	63	chr15:20972350-20972450
chr15	20998850	20998950	1090-Lng-B-T	837	chr15:20998850-20998950
chr15	21023350	21023450	901-Lng-C-T	31	chr15:21023350-21023450
chr15	21064450	21064550	901-Lng-A-T	99	chr15:21064450-21064550
chr15	21162150	21162250	901-Lng-B-T	395	chr15:21162150-21162250
chr15	21184850	21184950	901-Lng-C-T	29	chr15:21184850-21184950
chr15	21215150	21215250	1072-Lng-A-T	150	chr15:21215150-21215250
chr15	21242050	21242150	1072-Lng-A-T	200	chr15:21242050-21242150
chr15	21255450	21255550	1065-Lng-A-T	58	chr15:21255450-21255550
chr15	21302650	21302750	1065-Lng-C-T	63	chr15:21302650-21302750
chr15	21302850	21302950	1065-Lng-B-T	62	chr15:21302850-21302950
chr15	21331850	21331950	846-Lng-A-T	50	chr15:21331850-21331950
chr15	21358650	21358750	1065-Lng-C-T	69	chr15:21358650-21358750
chr15	21362650	21362750	1065-Lng-C-T	80	chr15:21362650-21362750
chr15	21430450	21430550	1065-Lng-B-T	46	chr15:21430450-21430550
chr15	21443650	21443750	1065-Lng-C-T	79	chr15:21443650-21443750
chr15	21457850	21457950	1065-Lng-B-T	84	chr15:21457850-21457950
chr15	21470850	21470950	1090-Lng-B-T	82	chr15:21470850-21470950
chr15	21477450	21477550	1065-Lng-A-T	72	chr15:21477450-21477550
chr15	21487350	21487450	1004-Lng-A-T	99	chr15:21487350-21487450
chr15	21526050	21526150	901-Lng-D-T	62	chr15:21526050-21526150
chr15	21534750	21534850	901-Lng-B-T	225	chr15:21534750-21534850
chr15	21547450	21547550	901-Lng-C-T	48	chr15:21547450-21547550
chr15	21553650	21553750	901-Lng-D-T	171	chr15:21553650-21553750
chr15	21556050	21556150	1065-Lng-C-T	86	chr15:21556050-21556150
chr15	21604450	21604550	1090-Lng-A-T	59	chr15:21604450-21604550
chr15	21629150	21629250	901-Lng-A-T	51	chr15:21629150-21629250
chr15	21631550	21631650	1090-Lng-A-T	66	chr15:21631550-21631650
chr15	21697350	21697450	901-Lng-D-T	233	chr15:21697350-21697450
chr15	21768150	21768250	1065-Lng-A-T	56	chr15:21768150-21768250
chr15	21779650	21779750	1223-Lng-C-T	289	chr15:21779650-21779750
chr15	21817650	21817750	1223-Lng-A-T	79	chr15:21817650-21817750
chr15	21829650	21829750	901-Lng-C-T	91	chr15:21829650-21829750
chr15	21863050	21863150	901-Lng-D-T	258	chr15:21863050-21863150
chr15	21881950	21882050	846-Lng-A-T	73	chr15:21881950-21882050
chr15	21904150	21904250	1072-Lng-A-T	67	chr15:21904150-21904250
chr15	21934150	21934250	1065-Lng-A-T	70	chr15:21934150-21934250
chr15	21958650	21958750	1065-Lng-C-T	76	chr15:21958650-21958750
chr15	22074150	22074250	901-Lng-D-T	374	chr15:22074150-22074250
chr15	22075350	22075450	1223-Lng-B-T	49	chr15:22075350-22075450
chr15	22114150	22114250	846-Lng-A-T	151	chr15:22114150-22114250
chr15	22168150	22168250	1223-Lng-C-T	52	chr15:22168150-22168250
chr15	22180350	22180450	1065-Lng-C-T	86	chr15:22180350-22180450
chr15	22188850	22188950	1065-Lng-B-T	229	chr15:22188850-22188950

Table S2: SB Insertion regions

chr15	22192250	22192350	1223-Lng-C-T	106	chr15:22192250-22192350
chr15	22211850	22211950	1223-Lng-A-T	163	chr15:22211850-22211950
chr15	22267450	22267550	901-Lng-A-T	74	chr15:22267450-22267550
chr15	22293750	22293850	1065-Lng-B-T	76	chr15:22293750-22293850
chr15	22301850	22301950	901-Lng-D-T	661	chr15:22301850-22301950
chr15	22318550	22318650	901-Lng-A-T	478	chr15:22318550-22318650
chr15	22354350	22354450	1090-Lng-A-T	83	chr15:22354350-22354450
chr15	22360650	22360750	1065-Lng-B-T	254	chr15:22360650-22360750
chr15	22368850	22368950	1065-Lng-C-T	120	chr15:22368850-22368950
chr15	22395250	22395350	1065-Lng-B-T	48	chr15:22395250-22395350
chr15	22397750	22397850	901-Lng-A-T	52	chr15:22397750-22397850
chr15	22399150	22399250	901-Lng-B-T	90	chr15:22399150-22399250
chr15	22450950	22451050	1004-Lng-A-T	84	chr15:22450950-22451050
chr15	22456950	22457050	1223-Lng-D-T	40	chr15:22456950-22457050
chr15	22463750	22463850	1223-Lng-A-T	99	chr15:22463750-22463850
chr15	22464550	22464650	1072-Lng-A-T	86	chr15:22464550-22464650
chr15	22474850	22474950	1065-Lng-A-T	50	chr15:22474850-22474950
chr15	22480350	22480450	1065-Lng-A-T	481	chr15:22480350-22480450
chr15	22482150	22482250	1090-Lng-B-T	116	chr15:22482150-22482250
chr15	22495350	22495450	1065-Lng-B-T	40	chr15:22495350-22495450
chr15	22511650	22511750	901-Lng-D-T	382	chr15:22511650-22511750
chr15	22518450	22518550	1167-Lng-A-T	76	chr15:22518450-22518550
chr15	22535650	22535750	1274-Lng-A-T	55	chr15:22535650-22535750
chr15	22559650	22559750	1090-Lng-A-T	58	chr15:22559650-22559750
chr15	22566050	22566150	901-Lng-A-T	63	chr15:22566050-22566150
chr15	22566950	22567050	1065-Lng-B-T	144	chr15:22566950-22567050
chr15	22612850	22612950	1065-Lng-A-T	203	chr15:22612850-22612950
chr15	22708850	22708950	1223-Lng-B-T	36	chr15:22708850-22708950
chr15	22727550	22727650	1065-Lng-C-T	75	chr15:22727550-22727650
chr15	22764850	22764950	901-Lng-B-T	153	chr15:22764850-22764950
chr15	22819750	22819850	901-Lng-C-T	91	chr15:22819750-22819850
chr15	22872450	22872550	1065-Lng-B-T	435	chr15:22872450-22872550
chr15	22881750	22881850	1223-Lng-A-T	102	chr15:22881750-22881850
chr15	22896350	22896450	1065-Lng-A-T	80	chr15:22896350-22896450
chr15	22901450	22901550	901-Lng-B-T	197	chr15:22901450-22901550
chr15	22904450	22904550	1004-Lng-A-T	52	chr15:22904450-22904550
chr15	22919850	22919950	846-Lng-A-T	70	chr15:22919850-22919950
chr15	22941850	22941950	1065-Lng-B-T	61	chr15:22941850-22941950
chr15	22944650	22944750	901-Lng-C-T	57	chr15:22944650-22944750
chr15	22946350	22946450	846-Lng-A-T	93	chr15:22946350-22946450
chr15	22997550	22997650	1188-Lng-A-T	57	chr15:22997550-22997650
chr15	23029050	23029150	1090-Lng-A-T	85	chr15:23029050-23029150
chr15	23051050	23051150	1090-Lng-B-T	894	chr15:23051050-23051150
chr15	23065050	23065150	1065-Lng-C-T	74	chr15:23065050-23065150
chr15	23066450	23066550	1004-Lng-A-T	50	chr15:23066450-23066550
chr15	23082650	23082750	1065-Lng-B-T	168	chr15:23082650-23082750

Table S2: SB Insertion regions

chr15	23089150	23089250	1065-Lng-B-T	92	chr15:23089150-23089250
chr15	23100350	23100450	901-Lng-B-T	110	chr15:23100350-23100450
chr15	23131850	23131950	1065-Lng-A-T	67	chr15:23131850-23131950
chr15	23186350	23186450	1065-Lng-B-T	53	chr15:23186350-23186450
chr15	23215850	23215950	1223-Lng-C-T	43	chr15:23215850-23215950
chr15	23247850	23247950	1065-Lng-B-T	81	chr15:23247850-23247950
chr15	23309550	23309650	1223-Lng-A-T	82	chr15:23309550-23309650
chr15	23311750	23311850	901-Lng-A-T	65	chr15:23311750-23311850
chr15	23317050	23317150	1004-Lng-A-T	65	chr15:23317050-23317150
chr15	23318450	23318550	846-Lng-A-T	69	chr15:23318450-23318550
chr15	23347250	23347350	1065-Lng-B-T	89	chr15:23347250-23347350
chr15	23354350	23354450	901-Lng-C-T	648	chr15:23354350-23354450
chr15	23371950	23372050	1065-Lng-A-T	44	chr15:23371950-23372050
chr15	23383950	23384050	1065-Lng-C-T	76	chr15:23383950-23384050
chr15	23400850	23400950	1223-Lng-A-T	225	chr15:23400850-23400950
chr15	23446550	23446650	1223-Lng-B-T	38	chr15:23446550-23446650
chr15	23456650	23456750	1223-Lng-A-T	51	chr15:23456650-23456750
chr15	23484850	23484950	901-Lng-C-T	63	chr15:23484850-23484950
chr15	23485050	23485150	1152-Lng-A-T	77	chr15:23485050-23485150
chr15	23487850	23487950	1065-Lng-B-T	46	chr15:23487850-23487950
chr15	23497850	23497950	1065-Lng-A-T	45	chr15:23497850-23497950
chr15	23508150	23508250	1004-Lng-A-T	697	chr15:23508150-23508250
chr15	23512350	23512450	1065-Lng-B-T	61	chr15:23512350-23512450
chr15	23514550	23514650	901-Lng-C-T	72	chr15:23514550-23514650
chr15	23521750	23521850	1065-Lng-C-T	61	chr15:23521750-23521850
chr15	23534250	23534350	1090-Lng-B-T	223	chr15:23534250-23534350
chr15	23545050	23545150	1065-Lng-B-T	47	chr15:23545050-23545150
chr15	23555250	23555350	901-Lng-D-T	405	chr15:23555250-23555350
chr15	23571250	23571350	1090-Lng-B-T	330	chr15:23571250-23571350
chr15	23596050	23596150	1065-Lng-B-T	67	chr15:23596050-23596150
chr15	23597650	23597750	1004-Lng-A-T	236	chr15:23597650-23597750
chr15	23601450	23601550	1065-Lng-B-T	92	chr15:23601450-23601550
chr15	23626550	23626650	1004-Lng-A-T	475	chr15:23626550-23626650
chr15	23627450	23627550	1065-Lng-A-T	60	chr15:23627450-23627550
chr15	23676450	23676550	1072-Lng-A-T	137	chr15:23676450-23676550
chr15	23692450	23692550	1065-Lng-A-T	54	chr15:23692450-23692550
chr15	23718550	23718650	1065-Lng-A-T	39	chr15:23718550-23718650
chr15	23742150	23742250	846-Lng-A-T	118	chr15:23742150-23742250
chr15	23747750	23747850	1223-Lng-A-T	130	chr15:23747750-23747850
chr15	23749750	23749850	1065-Lng-B-T	293	chr15:23749750-23749850
chr15	23756950	23757050	1065-Lng-C-T	419	chr15:23756950-23757050
chr15	23758350	23758450	901-Lng-B-T	207	chr15:23758350-23758450
chr15	23835850	23835950	901-Lng-A-T	206	chr15:23835850-23835950
chr15	23836950	23837050	1223-Lng-A-T	51	chr15:23836950-23837050
chr15	23839350	23839450	1072-Lng-A-T	53	chr15:23839350-23839450
chr15	23864250	23864350	901-Lng-B-T	77	chr15:23864250-23864350

Table S2: SB Insertion regions

chr15	23877350	23877450	1065-Lng-A-T	42	chr15:23877350-23877450
chr15	23883750	23883850	1223-Lng-A-T	1267	chr15:23883750-23883850
chr15	23907350	23907450	901-Lng-A-T	95	chr15:23907350-23907450
chr15	23914150	23914250	1065-Lng-C-T	76	chr15:23914150-23914250
chr15	23922750	23922850	1065-Lng-B-T	54	chr15:23922750-23922850
chr15	23956950	23957050	1072-Lng-A-T	56	chr15:23956950-23957050
chr15	23980150	23980250	901-Lng-A-T	62	chr15:23980150-23980250
chr15	23984550	23984650	1223-Lng-A-T	543	chr15:23984550-23984650
chr15	24017150	24017250	1065-Lng-A-T	87	chr15:24017150-24017250
chr15	24019950	24020050	1274-Lng-A-T	117	chr15:24019950-24020050
chr15	24022150	24022250	1065-Lng-B-T	62	chr15:24022150-24022250
chr15	24046150	24046250	1223-Lng-A-T	701	chr15:24046150-24046250
chr15	24061350	24061450	1065-Lng-B-T	63	chr15:24061350-24061450
chr15	24082850	24082950	1065-Lng-C-T	68	chr15:24082850-24082950
chr15	24094350	24094450	1065-Lng-B-T	43	chr15:24094350-24094450
chr15	24120850	24120950	1065-Lng-C-T	91	chr15:24120850-24120950
chr15	24181250	24181350	846-Lng-A-T	66	chr15:24181250-24181350
chr15	24225850	24225950	1223-Lng-A-T	133	chr15:24225850-24225950
chr15	24238250	24238350	1090-Lng-A-T	85	chr15:24238250-24238350
chr15	24255650	24255750	1065-Lng-A-T	35	chr15:24255650-24255750
chr15	24295750	24295850	1065-Lng-C-T	76	chr15:24295750-24295850
chr15	24329050	24329150	1065-Lng-C-T	62	chr15:24329050-24329150
chr15	24333150	24333250	1065-Lng-B-T	56	chr15:24333150-24333250
chr15	24338950	24339050	1223-Lng-B-T	231	chr15:24338950-24339050
chr15	24357450	24357550	1065-Lng-B-T	53	chr15:24357450-24357550
chr15	24384350	24384450	1065-Lng-B-T	269	chr15:24384350-24384450
chr15	24408050	24408150	901-Lng-C-T	55	chr15:24408050-24408150
chr15	24410550	24410650	1223-Lng-C-T	45	chr15:24410550-24410650
chr15	24414450	24414550	1090-Lng-A-T	84	chr15:24414450-24414550
chr15	24497950	24498050	1072-Lng-A-T	158	chr15:24497950-24498050
chr15	24581850	24581950	901-Lng-C-T	76	chr15:24581850-24581950
chr15	24628050	24628150	1090-Lng-A-T	84	chr15:24628050-24628150
chr15	24635950	24636050	1223-Lng-C-T	59	chr15:24635950-24636050
chr15	24648550	24648650	901-Lng-C-T	38	chr15:24648550-24648650
chr15	24667050	24667150	846-Lng-A-T	92	chr15:24667050-24667150
chr15	24676650	24676750	901-Lng-A-T	219	chr15:24676650-24676750
chr15	24701850	24701950	1065-Lng-B-T	65	chr15:24701850-24701950
chr15	24879950	24880050	901-Lng-D-T	44	chr15:24879950-24880050
chr15	24900150	24900250	901-Lng-A-T	290	chr15:24900150-24900250
chr15	24918750	24918850	1065-Lng-B-T	46	chr15:24918750-24918850
chr15	24923450	24923550	1065-Lng-A-T	37	chr15:24923450-24923550
chr15	25070650	25070750	1090-Lng-A-T	87	chr15:25070650-25070750
chr15	25078350	25078450	1223-Lng-D-T	138	chr15:25078350-25078450
chr15	25118750	25118850	1072-Lng-A-T	191	chr15:25118750-25118850
chr15	25140750	25140850	846-Lng-A-T	77	chr15:25140750-25140850
chr15	25170650	25170750	1065-Lng-C-T	66	chr15:25170650-25170750

Table S2: SB Insertion regions

chr15	25181750	25181850	1223-Lng-A-T	54	chr15:25181750-25181850
chr15	25195450	25195550	1065-Lng-C-T	90	chr15:25195450-25195550
chr15	25224250	25224350	1004-Lng-A-T	113	chr15:25224250-25224350
chr15	25271050	25271150	1223-Lng-B-T	343	chr15:25271050-25271150
chr15	25325650	25325750	1223-Lng-A-T	54	chr15:25325650-25325750
chr15	25428450	25428550	1090-Lng-A-T	72	chr15:25428450-25428550
chr15	25443750	25443850	1090-Lng-A-T	71	chr15:25443750-25443850
chr15	25468950	25469050	1090-Lng-A-T	486	chr15:25468950-25469050
chr15	25479450	25479550	901-Lng-A-T	103	chr15:25479450-25479550
chr15	25516550	25516650	901-Lng-D-T	215	chr15:25516550-25516650
chr15	25527350	25527450	1065-Lng-B-T	192	chr15:25527350-25527450
chr15	25539550	25539650	1065-Lng-B-T	64	chr15:25539550-25539650
chr15	25547550	25547650	901-Lng-C-T	68	chr15:25547550-25547650
chr15	25558950	25559050	846-Lng-A-T	79	chr15:25558950-25559050
chr15	25581450	25581550	901-Lng-C-T	36	chr15:25581450-25581550
chr15	25589450	25589550	1072-Lng-A-T	62	chr15:25589450-25589550
chr15	25589550	25589650	901-Lng-A-T	82	chr15:25589550-25589650
chr15	25608950	25609050	1065-Lng-A-T	115	chr15:25608950-25609050
chr15	25609750	25609850	1152-Lng-A-T	60	chr15:25609750-25609850
chr15	25626750	25626850	901-Lng-C-T	36	chr15:25626750-25626850
chr15	25640550	25640650	1004-Lng-A-T	129	chr15:25640550-25640650
chr15	25641150	25641250	901-Lng-D-T	221	chr15:25641150-25641250
chr15	25645050	25645150	1065-Lng-A-T	42	chr15:25645050-25645150
chr15	25654450	25654550	901-Lng-A-T	174	chr15:25654450-25654550
chr15	25654550	25654650	1090-Lng-B-T	541	chr15:25654550-25654650
chr15	25655350	25655450	1100-Lng-A-T	112	chr15:25655350-25655450
chr15	25661150	25661250	1065-Lng-B-T	54	chr15:25661150-25661250
chr15	25697650	25697750	1065-Lng-A-T	287	chr15:25697650-25697750
chr15	25713050	25713150	1065-Lng-A-T	38	chr15:25713050-25713150
chr15	25721450	25721550	1004-Lng-A-T	623	chr15:25721450-25721550
chr15	25724350	25724450	1167-Lng-A-T	116	chr15:25724350-25724450
chr15	25728750	25728850	1065-Lng-C-T	761	chr15:25728750-25728850
chr15	25739050	25739150	1167-Lng-A-T	48	chr15:25739050-25739150
chr15	25741250	25741350	1072-Lng-A-T	70	chr15:25741250-25741350
chr15	25746950	25747050	846-Lng-A-T	111	chr15:25746950-25747050
chr15	25751550	25751650	1274-Lng-A-T	63	chr15:25751550-25751650
chr15	25759450	25759550	1065-Lng-A-T	57	chr15:25759450-25759550
chr15	25768950	25769050	1004-Lng-A-T	49	chr15:25768950-25769050
chr15	25790450	25790550	1004-Lng-A-T	72	chr15:25790450-25790550
chr15	25795250	25795350	1223-Lng-A-T	75	chr15:25795250-25795350
chr15	25804650	25804750	1072-Lng-A-T	80	chr15:25804650-25804750
chr15	25823250	25823350	1167-Lng-A-T	91	chr15:25823250-25823350
chr15	25828050	25828150	1065-Lng-C-T	1010	chr15:25828050-25828150
chr15	25830750	25830850	1004-Lng-A-T	59	chr15:25830750-25830850
chr15	25854950	25855050	901-Lng-C-T	73	chr15:25854950-25855050
chr15	25855350	25855450	1167-Lng-A-T	61	chr15:25855350-25855450

Table S2: SB Insertion regions

chr15	25859850	25859950	1004-Lng-A-T	82	chr15:25859850-25859950
chr15	25861650	25861750	1167-Lng-A-T	85	chr15:25861650-25861750
chr15	25862650	25862750	1223-Lng-B-T	37	chr15:25862650-25862750
chr15	25872450	25872550	1223-Lng-D-T	41	chr15:25872450-25872550
chr15	25886750	25886850	1065-Lng-A-T	79	chr15:25886750-25886850
chr15	25896750	25896850	1167-Lng-A-T	395	chr15:25896750-25896850
chr15	25902750	25902850	1004-Lng-A-T	96	chr15:25902750-25902850
chr15	25903950	25904050	901-Lng-A-T	129	chr15:25903950-25904050
chr15	25904550	25904650	1090-Lng-A-T	561	chr15:25904550-25904650
chr15	25910750	25910850	1090-Lng-A-T	45	chr15:25910750-25910850
chr15	25915750	25915850	1223-Lng-B-T	108	chr15:25915750-25915850
chr15	25924250	25924350	1065-Lng-C-T	92	chr15:25924250-25924350
chr15	25939050	25939150	901-Lng-A-T	300	chr15:25939050-25939150
chr15	25992250	25992350	901-Lng-C-T	218	chr15:25992250-25992350
chr15	26032750	26032850	1065-Lng-C-T	82	chr15:26032750-26032850
chr15	26034550	26034650	901-Lng-B-T	261	chr15:26034550-26034650
chr15	26127750	26127850	1152-Lng-A-T	88	chr15:26127750-26127850
chr15	26130550	26130650	1065-Lng-C-T	71	chr15:26130550-26130650
chr15	26203150	26203250	901-Lng-A-T	80	chr15:26203150-26203250
chr15	26219350	26219450	1100-Lng-A-T	54	chr15:26219350-26219450
chr15	26251550	26251650	1072-Lng-A-T	77	chr15:26251550-26251650
chr15	26282450	26282550	901-Lng-A-T	128	chr15:26282450-26282550
chr15	26306950	26307050	901-Lng-A-T	77	chr15:26306950-26307050
chr15	26308650	26308750	1065-Lng-B-T	82	chr15:26308650-26308750
chr15	26339050	26339150	1065-Lng-B-T	41	chr15:26339050-26339150
chr15	26343150	26343250	1065-Lng-A-T	298	chr15:26343150-26343250
chr15	26345050	26345150	1065-Lng-B-T	89	chr15:26345050-26345150
chr15	26374350	26374450	1090-Lng-A-T	90	chr15:26374350-26374450
chr15	26381150	26381250	1223-Lng-B-T	215	chr15:26381150-26381250
chr15	26396750	26396850	1090-Lng-B-T	946	chr15:26396750-26396850
chr15	26421650	26421750	1065-Lng-B-T	69	chr15:26421650-26421750
chr15	26498550	26498650	1090-Lng-A-T	105	chr15:26498550-26498650
chr15	26501050	26501150	1065-Lng-A-T	126	chr15:26501050-26501150
chr15	26517050	26517150	1072-Lng-A-T	220	chr15:26517050-26517150
chr15	26551550	26551650	1065-Lng-C-T	89	chr15:26551550-26551650
chr15	26565950	26566050	901-Lng-A-T	57	chr15:26565950-26566050
chr15	26575150	26575250	901-Lng-C-T	36	chr15:26575150-26575250
chr15	26592350	26592450	901-Lng-A-T	98	chr15:26592350-26592450
chr15	26619350	26619450	846-Lng-A-T	116	chr15:26619350-26619450
chr15	26625750	26625850	1065-Lng-B-T	85	chr15:26625750-26625850
chr15	26633250	26633350	1223-Lng-D-T	45	chr15:26633250-26633350
chr15	26654250	26654350	1065-Lng-A-T	38	chr15:26654250-26654350
chr15	26664850	26664950	846-Lng-A-T	85	chr15:26664850-26664950
chr15	26665950	26666050	1065-Lng-A-T	632	chr15:26665950-26666050
chr15	26674250	26674350	1065-Lng-B-T	47	chr15:26674250-26674350
chr15	26675050	26675150	846-Lng-A-T	42	chr15:26675050-26675150

Table S2: SB Insertion regions

chr15	26675450	26675550	1072-Lng-A-T	67	chr15:26675450-26675550
chr15	26676650	26676750	901-Lng-A-T	98	chr15:26676650-26676750
chr15	26678150	26678250	1072-Lng-A-T	69	chr15:26678150-26678250
chr15	26689450	26689550	1274-Lng-A-T	59	chr15:26689450-26689550
chr15	26693750	26693850	901-Lng-B-T	74	chr15:26693750-26693850
chr15	26703650	26703750	1065-Lng-C-T	1302	chr15:26703650-26703750
chr15	26726850	26726950	1065-Lng-C-T	61	chr15:26726850-26726950
chr15	26745050	26745150	1065-Lng-A-T	63	chr15:26745050-26745150
chr15	26796450	26796550	901-Lng-A-T	477	chr15:26796450-26796550
chr15	26813250	26813350	1004-Lng-A-T	88	chr15:26813250-26813350
chr15	26901650	26901750	901-Lng-C-T	69	chr15:26901650-26901750
chr15	26988650	26988750	1072-Lng-A-T	52	chr15:26988650-26988750
chr15	27006350	27006450	901-Lng-A-T	53	chr15:27006350-27006450
chr15	27044250	27044350	1065-Lng-C-T	69	chr15:27044250-27044350
chr15	27066850	27066950	1065-Lng-B-T	56	chr15:27066850-27066950
chr15	27181050	27181150	1072-Lng-A-T	99	chr15:27181050-27181150
chr15	27232550	27232650	846-Lng-A-T	72	chr15:27232550-27232650
chr15	27237050	27237150	1065-Lng-B-T	866	chr15:27237050-27237150
chr15	27291450	27291550	1065-Lng-C-T	67	chr15:27291450-27291550
chr15	27295750	27295850	1223-Lng-D-T	60	chr15:27295750-27295850
chr15	27357850	27357950	846-Lng-A-T	51	chr15:27357850-27357950
chr15	27395250	27395350	1065-Lng-B-T	43	chr15:27395250-27395350
chr15	27397250	27397350	1151-Lng-A-T	434	chr15:27397250-27397350
chr15	27403850	27403950	901-Lng-C-T	31	chr15:27403850-27403950
chr15	27413750	27413850	846-Lng-A-T	102	chr15:27413750-27413850
chr15	27417450	27417550	901-Lng-D-T	247	chr15:27417450-27417550
chr15	27467650	27467750	1065-Lng-B-T	47	chr15:27467650-27467750
chr15	27479850	27479950	1223-Lng-D-T	53	chr15:27479850-27479950
chr15	27484150	27484250	901-Lng-A-T	81	chr15:27484150-27484250
chr15	27485450	27485550	901-Lng-C-T	55	chr15:27485450-27485550
chr15	27506250	27506350	901-Lng-B-T	93	chr15:27506250-27506350
chr15	27516550	27516650	1065-Lng-A-T	72	chr15:27516550-27516650
chr15	27516550	27516650	1065-Lng-C-T	141	chr15:27516550-27516650
chr15	27550150	27550250	1065-Lng-B-T	54	chr15:27550150-27550250
chr15	27553050	27553150	1223-Lng-D-T	63	chr15:27553050-27553150
chr15	27557350	27557450	846-Lng-A-T	143	chr15:27557350-27557450
chr15	27564750	27564850	1223-Lng-D-T	108	chr15:27564750-27564850
chr15	27594650	27594750	1167-Lng-A-T	57	chr15:27594650-27594750
chr15	27665550	27665650	1167-Lng-A-T	114	chr15:27665550-27665650
chr15	27675350	27675450	1090-Lng-A-T	552	chr15:27675350-27675450
chr15	27689350	27689450	901-Lng-B-T	138	chr15:27689350-27689450
chr15	27689350	27689450	901-Lng-A-T	95	chr15:27689350-27689450
chr15	27696750	27696850	1223-Lng-A-T	112	chr15:27696750-27696850
chr15	27714450	27714550	1223-Lng-C-T	43	chr15:27714450-27714550
chr15	27741550	27741650	1090-Lng-B-T	1246	chr15:27741550-27741650
chr15	27745550	27745650	901-Lng-D-T	37	chr15:27745550-27745650

Table S2: SB Insertion regions

chr15	27771050	27771150	1223-Lng-A-T	69	chr15:27771050-27771150
chr15	27771150	27771250	1065-Lng-A-T	64	chr15:27771150-27771250
chr15	27774250	27774350	1223-Lng-B-T	35	chr15:27774250-27774350
chr15	27791850	27791950	1223-Lng-A-T	79	chr15:27791850-27791950
chr15	27798150	27798250	1223-Lng-C-T	52	chr15:27798150-27798250
chr15	27816950	27817050	1090-Lng-A-T	81	chr15:27816950-27817050
chr15	27829050	27829150	846-Lng-A-T	96	chr15:27829050-27829150
chr15	27849850	27849950	901-Lng-B-T	66	chr15:27849850-27849950
chr15	27859350	27859450	1167-Lng-A-T	130	chr15:27859350-27859450
chr15	27859650	27859750	1223-Lng-D-T	43	chr15:27859650-27859750
chr15	27859850	27859950	901-Lng-A-T	62	chr15:27859850-27859950
chr15	27879550	27879650	901-Lng-A-T	136	chr15:27879550-27879650
chr15	27881750	27881850	1065-Lng-B-T	80	chr15:27881750-27881850
chr15	27883250	27883350	1065-Lng-A-T	60	chr15:27883250-27883350
chr15	27883250	27883350	1167-Lng-A-T	52	chr15:27883250-27883350
chr15	27894450	27894550	1065-Lng-B-T	57	chr15:27894450-27894550
chr15	27903550	27903650	1151-Lng-A-T	76	chr15:27903550-27903650
chr15	27911450	27911550	846-Lng-A-T	75	chr15:27911450-27911550
chr15	27911950	27912050	1072-Lng-A-T	48	chr15:27911950-27912050
chr15	27916050	27916150	1065-Lng-B-T	82	chr15:27916050-27916150
chr15	27928450	27928550	1004-Lng-A-T	374	chr15:27928450-27928550
chr15	27936050	27936150	901-Lng-A-T	69	chr15:27936050-27936150
chr15	27945350	27945450	901-Lng-D-T	205	chr15:27945350-27945450
chr15	27955950	27956050	1167-Lng-A-T	75	chr15:27955950-27956050
chr15	28099450	28099550	901-Lng-C-T	96	chr15:28099450-28099550
chr15	28103250	28103350	1090-Lng-A-T	56	chr15:28103250-28103350
chr15	28230050	28230150	1065-Lng-B-T	115	chr15:28230050-28230150
chr15	28236750	28236850	1223-Lng-A-T	110	chr15:28236750-28236850
chr15	28288650	28288750	901-Lng-A-T	131	chr15:28288650-28288750
chr15	28291450	28291550	1223-Lng-A-T	63	chr15:28291450-28291550
chr15	28318750	28318850	1090-Lng-A-T	54	chr15:28318750-28318850
chr15	28325750	28325850	846-Lng-A-T	91	chr15:28325750-28325850
chr15	28329150	28329250	1090-Lng-B-T	137	chr15:28329150-28329250
chr15	28347050	28347150	846-Lng-A-T	134	chr15:28347050-28347150
chr15	28404450	28404550	1065-Lng-B-T	78	chr15:28404450-28404550
chr15	28421850	28421950	1004-Lng-A-T	60	chr15:28421850-28421950
chr15	28423950	28424050	1065-Lng-B-T	42	chr15:28423950-28424050
chr15	28429350	28429450	1065-Lng-A-T	481	chr15:28429350-28429450
chr15	28514450	28514550	1090-Lng-B-T	110	chr15:28514450-28514550
chr15	28529250	28529350	901-Lng-A-T	68	chr15:28529250-28529350
chr15	28543950	28544050	1065-Lng-B-T	58	chr15:28543950-28544050
chr15	28565550	28565650	1065-Lng-A-T	92	chr15:28565550-28565650
chr15	28570750	28570850	1065-Lng-A-T	69	chr15:28570750-28570850
chr15	28606650	28606750	1065-Lng-A-T	72	chr15:28606650-28606750
chr15	28620950	28621050	1065-Lng-C-T	81	chr15:28620950-28621050
chr15	28625250	28625350	1090-Lng-A-T	67	chr15:28625250-28625350

Table S2: SB Insertion regions

chr15	28659050	28659150	1072-Lng-A-T	157	chr15:28659050-28659150
chr15	28663450	28663550	1072-Lng-A-T	222	chr15:28663450-28663550
chr15	28666750	28666850	846-Lng-A-T	70	chr15:28666750-28666850
chr15	28668550	28668650	1065-Lng-A-T	45	chr15:28668550-28668650
chr15	28696950	28697050	901-Lng-D-T	63	chr15:28696950-28697050
chr15	28728450	28728550	1004-Lng-A-T	62	chr15:28728450-28728550
chr15	28796250	28796350	901-Lng-A-T	65	chr15:28796250-28796350
chr15	28817850	28817950	901-Lng-C-T	45	chr15:28817850-28817950
chr15	28824350	28824450	1065-Lng-B-T	58	chr15:28824350-28824450
chr15	28844050	28844150	1090-Lng-A-T	83	chr15:28844050-28844150
chr15	28856750	28856850	1004-Lng-A-T	152	chr15:28856750-28856850
chr15	28856750	28856850	1004-Lng-A-T	62	chr15:28856750-28856850
chr15	28876050	28876150	1065-Lng-A-T	61	chr15:28876050-28876150
chr15	28877250	28877350	901-Lng-A-T	96	chr15:28877250-28877350
chr15	28903950	28904050	1065-Lng-B-T	48	chr15:28903950-28904050
chr15	28910750	28910850	1072-Lng-A-T	481	chr15:28910750-28910850
chr15	28972150	28972250	1065-Lng-A-T	57	chr15:28972150-28972250
chr15	28983550	28983650	846-Lng-A-T	84	chr15:28983550-28983650
chr15	29028950	29029050	1004-Lng-A-T	118	chr15:29028950-29029050
chr15	29076550	29076650	1090-Lng-A-T	93	chr15:29076550-29076650
chr15	29084750	29084850	901-Lng-A-T	118	chr15:29084750-29084850
chr15	29086150	29086250	1090-Lng-B-T	70	chr15:29086150-29086250
chr15	29102750	29102850	901-Lng-B-T	810	chr15:29102750-29102850
chr15	29129450	29129550	1072-Lng-A-T	67	chr15:29129450-29129550
chr15	29177750	29177850	1152-Lng-A-T	37	chr15:29177750-29177850
chr15	29194050	29194150	1072-Lng-A-T	55	chr15:29194050-29194150
chr15	29263650	29263750	1065-Lng-B-T	52	chr15:29263650-29263750
chr15	29267550	29267650	1223-Lng-A-T	873	chr15:29267550-29267650
chr15	29273750	29273850	1090-Lng-B-T	79	chr15:29273750-29273850
chr15	29285850	29285950	1072-Lng-A-T	54	chr15:29285850-29285950
chr15	29295450	29295550	1065-Lng-B-T	64	chr15:29295450-29295550
chr15	29303450	29303550	1065-Lng-C-T	238	chr15:29303450-29303550
chr15	29317050	29317150	901-Lng-B-T	138	chr15:29317050-29317150
chr15	29330550	29330650	1072-Lng-A-T	54	chr15:29330550-29330650
chr15	29365150	29365250	846-Lng-A-T	49	chr15:29365150-29365250
chr15	29379650	29379750	901-Lng-D-T	81	chr15:29379650-29379750
chr15	29388250	29388350	1223-Lng-B-T	38	chr15:29388250-29388350
chr15	29417850	29417950	1090-Lng-A-T	115	chr15:29417850-29417950
chr15	29424950	29425050	901-Lng-A-T	138	chr15:29424950-29425050
chr15	29448550	29448650	1065-Lng-A-T	96	chr15:29448550-29448650
chr15	29461550	29461650	1223-Lng-B-T	94	chr15:29461550-29461650
chr15	29503150	29503250	1072-Lng-A-T	108	chr15:29503150-29503250
chr15	29503450	29503550	901-Lng-C-T	90	chr15:29503450-29503550
chr15	29602550	29602650	1090-Lng-B-T	300	chr15:29602550-29602650
chr15	29640550	29640650	901-Lng-B-T	36	chr15:29640550-29640650
chr15	29847650	29847750	1065-Lng-A-T	208	chr15:29847650-29847750

Table S2: SB Insertion regions

chr15	29943450	29943550	1223-Lng-B-T	45	chr15:29943450-29943550
chr15	29946150	29946250	1090-Lng-B-T	557	chr15:29946150-29946250
chr15	29947650	29947750	901-Lng-A-T	126	chr15:29947650-29947750
chr15	29949350	29949450	1167-Lng-A-T	995	chr15:29949350-29949450
chr15	29956550	29956650	1100-Lng-A-T	80	chr15:29956550-29956650
chr15	29986950	29987050	1065-Lng-B-T	40	chr15:29986950-29987050
chr15	30065850	30065950	1072-Lng-A-T	59	chr15:30065850-30065950
chr15	30083250	30083350	1090-Lng-B-T	179	chr15:30083250-30083350
chr15	30100650	30100750	901-Lng-C-T	77	chr15:30100650-30100750
chr15	30132350	30132450	901-Lng-C-T	54	chr15:30132350-30132450
chr15	30132350	30132450	901-Lng-D-T	51	chr15:30132350-30132450
chr15	30138750	30138850	1152-Lng-A-T	317	chr15:30138750-30138850
chr15	30146150	30146250	1065-Lng-C-T	80	chr15:30146150-30146250
chr15	30156250	30156350	1223-Lng-D-T	41	chr15:30156250-30156350
chr15	30160150	30160250	1072-Lng-A-T	64	chr15:30160150-30160250
chr15	30174550	30174650	901-Lng-D-T	204	chr15:30174550-30174650
chr15	30188250	30188350	901-Lng-A-T	71	chr15:30188250-30188350
chr15	30194350	30194450	1065-Lng-A-T	65	chr15:30194350-30194450
chr15	30197350	30197450	901-Lng-B-T	57	chr15:30197350-30197450
chr15	30200850	30200950	1065-Lng-B-T	93	chr15:30200850-30200950
chr15	30220150	30220250	1065-Lng-A-T	49	chr15:30220150-30220250
chr15	30225550	30225650	1004-Lng-A-T	156	chr15:30225550-30225650
chr15	30237250	30237350	1223-Lng-A-T	179	chr15:30237250-30237350
chr15	30252250	30252350	1065-Lng-B-T	510	chr15:30252250-30252350
chr15	30259950	30260050	1065-Lng-B-T	85	chr15:30259950-30260050
chr15	30300750	30300850	901-Lng-B-T	80	chr15:30300750-30300850
chr15	30306650	30306750	901-Lng-D-T	188	chr15:30306650-30306750
chr15	30331750	30331850	1065-Lng-B-T	84	chr15:30331750-30331850
chr15	30345050	30345150	1065-Lng-C-T	88	chr15:30345050-30345150
chr15	30384150	30384250	901-Lng-D-T	128	chr15:30384150-30384250
chr15	30419150	30419250	901-Lng-C-T	33	chr15:30419150-30419250
chr15	30425150	30425250	1065-Lng-B-T	41	chr15:30425150-30425250
chr15	30434250	30434350	1223-Lng-A-T	198	chr15:30434250-30434350
chr15	30467050	30467150	846-Lng-A-T	120	chr15:30467050-30467150
chr15	30477950	30478050	1004-Lng-A-T	49	chr15:30477950-30478050
chr15	30482550	30482650	846-Lng-A-T	55	chr15:30482550-30482650
chr15	30518050	30518150	1065-Lng-A-T	37	chr15:30518050-30518150
chr15	30536850	30536950	1090-Lng-A-T	56	chr15:30536850-30536950
chr15	30553550	30553650	901-Lng-C-T	155	chr15:30553550-30553650
chr15	30554550	30554650	1065-Lng-B-T	47	chr15:30554550-30554650
chr15	30563750	30563850	1090-Lng-A-T	108	chr15:30563750-30563850
chr15	30581250	30581350	1004-Lng-A-T	57	chr15:30581250-30581350
chr15	30606250	30606350	901-Lng-D-T	181	chr15:30606250-30606350
chr15	30607150	30607250	901-Lng-C-T	267	chr15:30607150-30607250
chr15	30610650	30610750	1090-Lng-A-T	44	chr15:30610650-30610750
chr15	30611950	30612050	1065-Lng-A-T	488	chr15:30611950-30612050

Table S2: SB Insertion regions

chr15	30643050	30643150	1223-Lng-D-T	48	chr15:30643050-30643150
chr15	30646550	30646650	1065-Lng-B-T	61	chr15:30646550-30646650
chr15	30653750	30653850	1223-Lng-D-T	41	chr15:30653750-30653850
chr15	30667350	30667450	901-Lng-C-T	54	chr15:30667350-30667450
chr15	30685250	30685350	901-Lng-A-T	83	chr15:30685250-30685350
chr15	30710550	30710650	901-Lng-A-T	231	chr15:30710550-30710650
chr15	30724850	30724950	1065-Lng-B-T	90	chr15:30724850-30724950
chr15	30737950	30738050	1065-Lng-A-T	86	chr15:30737950-30738050
chr15	30738050	30738150	1065-Lng-A-T	103	chr15:30738050-30738150
chr15	30748450	30748550	901-Lng-D-T	166	chr15:30748450-30748550
chr15	30777450	30777550	1065-Lng-B-T	46	chr15:30777450-30777550
chr15	30800750	30800850	1065-Lng-B-T	47	chr15:30800750-30800850
chr15	30813650	30813750	1065-Lng-A-T	49	chr15:30813650-30813750
chr15	30833850	30833950	1090-Lng-A-T	166	chr15:30833850-30833950
chr15	30834750	30834850	1090-Lng-A-T	98	chr15:30834750-30834850
chr15	30851750	30851850	901-Lng-B-T	82	chr15:30851750-30851850
chr15	30871150	30871250	1072-Lng-A-T	146	chr15:30871150-30871250
chr15	30889550	30889650	1065-Lng-B-T	81	chr15:30889550-30889650
chr15	31045950	31046050	901-Lng-C-T	377	chr15:31045950-31046050
chr15	31161650	31161750	1065-Lng-A-T	49	chr15:31161650-31161750
chr15	31167250	31167350	1065-Lng-B-T	51	chr15:31167250-31167350
chr15	31181150	31181250	901-Lng-A-T	84	chr15:31181150-31181250
chr15	31191150	31191250	1274-Lng-A-T	52	chr15:31191150-31191250
chr15	31192250	31192350	1223-Lng-A-T	1477	chr15:31192250-31192350
chr15	31199850	31199950	1004-Lng-A-T	146	chr15:31199850-31199950
chr15	31222950	31223050	1223-Lng-A-T	96	chr15:31222950-31223050
chr15	31231050	31231150	1274-Lng-A-T	63	chr15:31231050-31231150
chr15	31232550	31232650	1072-Lng-A-T	50	chr15:31232550-31232650
chr15	31244750	31244850	1090-Lng-B-T	193	chr15:31244750-31244850
chr15	31269850	31269950	1072-Lng-A-T	50	chr15:31269850-31269950
chr15	31299650	31299750	1004-Lng-A-T	60	chr15:31299650-31299750
chr15	31311650	31311750	1072-Lng-A-T	140	chr15:31311650-31311750
chr15	31354750	31354850	1065-Lng-B-T	67	chr15:31354750-31354850
chr15	31385850	31385950	1167-Lng-A-T	48	chr15:31385850-31385950
chr15	31405550	31405650	1223-Lng-C-T	50	chr15:31405550-31405650
chr15	31415450	31415550	1223-Lng-C-T	47	chr15:31415450-31415550
chr15	31427350	31427450	1100-Lng-A-T	51	chr15:31427350-31427450
chr15	31441250	31441350	1223-Lng-A-T	74	chr15:31441250-31441350
chr15	31443950	31444050	1223-Lng-D-T	78	chr15:31443950-31444050
chr15	31445850	31445950	1152-Lng-A-T	78	chr15:31445850-31445950
chr15	31451550	31451650	901-Lng-A-T	54	chr15:31451550-31451650
chr15	31452050	31452150	1274-Lng-A-T	220	chr15:31452050-31452150
chr15	31452250	31452350	1223-Lng-A-T	1404	chr15:31452250-31452350
chr15	31454750	31454850	1223-Lng-D-T	68	chr15:31454750-31454850
chr15	31455050	31455150	901-Lng-B-T	96	chr15:31455050-31455150
chr15	31459550	31459650	1072-Lng-A-T	159	chr15:31459550-31459650

Table S2: SB Insertion regions

chr15	31475050	31475150	1072-Lng-A-T	72	chr15:31475050-31475150
chr15	31478150	31478250	1065-Lng-A-T	75	chr15:31478150-31478250
chr15	31508850	31508950	1065-Lng-A-T	666	chr15:31508850-31508950
chr15	31518450	31518550	901-Lng-B-T	150	chr15:31518450-31518550
chr15	31524450	31524550	901-Lng-C-T	85	chr15:31524450-31524550
chr15	31526250	31526350	1065-Lng-B-T	42	chr15:31526250-31526350
chr15	31532650	31532750	1090-Lng-A-T	67	chr15:31532650-31532750
chr15	31536350	31536450	1065-Lng-A-T	52	chr15:31536350-31536450
chr15	31536550	31536650	901-Lng-A-T	70	chr15:31536550-31536650
chr15	31585550	31585650	1223-Lng-B-T	158	chr15:31585550-31585650
chr15	31605750	31605850	846-Lng-A-T	46	chr15:31605750-31605850
chr15	31700350	31700450	1090-Lng-A-T	115	chr15:31700350-31700450
chr15	31704550	31704650	1065-Lng-B-T	63	chr15:31704550-31704650
chr15	31791550	31791650	1004-Lng-A-T	66	chr15:31791550-31791650
chr15	31795450	31795550	901-Lng-A-T	91	chr15:31795450-31795550
chr15	31797350	31797450	901-Lng-C-T	178	chr15:31797350-31797450
chr15	31799150	31799250	1065-Lng-B-T	39	chr15:31799150-31799250
chr15	31851850	31851950	1090-Lng-A-T	97	chr15:31851850-31851950
chr15	31870050	31870150	1065-Lng-C-T	66	chr15:31870050-31870150
chr15	31903150	31903250	1090-Lng-B-T	421	chr15:31903150-31903250
chr15	31944650	31944750	1090-Lng-A-T	115	chr15:31944650-31944750
chr15	31984550	31984650	1065-Lng-B-T	72	chr15:31984550-31984650
chr15	31985450	31985550	901-Lng-A-T	288	chr15:31985450-31985550
chr15	32004450	32004550	1004-Lng-A-T	85	chr15:32004450-32004550
chr15	32033650	32033750	1167-Lng-A-T	169	chr15:32033650-32033750
chr15	32052350	32052450	1223-Lng-C-T	50	chr15:32052350-32052450
chr15	32060950	32061050	1090-Lng-A-T	393	chr15:32060950-32061050
chr15	32069450	32069550	846-Lng-A-T	142	chr15:32069450-32069550
chr15	32071150	32071250	1223-Lng-B-T	42	chr15:32071150-32071250
chr15	32078250	32078350	1065-Lng-B-T	82	chr15:32078250-32078350
chr15	32108250	32108350	846-Lng-A-T	112	chr15:32108250-32108350
chr15	32126350	32126450	846-Lng-A-T	113	chr15:32126350-32126450
chr15	32152450	32152550	1065-Lng-A-T	93	chr15:32152450-32152550
chr15	32190950	32191050	1072-Lng-A-T	202	chr15:32190950-32191050
chr15	32201150	32201250	1223-Lng-A-T	293	chr15:32201150-32201250
chr15	32204250	32204350	1004-Lng-A-T	83	chr15:32204250-32204350
chr15	32217050	32217150	901-Lng-A-T	395	chr15:32217050-32217150
chr15	32219650	32219750	901-Lng-C-T	55	chr15:32219650-32219750
chr15	32220350	32220450	901-Lng-A-T	78	chr15:32220350-32220450
chr15	32224350	32224450	901-Lng-D-T	350	chr15:32224350-32224450
chr15	32253450	32253550	1065-Lng-B-T	50	chr15:32253450-32253550
chr15	32337950	32338050	901-Lng-B-T	119	chr15:32337950-32338050
chr15	32399950	32400050	901-Lng-D-T	41	chr15:32399950-32400050
chr15	32412050	32412150	901-Lng-B-T	718	chr15:32412050-32412150
chr15	32417950	32418050	1065-Lng-B-T	85	chr15:32417950-32418050
chr15	32417950	32418050	1004-Lng-A-T	61	chr15:32417950-32418050

Table S2: SB Insertion regions

chr15	32426850	32426950	1223-Lng-C-T	72	chr15:32426850-32426950
chr15	32453450	32453550	901-Lng-C-T	103	chr15:32453450-32453550
chr15	32466650	32466750	1223-Lng-A-T	87	chr15:32466650-32466750
chr15	32469750	32469850	1223-Lng-B-T	91	chr15:32469750-32469850
chr15	32526650	32526750	1065-Lng-A-T	85	chr15:32526650-32526750
chr15	32537750	32537850	1223-Lng-B-T	40	chr15:32537750-32537850
chr15	32545850	32545950	1090-Lng-A-T	118	chr15:32545850-32545950
chr15	32552450	32552550	901-Lng-C-T	61	chr15:32552450-32552550
chr15	32564950	32565050	901-Lng-C-T	45	chr15:32564950-32565050
chr15	32571150	32571250	1223-Lng-C-T	66	chr15:32571150-32571250
chr15	32631550	32631650	1167-Lng-A-T	141	chr15:32631550-32631650
chr15	32664550	32664650	1004-Lng-A-T	85	chr15:32664550-32664650
chr15	32678250	32678350	1090-Lng-A-T	321	chr15:32678250-32678350
chr15	32687050	32687150	1274-Lng-A-T	97	chr15:32687050-32687150
chr15	32702050	32702150	1065-Lng-B-T	52	chr15:32702050-32702150
chr15	32704450	32704550	1223-Lng-B-T	197	chr15:32704450-32704550
chr15	32707450	32707550	1090-Lng-A-T	78	chr15:32707450-32707550
chr15	32782750	32782850	1065-Lng-A-T	92	chr15:32782750-32782850
chr15	32890850	32890950	901-Lng-C-T	305	chr15:32890850-32890950
chr15	32892350	32892450	1090-Lng-A-T	58	chr15:32892350-32892450
chr15	32906250	32906350	1004-Lng-A-T	68	chr15:32906250-32906350
chr15	32928050	32928150	1223-Lng-A-T	115	chr15:32928050-32928150
chr15	32951950	32952050	901-Lng-D-T	346	chr15:32951950-32952050
chr15	32953050	32953150	1065-Lng-B-T	65	chr15:32953050-32953150
chr15	32960750	32960850	1065-Lng-C-T	160	chr15:32960750-32960850
chr15	33034350	33034450	1090-Lng-A-T	61	chr15:33034350-33034450
chr15	33043950	33044050	901-Lng-C-T	77	chr15:33043950-33044050
chr15	33047650	33047750	901-Lng-A-T	54	chr15:33047650-33047750
chr15	33052050	33052150	1065-Lng-B-T	96	chr15:33052050-33052150
chr15	33077350	33077450	1072-Lng-A-T	120	chr15:33077350-33077450
chr15	33082450	33082550	1223-Lng-A-T	178	chr15:33082450-33082550
chr15	33086250	33086350	901-Lng-C-T	40	chr15:33086250-33086350
chr15	33107750	33107850	1004-Lng-A-T	59	chr15:33107750-33107850
chr15	33117050	33117150	1065-Lng-B-T	41	chr15:33117050-33117150
chr15	33137450	33137550	901-Lng-A-T	52	chr15:33137450-33137550
chr15	33155550	33155650	1065-Lng-B-T	50	chr15:33155550-33155650
chr15	33178550	33178650	1004-Lng-A-T	53	chr15:33178550-33178650
chr15	33180750	33180850	1004-Lng-A-T	65	chr15:33180750-33180850
chr15	33206050	33206150	1223-Lng-C-T	59	chr15:33206050-33206150
chr15	33211050	33211150	846-Lng-A-T	61	chr15:33211050-33211150
chr15	33214850	33214950	1004-Lng-A-T	112	chr15:33214850-33214950
chr15	33217550	33217650	901-Lng-C-T	114	chr15:33217550-33217650
chr15	33252450	33252550	901-Lng-C-T	59	chr15:33252450-33252550
chr15	33282250	33282350	901-Lng-D-T	116	chr15:33282250-33282350
chr15	33282350	33282450	1072-Lng-A-T	62	chr15:33282350-33282450
chr15	33293350	33293450	901-Lng-B-T	62	chr15:33293350-33293450

Table S2: SB Insertion regions

chr15	33295050	33295150	901-Lng-A-T	63	chr15:33295050-33295150
chr15	33308650	33308750	1065-Lng-C-T	74	chr15:33308650-33308750
chr15	33308750	33308850	901-Lng-A-T	224	chr15:33308750-33308850
chr15	33316850	33316950	1072-Lng-A-T	50	chr15:33316850-33316950
chr15	33323650	33323750	1072-Lng-A-T	209	chr15:33323650-33323750
chr15	33338950	33339050	1065-Lng-B-T	82	chr15:33338950-33339050
chr15	33372250	33372350	1065-Lng-A-T	43	chr15:33372250-33372350
chr15	33380850	33380950	1065-Lng-B-T	66	chr15:33380850-33380950
chr15	33381150	33381250	1223-Lng-B-T	329	chr15:33381150-33381250
chr15	33382250	33382350	1223-Lng-A-T	211	chr15:33382250-33382350
chr15	33394850	33394950	1004-Lng-A-T	52	chr15:33394850-33394950
chr15	33402750	33402850	846-Lng-A-T	90	chr15:33402750-33402850
chr15	33432750	33432850	1065-Lng-B-T	84	chr15:33432750-33432850
chr15	33450250	33450350	1004-Lng-A-T	236	chr15:33450250-33450350
chr15	33457850	33457950	1065-Lng-C-T	77	chr15:33457850-33457950
chr15	33464650	33464750	1090-Lng-A-T	91	chr15:33464650-33464750
chr15	33478650	33478750	1090-Lng-A-T	69	chr15:33478650-33478750
chr15	33502150	33502250	1072-Lng-A-T	93	chr15:33502150-33502250
chr15	33529150	33529250	1090-Lng-B-T	808	chr15:33529150-33529250
chr15	33564550	33564650	901-Lng-B-T	332	chr15:33564550-33564650
chr15	33576950	33577050	1090-Lng-A-T	47	chr15:33576950-33577050
chr15	33626150	33626250	1090-Lng-B-T	802	chr15:33626150-33626250
chr15	33633450	33633550	1090-Lng-A-T	85	chr15:33633450-33633550
chr15	33655250	33655350	1065-Lng-A-T	131	chr15:33655250-33655350
chr15	33758350	33758450	1152-Lng-A-T	392	chr15:33758350-33758450
chr15	33885250	33885350	1065-Lng-B-T	59	chr15:33885250-33885350
chr15	34020150	34020250	1274-Lng-A-T	68	chr15:34020150-34020250
chr15	34021150	34021250	1090-Lng-B-T	1202	chr15:34021150-34021250
chr15	34029550	34029650	901-Lng-B-T	172	chr15:34029550-34029650
chr15	34037350	34037450	1090-Lng-A-T	66	chr15:34037350-34037450
chr15	34043050	34043150	1065-Lng-A-T	53	chr15:34043050-34043150
chr15	34050250	34050350	1223-Lng-B-T	85	chr15:34050250-34050350
chr15	34054450	34054550	1223-Lng-A-T	136	chr15:34054450-34054550
chr15	34058450	34058550	1090-Lng-A-T	51	chr15:34058450-34058550
chr15	34058950	34059050	1188-Lng-A-T	55	chr15:34058950-34059050
chr15	34058950	34059050	1223-Lng-B-T	54	chr15:34058950-34059050
chr15	34064150	34064250	901-Lng-A-T	68	chr15:34064150-34064250
chr15	34070350	34070450	1065-Lng-B-T	46	chr15:34070350-34070450
chr15	34071550	34071650	1065-Lng-C-T	155	chr15:34071550-34071650
chr15	34076450	34076550	1090-Lng-A-T	62	chr15:34076450-34076550
chr15	34126750	34126850	1065-Lng-B-T	82	chr15:34126750-34126850
chr15	34134250	34134350	1167-Lng-A-T	5522	chr15:34134250-34134350
chr15	34142150	34142250	1065-Lng-A-T	222	chr15:34142150-34142250
chr15	34171850	34171950	901-Lng-C-T	47	chr15:34171850-34171950
chr15	34171850	34171950	846-Lng-A-T	113	chr15:34171850-34171950
chr15	34178050	34178150	901-Lng-C-T	34	chr15:34178050-34178150

Table S2: SB Insertion regions

chr15	34180850	34180950	1065-Lng-A-T	49	chr15:34180850-34180950
chr15	34188850	34188950	1223-Lng-B-T	196	chr15:34188850-34188950
chr15	34189050	34189150	1065-Lng-B-T	65	chr15:34189050-34189150
chr15	34220650	34220750	1090-Lng-A-T	55	chr15:34220650-34220750
chr15	34241950	34242050	1072-Lng-A-T	55	chr15:34241950-34242050
chr15	34245950	34246050	901-Lng-A-T	77	chr15:34245950-34246050
chr15	34248050	34248150	1065-Lng-B-T	49	chr15:34248050-34248150
chr15	34364350	34364450	1072-Lng-A-T	228	chr15:34364350-34364450
chr15	34367350	34367450	901-Lng-B-T	684	chr15:34367350-34367450
chr15	34367850	34367950	1223-Lng-A-T	135	chr15:34367850-34367950
chr15	34368050	34368150	901-Lng-D-T	203	chr15:34368050-34368150
chr15	34376850	34376950	1167-Lng-A-T	49	chr15:34376850-34376950
chr15	34393950	34394050	901-Lng-C-T	52	chr15:34393950-34394050
chr15	34420050	34420150	1090-Lng-A-T	61	chr15:34420050-34420150
chr15	34433350	34433450	1065-Lng-B-T	97	chr15:34433350-34433450
chr15	34436550	34436650	901-Lng-D-T	354	chr15:34436550-34436650
chr15	34502650	34502750	1090-Lng-A-T	91	chr15:34502650-34502750
chr15	34585350	34585450	901-Lng-A-T	57	chr15:34585350-34585450
chr15	34599450	34599550	1065-Lng-B-T	82	chr15:34599450-34599550
chr15	34600050	34600150	1090-Lng-A-T	49	chr15:34600050-34600150
chr15	34605950	34606050	1065-Lng-B-T	59	chr15:34605950-34606050
chr15	34703250	34703350	1065-Lng-B-T	65	chr15:34703250-34703350
chr15	34804350	34804450	1151-Lng-A-T	68	chr15:34804350-34804450
chr15	34811750	34811850	1065-Lng-A-T	50	chr15:34811750-34811850
chr15	34834050	34834150	1223-Lng-D-T	42	chr15:34834050-34834150
chr15	34839050	34839150	1151-Lng-A-T	262	chr15:34839050-34839150
chr15	34852050	34852150	1065-Lng-A-T	64	chr15:34852050-34852150
chr15	34853150	34853250	1090-Lng-A-T	46	chr15:34853150-34853250
chr15	34853750	34853850	1065-Lng-B-T	48	chr15:34853750-34853850
chr15	34874650	34874750	846-Lng-A-T	57	chr15:34874650-34874750
chr15	34875250	34875350	1090-Lng-A-T	134	chr15:34875250-34875350
chr15	34879650	34879750	1065-Lng-A-T	38	chr15:34879650-34879750
chr15	34898450	34898550	1004-Lng-A-T	466	chr15:34898450-34898550
chr15	34925550	34925650	1065-Lng-C-T	66	chr15:34925550-34925650
chr15	34938650	34938750	901-Lng-B-T	213	chr15:34938650-34938750
chr15	34961450	34961550	846-Lng-A-T	150	chr15:34961450-34961550
chr15	34991550	34991650	1223-Lng-B-T	67	chr15:34991550-34991650
chr15	35010850	35010950	901-Lng-A-T	68	chr15:35010850-35010950
chr15	35014850	35014950	1065-Lng-B-T	46	chr15:35014850-35014950
chr15	35028850	35028950	1223-Lng-D-T	55	chr15:35028850-35028950
chr15	35029850	35029950	1065-Lng-A-T	78	chr15:35029850-35029950
chr15	35060050	35060150	1090-Lng-A-T	44	chr15:35060050-35060150
chr15	35071450	35071550	1072-Lng-A-T	53	chr15:35071450-35071550
chr15	35166250	35166350	1223-Lng-D-T	43	chr15:35166250-35166350
chr15	35177150	35177250	1065-Lng-A-T	77	chr15:35177150-35177250
chr15	35177150	35177250	901-Lng-D-T	255	chr15:35177150-35177250

Table S2: SB Insertion regions

chr15	35187750	35187850	1065-Lng-A-T	86	chr15:35187750-35187850
chr15	35262150	35262250	901-Lng-C-T	28	chr15:35262150-35262250
chr15	35281150	35281250	1065-Lng-B-T	47	chr15:35281150-35281250
chr15	35315150	35315250	1065-Lng-B-T	85	chr15:35315150-35315250
chr15	35320350	35320450	1065-Lng-B-T	117	chr15:35320350-35320450
chr15	35330450	35330550	1151-Lng-A-T	346	chr15:35330450-35330550
chr15	35331650	35331750	1223-Lng-C-T	1199	chr15:35331650-35331750
chr15	35333850	35333950	901-Lng-A-T	79	chr15:35333850-35333950
chr15	35334850	35334950	1274-Lng-A-T	249	chr15:35334850-35334950
chr15	35335450	35335550	1223-Lng-C-T	60	chr15:35335450-35335550
chr15	35347650	35347750	1072-Lng-A-T	52	chr15:35347650-35347750
chr15	35350750	35350850	1090-Lng-A-T	50	chr15:35350750-35350850
chr15	35351650	35351750	901-Lng-D-T	194	chr15:35351650-35351750
chr15	35375050	35375150	1065-Lng-B-T	114	chr15:35375050-35375150
chr15	35418250	35418350	1223-Lng-A-T	141	chr15:35418250-35418350
chr15	35450550	35450650	1223-Lng-B-T	52	chr15:35450550-35450650
chr15	35452650	35452750	1223-Lng-B-T	83	chr15:35452650-35452750
chr15	35473850	35473950	901-Lng-A-T	103	chr15:35473850-35473950
chr15	35495950	35496050	1065-Lng-B-T	43	chr15:35495950-35496050
chr15	35507550	35507650	1004-Lng-A-T	80	chr15:35507550-35507650
chr15	35537950	35538050	901-Lng-B-T	471	chr15:35537950-35538050
chr15	35542250	35542350	1090-Lng-B-T	160	chr15:35542250-35542350
chr15	35545650	35545750	1223-Lng-D-T	41	chr15:35545650-35545750
chr15	35550250	35550350	1065-Lng-B-T	61	chr15:35550250-35550350
chr15	35551550	35551650	1072-Lng-A-T	169	chr15:35551550-35551650
chr15	35580250	35580350	1223-Lng-B-T	35	chr15:35580250-35580350
chr15	35580750	35580850	1065-Lng-B-T	112	chr15:35580750-35580850
chr15	35581550	35581650	1100-Lng-A-T	143	chr15:35581550-35581650
chr15	35604350	35604450	1065-Lng-B-T	49	chr15:35604350-35604450
chr15	35625550	35625650	901-Lng-D-T	309	chr15:35625550-35625650
chr15	35627850	35627950	901-Lng-D-T	434	chr15:35627850-35627950
chr15	35633250	35633350	901-Lng-B-T	541	chr15:35633250-35633350
chr15	35639750	35639850	1223-Lng-B-T	197	chr15:35639750-35639850
chr15	35652850	35652950	1072-Lng-A-T	64	chr15:35652850-35652950
chr15	35662350	35662450	1065-Lng-B-T	64	chr15:35662350-35662450
chr15	35680750	35680850	901-Lng-A-T	96	chr15:35680750-35680850
chr15	35685250	35685350	1274-Lng-A-T	51	chr15:35685250-35685350
chr15	35685350	35685450	901-Lng-A-T	96	chr15:35685350-35685450
chr15	35688750	35688850	1223-Lng-C-T	61	chr15:35688750-35688850
chr15	35695750	35695850	1223-Lng-A-T	84	chr15:35695750-35695850
chr15	35709050	35709150	1072-Lng-A-T	54	chr15:35709050-35709150
chr15	35746950	35747050	1004-Lng-A-T	912	chr15:35746950-35747050
chr15	35815250	35815350	1065-Lng-C-T	63	chr15:35815250-35815350
chr15	35815550	35815650	1065-Lng-B-T	169	chr15:35815550-35815650
chr15	35825050	35825150	1065-Lng-B-T	132	chr15:35825050-35825150
chr15	35840350	35840450	1065-Lng-C-T	78	chr15:35840350-35840450

Table S2: SB Insertion regions

chr15	35882450	35882550	1065-Lng-A-T	95	chr15:35882450-35882550
chr15	35955150	35955250	1065-Lng-C-T	90	chr15:35955150-35955250
chr15	35975050	35975150	1065-Lng-A-T	72	chr15:35975050-35975150
chr15	36037550	36037650	1065-Lng-B-T	40	chr15:36037550-36037650
chr15	36081150	36081250	1065-Lng-B-T	39	chr15:36081150-36081250
chr15	36093350	36093450	1065-Lng-B-T	41	chr15:36093350-36093450
chr15	36111350	36111450	1090-Lng-A-T	48	chr15:36111350-36111450
chr15	36119150	36119250	1065-Lng-B-T	50	chr15:36119150-36119250
chr15	36191050	36191150	846-Lng-A-T	52	chr15:36191050-36191150
chr15	36199850	36199950	901-Lng-B-T	212	chr15:36199850-36199950
chr15	36210650	36210750	1065-Lng-B-T	60	chr15:36210650-36210750
chr15	36211950	36212050	1072-Lng-A-T	83	chr15:36211950-36212050
chr15	36254450	36254550	1065-Lng-C-T	68	chr15:36254450-36254550
chr15	36276450	36276550	1151-Lng-A-T	391	chr15:36276450-36276550
chr15	36308350	36308450	1167-Lng-A-T	56	chr15:36308350-36308450
chr15	36322550	36322650	846-Lng-A-T	325	chr15:36322550-36322650
chr15	36329850	36329950	901-Lng-C-T	36	chr15:36329850-36329950
chr15	36353250	36353350	1090-Lng-A-T	374	chr15:36353250-36353350
chr15	36357750	36357850	1167-Lng-A-T	132	chr15:36357750-36357850
chr15	36406650	36406750	901-Lng-A-T	125	chr15:36406650-36406750
chr15	36410350	36410450	901-Lng-B-T	39	chr15:36410350-36410450
chr15	36415450	36415550	1223-Lng-B-T	34	chr15:36415450-36415550
chr15	36423350	36423450	1065-Lng-B-T	87	chr15:36423350-36423450
chr15	36531450	36531550	1004-Lng-A-T	71	chr15:36531450-36531550
chr15	36531950	36532050	846-Lng-A-T	123	chr15:36531950-36532050
chr15	36534950	36535050	846-Lng-A-T	106	chr15:36534950-36535050
chr15	36598950	36599050	1167-Lng-A-T	120	chr15:36598950-36599050
chr15	36646550	36646650	1274-Lng-A-T	135	chr15:36646550-36646650
chr15	36648250	36648350	1072-Lng-A-T	57	chr15:36648250-36648350
chr15	36693450	36693550	846-Lng-A-T	159	chr15:36693450-36693550
chr15	36698950	36699050	1072-Lng-A-T	68	chr15:36698950-36699050
chr15	36698950	36699050	901-Lng-C-T	79	chr15:36698950-36699050
chr15	36709050	36709150	1065-Lng-A-T	113	chr15:36709050-36709150
chr15	36713750	36713850	1065-Lng-C-T	62	chr15:36713750-36713850
chr15	36714950	36715050	1152-Lng-A-T	42	chr15:36714950-36715050
chr15	36775150	36775250	1072-Lng-A-T	60	chr15:36775150-36775250
chr15	36866550	36866650	1065-Lng-A-T	45	chr15:36866550-36866650
chr15	36874150	36874250	1100-Lng-A-T	55	chr15:36874150-36874250
chr15	36932150	36932250	1004-Lng-A-T	50	chr15:36932150-36932250
chr15	36932650	36932750	1072-Lng-A-T	134	chr15:36932650-36932750
chr15	36935450	36935550	901-Lng-C-T	60	chr15:36935450-36935550
chr15	36965750	36965850	1223-Lng-A-T	128	chr15:36965750-36965850
chr15	37057350	37057450	1223-Lng-D-T	42	chr15:37057350-37057450
chr15	37119650	37119750	901-Lng-A-T	276	chr15:37119650-37119750
chr15	37131850	37131950	1090-Lng-A-T	60	chr15:37131850-37131950
chr15	37151050	37151150	1004-Lng-A-T	1052	chr15:37151050-37151150

Table S2: SB Insertion regions

chr15	37155250	37155350	1065-Lng-A-T	110	chr15:37155250-37155350
chr15	37171250	37171350	1100-Lng-A-T	53	chr15:37171250-37171350
chr15	37177750	37177850	846-Lng-A-T	138	chr15:37177750-37177850
chr15	37194350	37194450	901-Lng-A-T	121	chr15:37194350-37194450
chr15	37198150	37198250	1223-Lng-C-T	100	chr15:37198150-37198250
chr15	37205650	37205750	1223-Lng-B-T	35	chr15:37205650-37205750
chr15	37206750	37206850	1223-Lng-A-T	182	chr15:37206750-37206850
chr15	37214250	37214350	1100-Lng-A-T	60	chr15:37214250-37214350
chr15	37269150	37269250	1065-Lng-C-T	81	chr15:37269150-37269250
chr15	37281150	37281250	1065-Lng-B-T	47	chr15:37281150-37281250
chr15	37293750	37293850	1004-Lng-A-T	105	chr15:37293750-37293850
chr15	37303450	37303550	1072-Lng-A-T	54	chr15:37303450-37303550
chr15	37339050	37339150	901-Lng-B-T	39	chr15:37339050-37339150
chr15	37410750	37410850	846-Lng-A-T	64	chr15:37410750-37410850
chr15	37432750	37432850	1090-Lng-A-T	71	chr15:37432750-37432850
chr15	37508750	37508850	1072-Lng-A-T	176	chr15:37508750-37508850
chr15	37514150	37514250	1065-Lng-B-T	50	chr15:37514150-37514250
chr15	37603250	37603350	901-Lng-D-T	40	chr15:37603250-37603350
chr15	37626150	37626250	901-Lng-A-T	60	chr15:37626150-37626250
chr15	37861150	37861250	846-Lng-A-T	176	chr15:37861150-37861250
chr15	37886250	37886350	1065-Lng-B-T	41	chr15:37886250-37886350
chr15	37898550	37898650	1223-Lng-B-T	37	chr15:37898550-37898650
chr15	37906550	37906650	901-Lng-C-T	41	chr15:37906550-37906650
chr15	37909850	37909950	901-Lng-A-T	315	chr15:37909850-37909950
chr15	37931150	37931250	1152-Lng-A-T	49	chr15:37931150-37931250
chr15	37933150	37933250	1152-Lng-A-T	54	chr15:37933150-37933250
chr15	37943550	37943650	901-Lng-D-T	100	chr15:37943550-37943650
chr15	37945450	37945550	901-Lng-D-T	323	chr15:37945450-37945550
chr15	37953550	37953650	1100-Lng-B-T	304	chr15:37953550-37953650
chr15	37956150	37956250	1223-Lng-D-T	44	chr15:37956150-37956250
chr15	37972950	37973050	1188-Lng-A-T	206	chr15:37972950-37973050
chr15	37977050	37977150	1100-Lng-A-T	238	chr15:37977050-37977150
chr15	37979550	37979650	1223-Lng-A-T	155	chr15:37979550-37979650
chr15	38006150	38006250	1065-Lng-A-T	45	chr15:38006150-38006250
chr15	38091750	38091850	901-Lng-D-T	64	chr15:38091750-38091850
chr15	38098450	38098550	1100-Lng-A-T	60	chr15:38098450-38098550
chr15	38225150	38225250	1223-Lng-C-T	46	chr15:38225150-38225250
chr15	38233550	38233650	1065-Lng-A-T	70	chr15:38233550-38233650
chr15	38254050	38254150	1223-Lng-B-T	202	chr15:38254050-38254150
chr15	38283850	38283950	1004-Lng-A-T	122	chr15:38283850-38283950
chr15	38305450	38305550	1100-Lng-A-T	53	chr15:38305450-38305550
chr15	38311250	38311350	1065-Lng-B-T	60	chr15:38311250-38311350
chr15	38338450	38338550	1072-Lng-A-T	192	chr15:38338450-38338550
chr15	38356550	38356650	1072-Lng-A-T	55	chr15:38356550-38356650
chr15	38391550	38391650	1090-Lng-A-T	62	chr15:38391550-38391650
chr15	38398350	38398450	1065-Lng-A-T	70	chr15:38398350-38398450

Table S2: SB Insertion regions

chr15	38415550	38415650	901-Lng-C-T	82	chr15:38415550-38415650
chr15	38432650	38432750	1004-Lng-A-T	221	chr15:38432650-38432750
chr15	38475950	38476050	1065-Lng-A-T	39	chr15:38475950-38476050
chr15	38491550	38491650	1090-Lng-A-T	45	chr15:38491550-38491650
chr15	38508550	38508650	1072-Lng-A-T	107	chr15:38508550-38508650
chr15	38550550	38550650	1004-Lng-A-T	49	chr15:38550550-38550650
chr15	38558450	38558550	1167-Lng-A-T	45	chr15:38558450-38558550
chr15	38573750	38573850	901-Lng-B-T	133	chr15:38573750-38573850
chr15	38577850	38577950	1167-Lng-A-T	163	chr15:38577850-38577950
chr15	38583050	38583150	901-Lng-B-T	41	chr15:38583050-38583150
chr15	38598750	38598850	1065-Lng-A-T	75	chr15:38598750-38598850
chr15	38598750	38598850	1065-Lng-B-T	60	chr15:38598750-38598850
chr15	38610850	38610950	1065-Lng-B-T	71	chr15:38610850-38610950
chr15	38619250	38619350	1223-Lng-D-T	56	chr15:38619250-38619350
chr15	38777050	38777150	901-Lng-C-T	164	chr15:38777050-38777150
chr15	38786150	38786250	1065-Lng-B-T	92	chr15:38786150-38786250
chr15	38796650	38796750	1223-Lng-C-T	254	chr15:38796650-38796750
chr15	38801450	38801550	1223-Lng-A-T	118	chr15:38801450-38801550
chr15	38811650	38811750	1167-Lng-A-T	107	chr15:38811650-38811750
chr15	38815350	38815450	1065-Lng-A-T	42	chr15:38815350-38815450
chr15	38840350	38840450	1065-Lng-A-T	38	chr15:38840350-38840450
chr15	38850850	38850950	901-Lng-B-T	239	chr15:38850850-38850950
chr15	38861050	38861150	901-Lng-C-T	59	chr15:38861050-38861150
chr15	38865650	38865750	1223-Lng-B-T	95	chr15:38865650-38865750
chr15	38917650	38917750	901-Lng-B-T	154	chr15:38917650-38917750
chr15	38925050	38925150	1167-Lng-A-T	66	chr15:38925050-38925150
chr15	38929950	38930050	1072-Lng-A-T	118	chr15:38929950-38930050
chr15	38942350	38942450	1072-Lng-A-T	69	chr15:38942350-38942450
chr15	38948650	38948750	901-Lng-C-T	53	chr15:38948650-38948750
chr15	38949550	38949650	1065-Lng-C-T	65	chr15:38949550-38949650
chr15	38951050	38951150	846-Lng-A-T	90	chr15:38951050-38951150
chr15	38951950	38952050	1004-Lng-A-T	113	chr15:38951950-38952050
chr15	38955450	38955550	846-Lng-A-T	56	chr15:38955450-38955550
chr15	38965750	38965850	1072-Lng-A-T	58	chr15:38965750-38965850
chr15	38967150	38967250	1223-Lng-D-T	41	chr15:38967150-38967250
chr15	38973450	38973550	1072-Lng-A-T	48	chr15:38973450-38973550
chr15	39033650	39033750	1090-Lng-A-T	112	chr15:39033650-39033750
chr15	39071850	39071950	901-Lng-C-T	163	chr15:39071850-39071950
chr15	39080750	39080850	1065-Lng-C-T	78	chr15:39080750-39080850
chr15	39101650	39101750	1065-Lng-B-T	61	chr15:39101650-39101750
chr15	39159250	39159350	1065-Lng-A-T	61	chr15:39159250-39159350
chr15	39192750	39192850	1223-Lng-B-T	1424	chr15:39192750-39192850
chr15	39198050	39198150	1223-Lng-B-T	40	chr15:39198050-39198150
chr15	39221250	39221350	901-Lng-A-T	56	chr15:39221250-39221350
chr15	39230850	39230950	1065-Lng-B-T	63	chr15:39230850-39230950
chr15	39230950	39231050	901-Lng-C-T	75	chr15:39230950-39231050

Table S2: SB Insertion regions

chr15	39240950	39241050	1065-Lng-C-T	80	chr15:39240950-39241050
chr15	39265350	39265450	1004-Lng-A-T	75	chr15:39265350-39265450
chr15	39286850	39286950	901-Lng-A-T	104	chr15:39286850-39286950
chr15	39312550	39312650	1004-Lng-A-T	99	chr15:39312550-39312650
chr15	39318950	39319050	1065-Lng-B-T	39	chr15:39318950-39319050
chr15	39338950	39339050	901-Lng-B-T	103	chr15:39338950-39339050
chr15	39368650	39368750	846-Lng-A-T	769	chr15:39368650-39368750
chr15	39404150	39404250	901-Lng-C-T	187	chr15:39404150-39404250
chr15	39417150	39417250	1090-Lng-A-T	53	chr15:39417150-39417250
chr15	39421650	39421750	901-Lng-B-T	159	chr15:39421650-39421750
chr15	39430250	39430350	901-Lng-B-T	65	chr15:39430250-39430350
chr15	39435650	39435750	1090-Lng-A-T	47	chr15:39435650-39435750
chr15	39490750	39490850	901-Lng-D-T	375	chr15:39490750-39490850
chr15	39493150	39493250	1065-Lng-A-T	37	chr15:39493150-39493250
chr15	39493150	39493250	1065-Lng-C-T	1862	chr15:39493150-39493250
chr15	39498750	39498850	901-Lng-C-T	133	chr15:39498750-39498850
chr15	39500150	39500250	1223-Lng-B-T	51	chr15:39500150-39500250
chr15	39537450	39537550	1004-Lng-A-T	114	chr15:39537450-39537550
chr15	39591350	39591450	1167-Lng-A-T	145	chr15:39591350-39591450
chr15	39596650	39596750	1004-Lng-A-T	50	chr15:39596650-39596750
chr15	39620550	39620650	1065-Lng-A-T	73	chr15:39620550-39620650
chr15	39637750	39637850	901-Lng-B-T	50	chr15:39637750-39637850
chr15	39680250	39680350	901-Lng-D-T	174	chr15:39680250-39680350
chr15	39706850	39706950	901-Lng-A-T	57	chr15:39706850-39706950
chr15	39717050	39717150	1072-Lng-A-T	199	chr15:39717050-39717150
chr15	39744550	39744650	1188-Lng-A-T	67	chr15:39744550-39744650
chr15	39767350	39767450	1167-Lng-A-T	181	chr15:39767350-39767450
chr15	39769150	39769250	901-Lng-B-T	111	chr15:39769150-39769250
chr15	39772850	39772950	1223-Lng-B-T	323	chr15:39772850-39772950
chr15	39773250	39773350	1223-Lng-C-T	51	chr15:39773250-39773350
chr15	39846950	39847050	1223-Lng-A-T	96	chr15:39846950-39847050
chr15	39871450	39871550	1072-Lng-A-T	80	chr15:39871450-39871550
chr15	39874850	39874950	1090-Lng-A-T	209	chr15:39874850-39874950
chr15	39895550	39895650	1223-Lng-A-T	85	chr15:39895550-39895650
chr15	39900350	39900450	1065-Lng-B-T	71	chr15:39900350-39900450
chr15	39907450	39907550	1223-Lng-A-T	1881	chr15:39907450-39907550
chr15	39952050	39952150	901-Lng-B-T	690	chr15:39952050-39952150
chr15	39985850	39985950	1065-Lng-C-T	1443	chr15:39985850-39985950
chr15	39999550	39999650	901-Lng-A-T	54	chr15:39999550-39999650
chr15	40122350	40122450	901-Lng-A-T	68	chr15:40122350-40122450
chr15	40168550	40168650	1223-Lng-A-T	1424	chr15:40168550-40168650
chr15	40236650	40236750	1065-Lng-A-T	60	chr15:40236650-40236750
chr15	40240850	40240950	1274-Lng-A-T	72	chr15:40240850-40240950
chr15	40244250	40244350	1065-Lng-A-T	97	chr15:40244250-40244350
chr15	40250150	40250250	1072-Lng-A-T	186	chr15:40250150-40250250
chr15	40264450	40264550	1065-Lng-A-T	89	chr15:40264450-40264550

Table S2: SB Insertion regions

chr15	40268750	40268850	1188-Lng-A-T	178	chr15:40268750-40268850
chr15	40286150	40286250	846-Lng-A-T	98	chr15:40286150-40286250
chr15	40303750	40303850	1065-Lng-C-T	89	chr15:40303750-40303850
chr15	40325350	40325450	1004-Lng-A-T	75	chr15:40325350-40325450
chr15	40345850	40345950	1223-Lng-A-T	153	chr15:40345850-40345950
chr15	40353950	40354050	1065-Lng-A-T	40	chr15:40353950-40354050
chr15	40379150	40379250	1223-Lng-B-T	310	chr15:40379150-40379250
chr15	40457950	40458050	1065-Lng-B-T	39	chr15:40457950-40458050
chr15	40484350	40484450	1223-Lng-B-T	37	chr15:40484350-40484450
chr15	40542950	40543050	901-Lng-B-T	67	chr15:40542950-40543050
chr15	40543950	40544050	1223-Lng-D-T	71	chr15:40543950-40544050
chr15	40551250	40551350	901-Lng-C-T	41	chr15:40551250-40551350
chr15	40565750	40565850	901-Lng-C-T	93	chr15:40565750-40565850
chr15	40577250	40577350	1065-Lng-B-T	72	chr15:40577250-40577350
chr15	40594350	40594450	1065-Lng-A-T	84	chr15:40594350-40594450
chr15	40594650	40594750	901-Lng-C-T	140	chr15:40594650-40594750
chr15	40599650	40599750	901-Lng-D-T	336	chr15:40599650-40599750
chr15	40608250	40608350	1065-Lng-C-T	66	chr15:40608250-40608350
chr15	40649150	40649250	1223-Lng-A-T	169	chr15:40649150-40649250
chr15	40650650	40650750	901-Lng-A-T	85	chr15:40650650-40650750
chr15	40676950	40677050	1065-Lng-A-T	663	chr15:40676950-40677050
chr15	40681850	40681950	901-Lng-D-T	103	chr15:40681850-40681950
chr15	40707850	40707950	1065-Lng-B-T	95	chr15:40707850-40707950
chr15	40708350	40708450	901-Lng-B-T	49	chr15:40708350-40708450
chr15	40742950	40743050	1065-Lng-B-T	83	chr15:40742950-40743050
chr15	40765550	40765650	1065-Lng-A-T	59	chr15:40765550-40765650
chr15	40786650	40786750	1100-Lng-A-T	90	chr15:40786650-40786750
chr15	40799350	40799450	1100-Lng-A-T	86	chr15:40799350-40799450
chr15	40814650	40814750	1223-Lng-D-T	49	chr15:40814650-40814750
chr15	40820850	40820950	901-Lng-A-T	157	chr15:40820850-40820950
chr15	40854050	40854150	901-Lng-C-T	73	chr15:40854050-40854150
chr15	40893050	40893150	1223-Lng-B-T	55	chr15:40893050-40893150
chr15	40902450	40902550	1065-Lng-C-T	78	chr15:40902450-40902550
chr15	40946450	40946550	1004-Lng-A-T	119	chr15:40946450-40946550
chr15	40951150	40951250	901-Lng-C-T	58	chr15:40951150-40951250
chr15	40957050	40957150	1065-Lng-B-T	42	chr15:40957050-40957150
chr15	40973850	40973950	1152-Lng-A-T	53	chr15:40973850-40973950
chr15	41039450	41039550	1004-Lng-A-T	176	chr15:41039450-41039550
chr15	41100950	41101050	1072-Lng-A-T	53	chr15:41100950-41101050
chr15	41127850	41127950	901-Lng-A-T	129	chr15:41127850-41127950
chr15	41144650	41144750	901-Lng-C-T	74	chr15:41144650-41144750
chr15	41155250	41155350	901-Lng-A-T	58	chr15:41155250-41155350
chr15	41159750	41159850	1090-Lng-A-T	51	chr15:41159750-41159850
chr15	41163050	41163150	1072-Lng-A-T	72	chr15:41163050-41163150
chr15	41216850	41216950	846-Lng-A-T	84	chr15:41216850-41216950
chr15	41221650	41221750	1072-Lng-A-T	62	chr15:41221650-41221750

Table S2: SB Insertion regions

chr15	41245250	41245350	1223-Lng-A-T	234	chr15:41245250-41245350
chr15	41252250	41252350	1223-Lng-A-T	134	chr15:41252250-41252350
chr15	41295250	41295350	1167-Lng-A-T	59	chr15:41295250-41295350
chr15	41301150	41301250	1072-Lng-A-T	126	chr15:41301150-41301250
chr15	41446950	41447050	1223-Lng-B-T	98	chr15:41446950-41447050
chr15	41456150	41456250	901-Lng-C-T	51	chr15:41456150-41456250
chr15	41465750	41465850	1065-Lng-A-T	50	chr15:41465750-41465850
chr15	41466150	41466250	901-Lng-C-T	211	chr15:41466150-41466250
chr15	41480750	41480850	1223-Lng-B-T	61	chr15:41480750-41480850
chr15	41484550	41484650	1090-Lng-A-T	71	chr15:41484550-41484650
chr15	41491050	41491150	1223-Lng-A-T	3758	chr15:41491050-41491150
chr15	41498350	41498450	901-Lng-B-T	153	chr15:41498350-41498450
chr15	41526550	41526650	1004-Lng-A-T	76	chr15:41526550-41526650
chr15	41526650	41526750	901-Lng-A-T	67	chr15:41526650-41526750
chr15	41569050	41569150	1090-Lng-A-T	47	chr15:41569050-41569150
chr15	41569250	41569350	1167-Lng-A-T	60	chr15:41569250-41569350
chr15	41571750	41571850	1223-Lng-C-T	49	chr15:41571750-41571850
chr15	41572150	41572250	901-Lng-B-T	305	chr15:41572150-41572250
chr15	41591850	41591950	1072-Lng-A-T	72	chr15:41591850-41591950
chr15	41594350	41594450	1072-Lng-A-T	70	chr15:41594350-41594450
chr15	41607350	41607450	1065-Lng-B-T	51	chr15:41607350-41607450
chr15	41627050	41627150	1223-Lng-D-T	93	chr15:41627050-41627150
chr15	41629750	41629850	1223-Lng-A-T	51	chr15:41629750-41629850
chr15	41645850	41645950	1223-Lng-D-T	376	chr15:41645850-41645950
chr15	41646850	41646950	901-Lng-A-T	100	chr15:41646850-41646950
chr15	41659050	41659150	1223-Lng-A-T	116	chr15:41659050-41659150
chr15	41663450	41663550	901-Lng-B-T	63	chr15:41663450-41663550
chr15	41669650	41669750	1223-Lng-A-T	121	chr15:41669650-41669750
chr15	41671250	41671350	1065-Lng-A-T	66	chr15:41671250-41671350
chr15	41683950	41684050	901-Lng-C-T	177	chr15:41683950-41684050
chr15	41686550	41686650	1167-Lng-A-T	72	chr15:41686550-41686650
chr15	41687650	41687750	1167-Lng-A-T	65	chr15:41687650-41687750
chr15	41689150	41689250	1223-Lng-A-T	110	chr15:41689150-41689250
chr15	41710350	41710450	901-Lng-C-T	52	chr15:41710350-41710450
chr15	41713150	41713250	901-Lng-A-T	65	chr15:41713150-41713250
chr15	41735550	41735650	901-Lng-A-T	96	chr15:41735550-41735650
chr15	41739350	41739450	901-Lng-C-T	72	chr15:41739350-41739450
chr15	41745750	41745850	901-Lng-B-T	96	chr15:41745750-41745850
chr15	41748650	41748750	846-Lng-A-T	144	chr15:41748650-41748750
chr15	41751050	41751150	1223-Lng-A-T	340	chr15:41751050-41751150
chr15	41802750	41802850	1065-Lng-B-T	365	chr15:41802750-41802850
chr15	41817250	41817350	1065-Lng-A-T	49	chr15:41817250-41817350
chr15	41878850	41878950	1065-Lng-A-T	67	chr15:41878850-41878950
chr15	41881150	41881250	1152-Lng-A-T	73	chr15:41881150-41881250
chr15	41926650	41926750	901-Lng-C-T	198	chr15:41926650-41926750
chr15	41949850	41949950	1223-Lng-A-T	87	chr15:41949850-41949950

Table S2: SB Insertion regions

chr15	41952250	41952350	1065-Lng-A-T	37	chr15:41952250-41952350
chr15	41991450	41991550	846-Lng-A-T	147	chr15:41991450-41991550
chr15	41992750	41992850	1004-Lng-A-T	84	chr15:41992750-41992850
chr15	42021450	42021550	901-Lng-B-T	57	chr15:42021450-42021550
chr15	42059050	42059150	901-Lng-D-T	247	chr15:42059050-42059150
chr15	42064950	42065050	1065-Lng-B-T	134	chr15:42064950-42065050
chr15	42069750	42069850	901-Lng-B-T	148	chr15:42069750-42069850
chr15	42069750	42069850	1072-Lng-A-T	114	chr15:42069750-42069850
chr15	42113850	42113950	1065-Lng-B-T	67	chr15:42113850-42113950
chr15	42124850	42124950	1274-Lng-A-T	71	chr15:42124850-42124950
chr15	42134050	42134150	1004-Lng-A-T	135	chr15:42134050-42134150
chr15	42209050	42209150	901-Lng-D-T	354	chr15:42209050-42209150
chr15	42215650	42215750	1065-Lng-B-T	61	chr15:42215650-42215750
chr15	42220250	42220350	1004-Lng-A-T	411	chr15:42220250-42220350
chr15	42239650	42239750	1072-Lng-A-T	80	chr15:42239650-42239750
chr15	42261550	42261650	1090-Lng-B-T	144	chr15:42261550-42261650
chr15	42267250	42267350	901-Lng-B-T	107	chr15:42267250-42267350
chr15	42316450	42316550	1065-Lng-B-T	88	chr15:42316450-42316550
chr15	42355750	42355850	901-Lng-A-T	67	chr15:42355750-42355850
chr15	42357250	42357350	1065-Lng-C-T	75	chr15:42357250-42357350
chr15	42379050	42379150	1065-Lng-A-T	34	chr15:42379050-42379150
chr15	42381150	42381250	1090-Lng-A-T	46	chr15:42381150-42381250
chr15	42398250	42398350	1167-Lng-A-T	45	chr15:42398250-42398350
chr15	42420250	42420350	1090-Lng-A-T	79	chr15:42420250-42420350
chr15	42426850	42426950	1065-Lng-C-T	77	chr15:42426850-42426950
chr15	42450850	42450950	901-Lng-C-T	106	chr15:42450850-42450950
chr15	42486450	42486550	1223-Lng-B-T	334	chr15:42486450-42486550
chr15	42490650	42490750	901-Lng-A-T	208	chr15:42490650-42490750
chr15	42517050	42517150	1090-Lng-B-T	81	chr15:42517050-42517150
chr15	42532350	42532450	1090-Lng-A-T	117	chr15:42532350-42532450
chr15	42565850	42565950	1223-Lng-B-T	135	chr15:42565850-42565950
chr15	42576350	42576450	1065-Lng-B-T	83	chr15:42576350-42576450
chr15	42591650	42591750	1065-Lng-B-T	59	chr15:42591650-42591750
chr15	42624450	42624550	901-Lng-B-T	225	chr15:42624450-42624550
chr15	42657750	42657850	1223-Lng-B-T	41	chr15:42657750-42657850
chr15	42657950	42658050	1065-Lng-C-T	65	chr15:42657950-42658050
chr15	42670550	42670650	1065-Lng-B-T	73	chr15:42670550-42670650
chr15	42716150	42716250	1065-Lng-C-T	78	chr15:42716150-42716250
chr15	42735350	42735450	1065-Lng-B-T	176	chr15:42735350-42735450
chr15	42752250	42752350	901-Lng-B-T	61	chr15:42752250-42752350
chr15	42755750	42755850	1065-Lng-C-T	98	chr15:42755750-42755850
chr15	42759850	42759950	846-Lng-A-T	92	chr15:42759850-42759950
chr15	42777950	42778050	846-Lng-A-T	215	chr15:42777950-42778050
chr15	42788350	42788450	1223-Lng-B-T	54	chr15:42788350-42788450
chr15	42792450	42792550	901-Lng-B-T	195	chr15:42792450-42792550
chr15	42805650	42805750	1223-Lng-A-T	1764	chr15:42805650-42805750

Table S2: SB Insertion regions

chr15	42805950	42806050	901-Lng-C-T	118	chr15:42805950-42806050
chr15	42828850	42828950	1065-Lng-C-T	67	chr15:42828850-42828950
chr15	42831250	42831350	1090-Lng-A-T	51	chr15:42831250-42831350
chr15	42833950	42834050	901-Lng-C-T	84	chr15:42833950-42834050
chr15	42843350	42843450	901-Lng-A-T	69	chr15:42843350-42843450
chr15	42854850	42854950	1090-Lng-A-T	61	chr15:42854850-42854950
chr15	42859050	42859150	1065-Lng-B-T	277	chr15:42859050-42859150
chr15	42893150	42893250	901-Lng-C-T	63	chr15:42893150-42893250
chr15	42894150	42894250	1223-Lng-C-T	47	chr15:42894150-42894250
chr15	42901250	42901350	901-Lng-A-T	84	chr15:42901250-42901350
chr15	42912550	42912650	901-Lng-B-T	104	chr15:42912550-42912650
chr15	42916650	42916750	1072-Lng-A-T	67	chr15:42916650-42916750
chr15	42936450	42936550	1223-Lng-A-T	154	chr15:42936450-42936550
chr15	42936750	42936850	1072-Lng-A-T	50	chr15:42936750-42936850
chr15	42941950	42942050	846-Lng-A-T	129	chr15:42941950-42942050
chr15	42947050	42947150	1223-Lng-B-T	37	chr15:42947050-42947150
chr15	42969850	42969950	1065-Lng-B-T	74	chr15:42969850-42969950
chr15	42985950	42986050	1090-Lng-A-T	95	chr15:42985950-42986050
chr15	43051250	43051350	1065-Lng-C-T	66	chr15:43051250-43051350
chr15	43056650	43056750	901-Lng-D-T	271	chr15:43056650-43056750
chr15	43066350	43066450	1223-Lng-C-T	46	chr15:43066350-43066450
chr15	43072350	43072450	901-Lng-C-T	37	chr15:43072350-43072450
chr15	43072350	43072450	901-Lng-D-T	274	chr15:43072350-43072450
chr15	43074150	43074250	1223-Lng-A-T	162	chr15:43074150-43074250
chr15	43074750	43074850	1065-Lng-A-T	45	chr15:43074750-43074850
chr15	43080650	43080750	901-Lng-C-T	79	chr15:43080650-43080750
chr15	43081150	43081250	901-Lng-A-T	87	chr15:43081150-43081250
chr15	43081650	43081750	846-Lng-A-T	60	chr15:43081650-43081750
chr15	43082850	43082950	846-Lng-A-T	100	chr15:43082850-43082950
chr15	43090050	43090150	1100-Lng-A-T	362	chr15:43090050-43090150
chr15	43092650	43092750	1065-Lng-B-T	50	chr15:43092650-43092750
chr15	43092750	43092850	1072-Lng-A-T	81	chr15:43092750-43092850
chr15	43093050	43093150	1223-Lng-D-T	41	chr15:43093050-43093150
chr15	43094150	43094250	1072-Lng-A-T	79	chr15:43094150-43094250
chr15	43094550	43094650	1090-Lng-A-T	85	chr15:43094550-43094650
chr15	43096950	43097050	846-Lng-A-T	58	chr15:43096950-43097050
chr15	43099750	43099850	1072-Lng-A-T	55	chr15:43099750-43099850
chr15	43100750	43100850	1090-Lng-A-T	171	chr15:43100750-43100850
chr15	43102150	43102250	1188-Lng-A-T	102	chr15:43102150-43102250
chr15	43106450	43106550	901-Lng-A-T	507	chr15:43106450-43106550
chr15	43134050	43134150	901-Lng-A-T	51	chr15:43134050-43134150
chr15	43143450	43143550	1065-Lng-B-T	60	chr15:43143450-43143550
chr15	43156850	43156950	901-Lng-B-T	153	chr15:43156850-43156950
chr15	43190250	43190350	1065-Lng-A-T	50	chr15:43190250-43190350
chr15	43198750	43198850	901-Lng-A-T	91	chr15:43198750-43198850
chr15	43247850	43247950	1274-Lng-A-T	63	chr15:43247850-43247950

Table S2: SB Insertion regions

chr15	43261750	43261850	901-Lng-B-T	209	chr15:43261750-43261850
chr15	43266850	43266950	1090-Lng-A-T	70	chr15:43266850-43266950
chr15	43272550	43272650	1090-Lng-A-T	121	chr15:43272550-43272650
chr15	43293550	43293650	901-Lng-A-T	681	chr15:43293550-43293650
chr15	43294250	43294350	1223-Lng-D-T	41	chr15:43294250-43294350
chr15	43309450	43309550	1065-Lng-B-T	40	chr15:43309450-43309550
chr15	43309550	43309650	901-Lng-B-T	138	chr15:43309550-43309650
chr15	43311950	43312050	901-Lng-C-T	117	chr15:43311950-43312050
chr15	43311950	43312050	1167-Lng-A-T	1977	chr15:43311950-43312050
chr15	43330950	43331050	901-Lng-B-T	143	chr15:43330950-43331050
chr15	43378250	43378350	901-Lng-C-T	51	chr15:43378250-43378350
chr15	43383450	43383550	1065-Lng-A-T	56	chr15:43383450-43383550
chr15	43508950	43509050	1065-Lng-B-T	60	chr15:43508950-43509050
chr15	43512650	43512750	1065-Lng-A-T	43	chr15:43512650-43512750
chr15	43512850	43512950	1004-Lng-A-T	81	chr15:43512850-43512950
chr15	43521350	43521450	1223-Lng-D-T	74	chr15:43521350-43521450
chr15	43525250	43525350	846-Lng-A-T	62	chr15:43525250-43525350
chr15	43535650	43535750	901-Lng-A-T	69	chr15:43535650-43535750
chr15	43565650	43565750	846-Lng-A-T	125	chr15:43565650-43565750
chr15	43583950	43584050	1004-Lng-A-T	60	chr15:43583950-43584050
chr15	43600950	43601050	1065-Lng-B-T	96	chr15:43600950-43601050
chr15	43631850	43631950	901-Lng-B-T	93	chr15:43631850-43631950
chr15	43639350	43639450	1223-Lng-D-T	41	chr15:43639350-43639450
chr15	43642050	43642150	901-Lng-D-T	90	chr15:43642050-43642150
chr15	43645650	43645750	1065-Lng-A-T	54	chr15:43645650-43645750
chr15	43647250	43647350	1065-Lng-A-T	40	chr15:43647250-43647350
chr15	43657350	43657450	901-Lng-B-T	131	chr15:43657350-43657450
chr15	43657850	43657950	1065-Lng-A-T	87	chr15:43657850-43657950
chr15	43676650	43676750	1065-Lng-B-T	49	chr15:43676650-43676750
chr15	43685350	43685450	1065-Lng-B-T	71	chr15:43685350-43685450
chr15	43694950	43695050	901-Lng-A-T	104	chr15:43694950-43695050
chr15	43696650	43696750	1065-Lng-B-T	39	chr15:43696650-43696750
chr15	43727850	43727950	1004-Lng-A-T	109	chr15:43727850-43727950
chr15	43731650	43731750	1188-Lng-A-T	47	chr15:43731650-43731750
chr15	43760550	43760650	1065-Lng-B-T	50	chr15:43760550-43760650
chr15	43766750	43766850	1065-Lng-C-T	86	chr15:43766750-43766850
chr15	43769150	43769250	846-Lng-A-T	145	chr15:43769150-43769250
chr15	43823150	43823250	901-Lng-D-T	91	chr15:43823150-43823250
chr15	43827150	43827250	1072-Lng-A-T	143	chr15:43827150-43827250
chr15	43828750	43828850	1065-Lng-B-T	54	chr15:43828750-43828850
chr15	43836050	43836150	901-Lng-A-T	123	chr15:43836050-43836150
chr15	43836550	43836650	1065-Lng-B-T	51	chr15:43836550-43836650
chr15	43880150	43880250	1223-Lng-D-T	48	chr15:43880150-43880250
chr15	43891350	43891450	1090-Lng-A-T	49	chr15:43891350-43891450
chr15	43892250	43892350	901-Lng-D-T	491	chr15:43892250-43892350
chr15	43915550	43915650	1152-Lng-A-T	93	chr15:43915550-43915650

Table S2: SB Insertion regions

chr15	43923850	43923950	1065-Lng-A-T	60	chr15:43923850-43923950
chr15	43945250	43945350	901-Lng-C-T	136	chr15:43945250-43945350
chr15	43979550	43979650	1090-Lng-B-T	702	chr15:43979550-43979650
chr15	43985050	43985150	1065-Lng-A-T	126	chr15:43985050-43985150
chr15	43985250	43985350	1065-Lng-B-T	73	chr15:43985250-43985350
chr15	43994550	43994650	846-Lng-A-T	92	chr15:43994550-43994650
chr15	43996350	43996450	1223-Lng-B-T	233	chr15:43996350-43996450
chr15	44001850	44001950	846-Lng-A-T	361	chr15:44001850-44001950
chr15	44007350	44007450	1090-Lng-A-T	107	chr15:44007350-44007450
chr15	44016350	44016450	1065-Lng-A-T	47	chr15:44016350-44016450
chr15	44019150	44019250	1072-Lng-A-T	176	chr15:44019150-44019250
chr15	44019850	44019950	1065-Lng-A-T	39	chr15:44019850-44019950
chr15	44022550	44022650	1004-Lng-A-T	57	chr15:44022550-44022650
chr15	44023550	44023650	901-Lng-D-T	488	chr15:44023550-44023650
chr15	44027850	44027950	901-Lng-B-T	132	chr15:44027850-44027950
chr15	44030150	44030250	901-Lng-C-T	47	chr15:44030150-44030250
chr15	44030550	44030650	901-Lng-B-T	140	chr15:44030550-44030650
chr15	44034150	44034250	1065-Lng-B-T	40	chr15:44034150-44034250
chr15	44040950	44041050	1065-Lng-C-T	1221	chr15:44040950-44041050
chr15	44043450	44043550	901-Lng-C-T	187	chr15:44043450-44043550
chr15	44043850	44043950	1072-Lng-A-T	90	chr15:44043850-44043950
chr15	44046850	44046950	1065-Lng-A-T	34	chr15:44046850-44046950
chr15	44048150	44048250	1072-Lng-A-T	66	chr15:44048150-44048250
chr15	44049950	44050050	1090-Lng-A-T	121	chr15:44049950-44050050
chr15	44052550	44052650	1065-Lng-A-T	53	chr15:44052550-44052650
chr15	44053450	44053550	1065-Lng-C-T	12495	chr15:44053450-44053550
chr15	44061850	44061950	1090-Lng-A-T	119	chr15:44061850-44061950
chr15	44062450	44062550	901-Lng-C-T	56	chr15:44062450-44062550
chr15	44063750	44063850	1065-Lng-A-T	523	chr15:44063750-44063850
chr15	44066950	44067050	1065-Lng-A-T	49	chr15:44066950-44067050
chr15	44067550	44067650	1065-Lng-A-T	54	chr15:44067550-44067650
chr15	44070850	44070950	901-Lng-B-T	89	chr15:44070850-44070950
chr15	44072550	44072650	846-Lng-A-T	622	chr15:44072550-44072650
chr15	44072550	44072650	1090-Lng-A-T	690	chr15:44072550-44072650
chr15	44087050	44087150	1223-Lng-B-T	48	chr15:44087050-44087150
chr15	44093650	44093750	901-Lng-D-T	310	chr15:44093650-44093750
chr15	44116250	44116350	1004-Lng-A-T	88	chr15:44116250-44116350
chr15	44137950	44138050	1090-Lng-A-T	384	chr15:44137950-44138050
chr15	44153350	44153450	1090-Lng-A-T	100	chr15:44153350-44153450
chr15	44160950	44161050	1065-Lng-A-T	100	chr15:44160950-44161050
chr15	44169050	44169150	901-Lng-B-T	178	chr15:44169050-44169150
chr15	44211050	44211150	1004-Lng-A-T	67	chr15:44211050-44211150
chr15	44212050	44212150	846-Lng-A-T	120	chr15:44212050-44212150
chr15	44212250	44212350	1004-Lng-A-T	61	chr15:44212250-44212350
chr15	44219750	44219850	1090-Lng-B-T	702	chr15:44219750-44219850
chr15	44227450	44227550	901-Lng-A-T	104	chr15:44227450-44227550

Table S2: SB Insertion regions

chr15	44228750	44228850	1004-Lng-A-T	77	chr15:44228750-44228850
chr15	44235550	44235650	1223-Lng-D-T	41	chr15:44235550-44235650
chr15	44245450	44245550	901-Lng-A-T	89	chr15:44245450-44245550
chr15	44246950	44247050	1065-Lng-A-T	239	chr15:44246950-44247050
chr15	44261550	44261650	901-Lng-A-T	68	chr15:44261550-44261650
chr15	44264750	44264850	901-Lng-A-T	79	chr15:44264750-44264850
chr15	44270650	44270750	1065-Lng-C-T	93	chr15:44270650-44270750
chr15	44282150	44282250	1065-Lng-A-T	93	chr15:44282150-44282250
chr15	44296450	44296550	901-Lng-A-T	70	chr15:44296450-44296550
chr15	44296650	44296750	901-Lng-B-T	156	chr15:44296650-44296750
chr15	44313250	44313350	1090-Lng-A-T	74	chr15:44313250-44313350
chr15	44333950	44334050	1065-Lng-B-T	46	chr15:44333950-44334050
chr15	44343150	44343250	1090-Lng-A-T	63	chr15:44343150-44343250
chr15	44357550	44357650	1065-Lng-C-T	108	chr15:44357550-44357650
chr15	44367950	44368050	1004-Lng-A-T	736	chr15:44367950-44368050
chr15	44392750	44392850	1100-Lng-A-T	87	chr15:44392750-44392850
chr15	44395150	44395250	901-Lng-D-T	404	chr15:44395150-44395250
chr15	44403950	44404050	1065-Lng-C-T	100	chr15:44403950-44404050
chr15	44406250	44406350	1167-Lng-A-T	65	chr15:44406250-44406350
chr15	44413150	44413250	846-Lng-A-T	169	chr15:44413150-44413250
chr15	44416750	44416850	1065-Lng-B-T	50	chr15:44416750-44416850
chr15	44421650	44421750	1065-Lng-C-T	70	chr15:44421650-44421750
chr15	44448750	44448850	846-Lng-A-T	100	chr15:44448750-44448850
chr15	44449850	44449950	1090-Lng-B-T	297	chr15:44449850-44449950
chr15	44457550	44457650	1223-Lng-C-T	111	chr15:44457550-44457650
chr15	44458550	44458650	901-Lng-B-T	362	chr15:44458550-44458650
chr15	44460950	44461050	901-Lng-D-T	376	chr15:44460950-44461050
chr15	44476850	44476950	1090-Lng-A-T	76	chr15:44476850-44476950
chr15	44480150	44480250	1065-Lng-A-T	57	chr15:44480150-44480250
chr15	44480150	44480250	1065-Lng-B-T	141	chr15:44480150-44480250
chr15	44510950	44511050	1065-Lng-C-T	61	chr15:44510950-44511050
chr15	44511250	44511350	1090-Lng-A-T	63	chr15:44511250-44511350
chr15	44540650	44540750	846-Lng-A-T	66	chr15:44540650-44540750
chr15	44543350	44543450	1072-Lng-A-T	100	chr15:44543350-44543450
chr15	44562850	44562950	901-Lng-C-T	106	chr15:44562850-44562950
chr15	44575150	44575250	1223-Lng-C-T	72	chr15:44575150-44575250
chr15	44577050	44577150	901-Lng-B-T	214	chr15:44577050-44577150
chr15	44581450	44581550	1223-Lng-A-T	162	chr15:44581450-44581550
chr15	44594050	44594150	1072-Lng-A-T	53	chr15:44594050-44594150
chr15	44598350	44598450	1065-Lng-A-T	45	chr15:44598350-44598450
chr15	44614350	44614450	1065-Lng-A-T	38	chr15:44614350-44614450
chr15	44641550	44641650	901-Lng-A-T	77	chr15:44641550-44641650
chr15	44642150	44642250	1065-Lng-A-T	42	chr15:44642150-44642250
chr15	44667850	44667950	1223-Lng-D-T	40	chr15:44667850-44667950
chr15	44669050	44669150	1072-Lng-A-T	130	chr15:44669050-44669150
chr15	44681650	44681750	1072-Lng-A-T	111	chr15:44681650-44681750

Table S2: SB Insertion regions

chr15	44743150	44743250	1065-Lng-C-T	103	chr15:44743150-44743250
chr15	44778250	44778350	1090-Lng-B-T	102	chr15:44778250-44778350
chr15	44788750	44788850	901-Lng-A-T	52	chr15:44788750-44788850
chr15	44849450	44849550	901-Lng-B-T	93	chr15:44849450-44849550
chr15	44884150	44884250	901-Lng-D-T	39	chr15:44884150-44884250
chr15	44887150	44887250	901-Lng-C-T	62	chr15:44887150-44887250
chr15	44914050	44914150	1072-Lng-A-T	189	chr15:44914050-44914150
chr15	44959050	44959150	901-Lng-C-T	101	chr15:44959050-44959150
chr15	45003350	45003450	1090-Lng-B-T	279	chr15:45003350-45003450
chr15	45018350	45018450	1065-Lng-B-T	57	chr15:45018350-45018450
chr15	45029750	45029850	1223-Lng-B-T	252	chr15:45029750-45029850
chr15	45059350	45059450	901-Lng-C-T	32	chr15:45059350-45059450
chr15	45069050	45069150	901-Lng-D-T	682	chr15:45069050-45069150
chr15	45103250	45103350	1223-Lng-D-T	40	chr15:45103250-45103350
chr15	45157850	45157950	1004-Lng-A-T	57	chr15:45157850-45157950
chr15	45158650	45158750	1152-Lng-A-T	87	chr15:45158650-45158750
chr15	45203050	45203150	901-Lng-C-T	103	chr15:45203050-45203150
chr15	45237450	45237550	1072-Lng-A-T	52	chr15:45237450-45237550
chr15	45242350	45242450	1004-Lng-A-T	63	chr15:45242350-45242450
chr15	45245750	45245850	1072-Lng-A-T	70	chr15:45245750-45245850
chr15	45251650	45251750	901-Lng-A-T	61	chr15:45251650-45251750
chr15	45251950	45252050	1090-Lng-A-T	80	chr15:45251950-45252050
chr15	45260050	45260150	1065-Lng-C-T	68	chr15:45260050-45260150
chr15	45261350	45261450	1065-Lng-B-T	100	chr15:45261350-45261450
chr15	45261950	45262050	1065-Lng-B-T	387	chr15:45261950-45262050
chr15	45280150	45280250	1090-Lng-A-T	68	chr15:45280150-45280250
chr15	45289150	45289250	1004-Lng-A-T	59	chr15:45289150-45289250
chr15	45317050	45317150	846-Lng-A-T	138	chr15:45317050-45317150
chr15	45363950	45364050	901-Lng-B-T	112	chr15:45363950-45364050
chr15	45370150	45370250	1065-Lng-C-T	272	chr15:45370150-45370250
chr15	45378350	45378450	1065-Lng-A-T	48	chr15:45378350-45378450
chr15	45382350	45382450	1065-Lng-A-T	68	chr15:45382350-45382450
chr15	45490750	45490850	901-Lng-C-T	117	chr15:45490750-45490850
chr15	45494850	45494950	1065-Lng-C-T	126	chr15:45494850-45494950
chr15	45521950	45522050	1065-Lng-C-T	73	chr15:45521950-45522050
chr15	45584950	45585050	901-Lng-C-T	94	chr15:45584950-45585050
chr15	45585850	45585950	1223-Lng-B-T	53	chr15:45585850-45585950
chr15	45617850	45617950	1065-Lng-A-T	61	chr15:45617850-45617950
chr15	45631450	45631550	901-Lng-B-T	93	chr15:45631450-45631550
chr15	45662850	45662950	1223-Lng-A-T	83	chr15:45662850-45662950
chr15	45673150	45673250	1065-Lng-C-T	77	chr15:45673150-45673250
chr15	45729550	45729650	1065-Lng-B-T	42	chr15:45729550-45729650
chr15	45733350	45733450	1065-Lng-B-T	414	chr15:45733350-45733450
chr15	45735550	45735650	901-Lng-C-T	85	chr15:45735550-45735650
chr15	45779850	45779950	1100-Lng-A-T	80	chr15:45779850-45779950
chr15	45801650	45801750	1090-Lng-A-T	95	chr15:45801650-45801750

Table S2: SB Insertion regions

chr15	45813550	45813650	1065-Lng-C-T	61	chr15:45813550-45813650
chr15	45849850	45849950	1065-Lng-C-T	66	chr15:45849850-45849950
chr15	45854950	45855050	1065-Lng-C-T	138	chr15:45854950-45855050
chr15	45882850	45882950	901-Lng-B-T	41	chr15:45882850-45882950
chr15	45930550	45930650	1065-Lng-A-T	62	chr15:45930550-45930650
chr15	45962350	45962450	1065-Lng-A-T	273	chr15:45962350-45962450
chr15	45993550	45993650	901-Lng-C-T	45	chr15:45993550-45993650
chr15	45995950	45996050	1072-Lng-A-T	97	chr15:45995950-45996050
chr15	46008750	46008850	1072-Lng-A-T	434	chr15:46008750-46008850
chr15	46014150	46014250	1072-Lng-A-T	188	chr15:46014150-46014250
chr15	46020250	46020350	1065-Lng-C-T	85	chr15:46020250-46020350
chr15	46063350	46063450	901-Lng-A-T	507	chr15:46063350-46063450
chr15	46075150	46075250	1090-Lng-A-T	74	chr15:46075150-46075250
chr15	46115750	46115850	1065-Lng-A-T	98	chr15:46115750-46115850
chr15	46117750	46117850	1072-Lng-A-T	200	chr15:46117750-46117850
chr15	46160650	46160750	1004-Lng-A-T	98	chr15:46160650-46160750
chr15	46183050	46183150	1065-Lng-A-T	75	chr15:46183050-46183150
chr15	46229450	46229550	901-Lng-B-T	185	chr15:46229450-46229550
chr15	46255950	46256050	1065-Lng-B-T	42	chr15:46255950-46256050
chr15	46261450	46261550	901-Lng-D-T	224	chr15:46261450-46261550
chr15	46265450	46265550	1065-Lng-C-T	77	chr15:46265450-46265550
chr15	46287250	46287350	1065-Lng-C-T	62	chr15:46287250-46287350
chr15	46287950	46288050	1065-Lng-B-T	54	chr15:46287950-46288050
chr15	46302750	46302850	901-Lng-C-T	89	chr15:46302750-46302850
chr15	46307950	46308050	901-Lng-C-T	389	chr15:46307950-46308050
chr15	46309450	46309550	901-Lng-C-T	77	chr15:46309450-46309550
chr15	46343350	46343450	1065-Lng-C-T	71	chr15:46343350-46343450
chr15	46343550	46343650	1072-Lng-A-T	49	chr15:46343550-46343650
chr15	46344550	46344650	846-Lng-A-T	79	chr15:46344550-46344650
chr15	46345850	46345950	1090-Lng-A-T	78	chr15:46345850-46345950
chr15	46389650	46389750	901-Lng-A-T	68	chr15:46389650-46389750
chr15	46403450	46403550	901-Lng-A-T	51	chr15:46403450-46403550
chr15	46440950	46441050	1065-Lng-A-T	577	chr15:46440950-46441050
chr15	46444950	46445050	1100-Lng-A-T	52	chr15:46444950-46445050
chr15	46449150	46449250	1072-Lng-A-T	48	chr15:46449150-46449250
chr15	46490350	46490450	1223-Lng-B-T	179	chr15:46490350-46490450
chr15	46505850	46505950	1065-Lng-A-T	120	chr15:46505850-46505950
chr15	46576450	46576550	1065-Lng-A-T	36	chr15:46576450-46576550
chr15	46576550	46576650	901-Lng-A-T	374	chr15:46576550-46576650
chr15	46594950	46595050	901-Lng-C-T	64	chr15:46594950-46595050
chr15	46603950	46604050	1072-Lng-A-T	58	chr15:46603950-46604050
chr15	46644950	46645050	1090-Lng-A-T	85	chr15:46644950-46645050
chr15	46681550	46681650	1065-Lng-A-T	60	chr15:46681550-46681650
chr15	46688550	46688650	1065-Lng-C-T	76	chr15:46688550-46688650
chr15	46689850	46689950	1223-Lng-B-T	50	chr15:46689850-46689950
chr15	46740550	46740650	1090-Lng-A-T	1038	chr15:46740550-46740650

Table S2: SB Insertion regions

chr15	46748550	46748650	1100-Lng-A-T	111	chr15:46748550-46748650
chr15	46784550	46784650	1065-Lng-B-T	95	chr15:46784550-46784650
chr15	46787650	46787750	1004-Lng-A-T	103	chr15:46787650-46787750
chr15	46806150	46806250	1065-Lng-C-T	87	chr15:46806150-46806250
chr15	46820850	46820950	1004-Lng-A-T	50	chr15:46820850-46820950
chr15	46820950	46821050	1065-Lng-B-T	42	chr15:46820950-46821050
chr15	46826250	46826350	1072-Lng-A-T	134	chr15:46826250-46826350
chr15	46844350	46844450	901-Lng-C-T	39	chr15:46844350-46844450
chr15	46844350	46844450	901-Lng-C-T	70	chr15:46844350-46844450
chr15	46880850	46880950	1090-Lng-B-T	435	chr15:46880850-46880950
chr15	46895650	46895750	1223-Lng-A-T	1110	chr15:46895650-46895750
chr15	46966050	46966150	901-Lng-D-T	160	chr15:46966050-46966150
chr15	46980450	46980550	1065-Lng-A-T	62	chr15:46980450-46980550
chr15	46997050	46997150	1090-Lng-B-T	112	chr15:46997050-46997150
chr15	47001550	47001650	1065-Lng-C-T	81	chr15:47001550-47001650
chr15	47034650	47034750	1100-Lng-A-T	181	chr15:47034650-47034750
chr15	47044350	47044450	1090-Lng-A-T	72	chr15:47044350-47044450
chr15	47071650	47071750	1004-Lng-A-T	110	chr15:47071650-47071750
chr15	47080850	47080950	846-Lng-A-T	217	chr15:47080850-47080950
chr15	47107050	47107150	1065-Lng-C-T	62	chr15:47107050-47107150
chr15	47151750	47151850	1065-Lng-A-T	39	chr15:47151750-47151850
chr15	47214150	47214250	846-Lng-A-T	1136	chr15:47214150-47214250
chr15	47230250	47230350	1065-Lng-A-T	78	chr15:47230250-47230350
chr15	47231050	47231150	1090-Lng-A-T	47	chr15:47231050-47231150
chr15	47234750	47234850	1072-Lng-A-T	245	chr15:47234750-47234850
chr15	47244450	47244550	1065-Lng-B-T	52	chr15:47244450-47244550
chr15	47255250	47255350	1072-Lng-A-T	182	chr15:47255250-47255350
chr15	47295550	47295650	846-Lng-A-T	820	chr15:47295550-47295650
chr15	47297050	47297150	901-Lng-A-T	91	chr15:47297050-47297150
chr15	47302550	47302650	1065-Lng-B-T	71	chr15:47302550-47302650
chr15	47307850	47307950	901-Lng-C-T	39	chr15:47307850-47307950
chr15	47317450	47317550	901-Lng-B-T	188	chr15:47317450-47317550
chr15	47332150	47332250	846-Lng-A-T	172	chr15:47332150-47332250
chr15	47351250	47351350	1072-Lng-A-T	118	chr15:47351250-47351350
chr15	47358350	47358450	1152-Lng-A-T	73	chr15:47358350-47358450
chr15	47366550	47366650	1072-Lng-A-T	268	chr15:47366550-47366650
chr15	47461450	47461550	846-Lng-A-T	126	chr15:47461450-47461550
chr15	47510650	47510750	901-Lng-C-T	162	chr15:47510650-47510750
chr15	47533550	47533650	1065-Lng-B-T	47	chr15:47533550-47533650
chr15	47554750	47554850	846-Lng-A-T	121	chr15:47554750-47554850
chr15	47560350	47560450	1072-Lng-A-T	111	chr15:47560350-47560450
chr15	47560750	47560850	1065-Lng-B-T	44	chr15:47560750-47560850
chr15	47562350	47562450	1072-Lng-A-T	57	chr15:47562350-47562450
chr15	47566650	47566750	846-Lng-A-T	62	chr15:47566650-47566750
chr15	47578550	47578650	846-Lng-A-T	80	chr15:47578550-47578650
chr15	47596150	47596250	901-Lng-A-T	140	chr15:47596150-47596250

Table S2: SB Insertion regions

chr15	47599050	47599150	1065-Lng-B-T	53	chr15:47599050-47599150
chr15	47604050	47604150	1152-Lng-A-T	85	chr15:47604050-47604150
chr15	47615750	47615850	1065-Lng-A-T	162	chr15:47615750-47615850
chr15	47616650	47616750	1065-Lng-A-T	99	chr15:47616650-47616750
chr15	47641550	47641650	901-Lng-A-T	127	chr15:47641550-47641650
chr15	47642050	47642150	1223-Lng-B-T	79	chr15:47642050-47642150
chr15	47669050	47669150	1090-Lng-A-T	45	chr15:47669050-47669150
chr15	47679250	47679350	1274-Lng-A-T	56	chr15:47679250-47679350
chr15	47682950	47683050	1090-Lng-B-T	92	chr15:47682950-47683050
chr15	47709550	47709650	1065-Lng-A-T	51	chr15:47709550-47709650
chr15	47727950	47728050	1152-Lng-A-T	53	chr15:47727950-47728050
chr15	47755750	47755850	1065-Lng-A-T	78	chr15:47755750-47755850
chr15	47807550	47807650	1004-Lng-A-T	73	chr15:47807550-47807650
chr15	47816950	47817050	1065-Lng-B-T	45	chr15:47816950-47817050
chr15	47817550	47817650	1072-Lng-A-T	55	chr15:47817550-47817650
chr15	47817950	47818050	1065-Lng-C-T	73	chr15:47817950-47818050
chr15	47835350	47835450	1065-Lng-A-T	126	chr15:47835350-47835450
chr15	47836850	47836950	1072-Lng-A-T	78	chr15:47836850-47836950
chr15	47856150	47856250	1065-Lng-B-T	47	chr15:47856150-47856250
chr15	47872550	47872650	1065-Lng-B-T	65	chr15:47872550-47872650
chr15	47884050	47884150	1065-Lng-B-T	56	chr15:47884050-47884150
chr15	47893950	47894050	1090-Lng-B-T	522	chr15:47893950-47894050
chr15	47902950	47903050	1004-Lng-A-T	73	chr15:47902950-47903050
chr15	47921950	47922050	1065-Lng-B-T	78	chr15:47921950-47922050
chr15	47925450	47925550	1065-Lng-C-T	78	chr15:47925450-47925550
chr15	47930450	47930550	901-Lng-A-T	121	chr15:47930450-47930550
chr15	47950250	47950350	1223-Lng-A-T	177	chr15:47950250-47950350
chr15	47995950	47996050	1090-Lng-A-T	106	chr15:47995950-47996050
chr15	48003250	48003350	1065-Lng-B-T	48	chr15:48003250-48003350
chr15	48062550	48062650	846-Lng-A-T	44	chr15:48062550-48062650
chr15	48068250	48068350	901-Lng-C-T	74	chr15:48068250-48068350
chr15	48121550	48121650	1004-Lng-A-T	56	chr15:48121550-48121650
chr15	48123050	48123150	1065-Lng-B-T	55	chr15:48123050-48123150
chr15	48218350	48218450	901-Lng-D-T	590	chr15:48218350-48218450
chr15	48263950	48264050	1065-Lng-B-T	58	chr15:48263950-48264050
chr15	48270550	48270650	1065-Lng-B-T	57	chr15:48270550-48270650
chr15	48280650	48280750	1065-Lng-C-T	95	chr15:48280650-48280750
chr15	48294350	48294450	1100-Lng-A-T	92	chr15:48294350-48294450
chr15	48294950	48295050	1065-Lng-C-T	119	chr15:48294950-48295050
chr15	48308050	48308150	1065-Lng-A-T	104	chr15:48308050-48308150
chr15	48308450	48308550	1152-Lng-A-T	99	chr15:48308450-48308550
chr15	48318750	48318850	901-Lng-A-T	52	chr15:48318750-48318850
chr15	48327750	48327850	901-Lng-B-T	106	chr15:48327750-48327850
chr15	48409750	48409850	1223-Lng-A-T	81	chr15:48409750-48409850
chr15	48431850	48431950	901-Lng-A-T	55	chr15:48431850-48431950
chr15	48457550	48457650	1065-Lng-C-T	72	chr15:48457550-48457650

Table S2: SB Insertion regions

chr15	48458250	48458350	1065-Lng-C-T	63	chr15:48458250-48458350
chr15	48509250	48509350	846-Lng-A-T	61	chr15:48509250-48509350
chr15	48555650	48555750	901-Lng-D-T	140	chr15:48555650-48555750
chr15	48557850	48557950	1152-Lng-A-T	39	chr15:48557850-48557950
chr15	48561850	48561950	1167-Lng-A-T	48	chr15:48561850-48561950
chr15	48581950	48582050	1065-Lng-C-T	1971	chr15:48581950-48582050
chr15	48582550	48582650	1065-Lng-A-T	187	chr15:48582550-48582650
chr15	48591650	48591750	901-Lng-B-T	147	chr15:48591650-48591750
chr15	48602250	48602350	901-Lng-A-T	97	chr15:48602250-48602350
chr15	48605250	48605350	1152-Lng-A-T	38	chr15:48605250-48605350
chr15	48609050	48609150	1065-Lng-B-T	39	chr15:48609050-48609150
chr15	48635150	48635250	1065-Lng-B-T	51	chr15:48635150-48635250
chr15	48657250	48657350	1090-Lng-A-T	1171	chr15:48657250-48657350
chr15	48664850	48664950	1167-Lng-A-T	73	chr15:48664850-48664950
chr15	48795650	48795750	1065-Lng-B-T	47	chr15:48795650-48795750
chr15	48796150	48796250	1090-Lng-A-T	53	chr15:48796150-48796250
chr15	48837850	48837950	1152-Lng-A-T	79	chr15:48837850-48837950
chr15	48838750	48838850	1167-Lng-A-T	73	chr15:48838750-48838850
chr15	48870450	48870550	1065-Lng-C-T	554	chr15:48870450-48870550
chr15	48878450	48878550	1152-Lng-A-T	42	chr15:48878450-48878550
chr15	48909450	48909550	1090-Lng-A-T	51	chr15:48909450-48909550
chr15	48913850	48913950	1065-Lng-A-T	48	chr15:48913850-48913950
chr15	48949250	48949350	1004-Lng-A-T	61	chr15:48949250-48949350
chr15	48954850	48954950	1004-Lng-A-T	976	chr15:48954850-48954950
chr15	48960450	48960550	846-Lng-A-T	275	chr15:48960450-48960550
chr15	48965150	48965250	1072-Lng-A-T	69	chr15:48965150-48965250
chr15	48969650	48969750	1065-Lng-B-T	53	chr15:48969650-48969750
chr15	48971450	48971550	1072-Lng-A-T	55	chr15:48971450-48971550
chr15	49013250	49013350	1065-Lng-C-T	85	chr15:49013250-49013350
chr15	49037350	49037450	1100-Lng-A-T	53	chr15:49037350-49037450
chr15	49095550	49095650	1004-Lng-A-T	101	chr15:49095550-49095650
chr15	49102750	49102850	1090-Lng-A-T	55	chr15:49102750-49102850
chr15	49109150	49109250	901-Lng-D-T	115	chr15:49109150-49109250
chr15	49113150	49113250	1065-Lng-A-T	82	chr15:49113150-49113250
chr15	49166850	49166950	1090-Lng-A-T	49	chr15:49166850-49166950
chr15	49211450	49211550	901-Lng-C-T	43	chr15:49211450-49211550
chr15	49219550	49219650	1090-Lng-A-T	52	chr15:49219550-49219650
chr15	49222550	49222650	846-Lng-A-T	164	chr15:49222550-49222650
chr15	49256050	49256150	1223-Lng-A-T	145	chr15:49256050-49256150
chr15	49256950	49257050	1151-Lng-A-T	354	chr15:49256950-49257050
chr15	49259350	49259450	1072-Lng-A-T	59	chr15:49259350-49259450
chr15	49267950	49268050	1223-Lng-B-T	48	chr15:49267950-49268050
chr15	49274150	49274250	1065-Lng-B-T	43	chr15:49274150-49274250
chr15	49280350	49280450	901-Lng-A-T	478	chr15:49280350-49280450
chr15	49328250	49328350	1065-Lng-C-T	116	chr15:49328250-49328350
chr15	49339950	49340050	1152-Lng-A-T	105	chr15:49339950-49340050

Table S2: SB Insertion regions

chr15	49341650	49341750	901-Lng-B-T	188	chr15:49341650-49341750
chr15	49372550	49372650	1072-Lng-A-T	99	chr15:49372550-49372650
chr15	49382550	49382650	1167-Lng-A-T	167	chr15:49382550-49382650
chr15	49401750	49401850	1065-Lng-A-T	37	chr15:49401750-49401850
chr15	49411750	49411850	1065-Lng-B-T	63	chr15:49411750-49411850
chr15	49413050	49413150	901-Lng-B-T	74	chr15:49413050-49413150
chr15	49468750	49468850	1065-Lng-B-T	97	chr15:49468750-49468850
chr15	49481750	49481850	846-Lng-A-T	163	chr15:49481750-49481850
chr15	49496350	49496450	1065-Lng-A-T	73	chr15:49496350-49496450
chr15	49510750	49510850	1072-Lng-A-T	57	chr15:49510750-49510850
chr15	49512950	49513050	1065-Lng-A-T	98	chr15:49512950-49513050
chr15	49513050	49513150	1072-Lng-A-T	174	chr15:49513050-49513150
chr15	49520250	49520350	901-Lng-A-T	95	chr15:49520250-49520350
chr15	49551650	49551750	901-Lng-A-T	97	chr15:49551650-49551750
chr15	49573450	49573550	901-Lng-A-T	82	chr15:49573450-49573550
chr15	49584450	49584550	1065-Lng-B-T	74	chr15:49584450-49584550
chr15	49586050	49586150	846-Lng-A-T	98	chr15:49586050-49586150
chr15	49600950	49601050	1065-Lng-B-T	84	chr15:49600950-49601050
chr15	49604250	49604350	1072-Lng-A-T	99	chr15:49604250-49604350
chr15	49664050	49664150	1065-Lng-B-T	57	chr15:49664050-49664150
chr15	49668250	49668350	1072-Lng-A-T	88	chr15:49668250-49668350
chr15	49682750	49682850	901-Lng-A-T	67	chr15:49682750-49682850
chr15	49697150	49697250	1072-Lng-A-T	335	chr15:49697150-49697250
chr15	49697550	49697650	1072-Lng-A-T	177	chr15:49697550-49697650
chr15	49731650	49731750	1004-Lng-A-T	97	chr15:49731650-49731750
chr15	49770950	49771050	1065-Lng-B-T	98	chr15:49770950-49771050
chr15	49819350	49819450	1065-Lng-A-T	66	chr15:49819350-49819450
chr15	49843450	49843550	1065-Lng-B-T	53	chr15:49843450-49843550
chr15	49848950	49849050	1065-Lng-B-T	67	chr15:49848950-49849050
chr15	49859950	49860050	1065-Lng-B-T	336	chr15:49859950-49860050
chr15	49886050	49886150	1072-Lng-A-T	110	chr15:49886050-49886150
chr15	49911150	49911250	901-Lng-D-T	276	chr15:49911150-49911250
chr15	49914650	49914750	1072-Lng-A-T	430	chr15:49914650-49914750
chr15	49932550	49932650	901-Lng-C-T	68	chr15:49932550-49932650
chr15	49932550	49932650	1065-Lng-B-T	66	chr15:49932550-49932650
chr15	49937850	49937950	1072-Lng-A-T	162	chr15:49937850-49937950
chr15	49938750	49938850	1065-Lng-C-T	83	chr15:49938750-49938850
chr15	49998150	49998250	1223-Lng-C-T	49	chr15:49998150-49998250
chr15	50022850	50022950	1004-Lng-A-T	63	chr15:50022850-50022950
chr15	50050450	50050550	1065-Lng-C-T	105	chr15:50050450-50050550
chr15	50051250	50051350	1065-Lng-B-T	101	chr15:50051250-50051350
chr15	50055450	50055550	901-Lng-C-T	59	chr15:50055450-50055550
chr15	50060550	50060650	901-Lng-D-T	330	chr15:50060550-50060650
chr15	50089450	50089550	1065-Lng-B-T	48	chr15:50089450-50089550
chr15	50095650	50095750	1065-Lng-C-T	131	chr15:50095650-50095750
chr15	50138250	50138350	1065-Lng-C-T	99	chr15:50138250-50138350

Table S2: SB Insertion regions

chr15	50141550	50141650	1072-Lng-A-T	76	chr15:50141550-50141650
chr15	50214150	50214250	1072-Lng-A-T	64	chr15:50214150-50214250
chr15	50240150	50240250	1065-Lng-A-T	92	chr15:50240150-50240250
chr15	50246450	50246550	1072-Lng-A-T	63	chr15:50246450-50246550
chr15	50276350	50276450	901-Lng-C-T	31	chr15:50276350-50276450
chr15	50372450	50372550	1065-Lng-A-T	51	chr15:50372450-50372550
chr15	50379650	50379750	1065-Lng-C-T	122	chr15:50379650-50379750
chr15	50439850	50439950	1072-Lng-A-T	58	chr15:50439850-50439950
chr15	50487950	50488050	1223-Lng-B-T	57	chr15:50487950-50488050
chr15	50497250	50497350	1090-Lng-A-T	59	chr15:50497250-50497350
chr15	50499850	50499950	901-Lng-A-T	392	chr15:50499850-50499950
chr15	50500050	50500150	1065-Lng-B-T	65	chr15:50500050-50500150
chr15	50505150	50505250	1065-Lng-A-T	130	chr15:50505150-50505250
chr15	50506450	50506550	1167-Lng-A-T	66	chr15:50506450-50506550
chr15	50517550	50517650	1223-Lng-C-T	44	chr15:50517550-50517650
chr15	50518350	50518450	1090-Lng-A-T	1287	chr15:50518350-50518450
chr15	50521150	50521250	901-Lng-B-T	71	chr15:50521150-50521250
chr15	50574950	50575050	1274-Lng-A-T	70	chr15:50574950-50575050
chr15	50577450	50577550	1072-Lng-A-T	72	chr15:50577450-50577550
chr15	50589050	50589150	901-Lng-C-T	31	chr15:50589050-50589150
chr15	50590850	50590950	1065-Lng-C-T	105	chr15:50590850-50590950
chr15	50595750	50595850	901-Lng-C-T	92	chr15:50595750-50595850
chr15	50610450	50610550	901-Lng-D-T	324	chr15:50610450-50610550
chr15	50612850	50612950	1065-Lng-A-T	64	chr15:50612850-50612950
chr15	50615950	50616050	1223-Lng-A-T	83	chr15:50615950-50616050
chr15	50617650	50617750	901-Lng-D-T	83	chr15:50617650-50617750
chr15	50618050	50618150	901-Lng-D-T	177	chr15:50618050-50618150
chr15	50631850	50631950	1274-Lng-A-T	62	chr15:50631850-50631950
chr15	50663650	50663750	846-Lng-A-T	64	chr15:50663650-50663750
chr15	50674650	50674750	1223-Lng-D-T	43	chr15:50674650-50674750
chr15	50707950	50708050	1065-Lng-B-T	76	chr15:50707950-50708050
chr15	50722850	50722950	901-Lng-A-T	77	chr15:50722850-50722950
chr15	50723050	50723150	846-Lng-A-T	92	chr15:50723050-50723150
chr15	50731650	50731750	1223-Lng-B-T	200	chr15:50731650-50731750
chr15	50745650	50745750	1090-Lng-A-T	44	chr15:50745650-50745750
chr15	50762750	50762850	901-Lng-A-T	66	chr15:50762750-50762850
chr15	50776250	50776350	1065-Lng-C-T	105	chr15:50776250-50776350
chr15	50812650	50812750	901-Lng-D-T	510	chr15:50812650-50812750
chr15	50821850	50821950	1065-Lng-A-T	80	chr15:50821850-50821950
chr15	50828450	50828550	1152-Lng-A-T	73	chr15:50828450-50828550
chr15	50830850	50830950	1065-Lng-C-T	69	chr15:50830850-50830950
chr15	50841350	50841450	1223-Lng-A-T	799	chr15:50841350-50841450
chr15	50889150	50889250	1167-Lng-A-T	84	chr15:50889150-50889250
chr15	50936250	50936350	1223-Lng-B-T	105	chr15:50936250-50936350
chr15	50956350	50956450	901-Lng-A-T	147	chr15:50956350-50956450
chr15	50975250	50975350	901-Lng-A-T	56	chr15:50975250-50975350

Table S2: SB Insertion regions

chr15	51018050	51018150	1004-Lng-A-T	52	chr15:51018050-51018150
chr15	51068950	51069050	901-Lng-B-T	153	chr15:51068950-51069050
chr15	51081550	51081650	1090-Lng-A-T	56	chr15:51081550-51081650
chr15	51140350	51140450	1065-Lng-C-T	69	chr15:51140350-51140450
chr15	51148650	51148750	1167-Lng-A-T	72	chr15:51148650-51148750
chr15	51184250	51184350	1090-Lng-A-T	44	chr15:51184250-51184350
chr15	51214250	51214350	901-Lng-B-T	99	chr15:51214250-51214350
chr15	51223350	51223450	846-Lng-A-T	114	chr15:51223350-51223450
chr15	51234550	51234650	901-Lng-A-T	73	chr15:51234550-51234650
chr15	51273850	51273950	1065-Lng-C-T	1218	chr15:51273850-51273950
chr15	51304750	51304850	1072-Lng-A-T	80	chr15:51304750-51304850
chr15	51390150	51390250	1151-Lng-A-T	186	chr15:51390150-51390250
chr15	51413250	51413350	901-Lng-C-T	314	chr15:51413250-51413350
chr15	51414450	51414550	1223-Lng-B-T	36	chr15:51414450-51414550
chr15	51422550	51422650	1072-Lng-A-T	4308	chr15:51422550-51422650
chr15	51469550	51469650	901-Lng-A-T	68	chr15:51469550-51469650
chr15	51509850	51509950	1223-Lng-C-T	121	chr15:51509850-51509950
chr15	51529350	51529450	1223-Lng-A-T	138	chr15:51529350-51529450
chr15	51531950	51532050	1072-Lng-A-T	92	chr15:51531950-51532050
chr15	51560150	51560250	901-Lng-B-T	222	chr15:51560150-51560250
chr15	51576050	51576150	1004-Lng-A-T	68	chr15:51576050-51576150
chr15	51616350	51616450	1090-Lng-A-T	606	chr15:51616350-51616450
chr15	51625750	51625850	1223-Lng-C-T	117	chr15:51625750-51625850
chr15	51631350	51631450	901-Lng-D-T	89	chr15:51631350-51631450
chr15	51631350	51631450	1223-Lng-D-T	150	chr15:51631350-51631450
chr15	51631850	51631950	1090-Lng-B-T	654	chr15:51631850-51631950
chr15	51632350	51632450	1065-Lng-C-T	66	chr15:51632350-51632450
chr15	51638550	51638650	901-Lng-A-T	346	chr15:51638550-51638650
chr15	51638850	51638950	1090-Lng-A-T	70	chr15:51638850-51638950
chr15	51641750	51641850	1100-Lng-A-T	126	chr15:51641750-51641850
chr15	51642950	51643050	1090-Lng-A-T	74	chr15:51642950-51643050
chr15	51643450	51643550	901-Lng-D-T	40	chr15:51643450-51643550
chr15	51645650	51645750	1223-Lng-C-T	98	chr15:51645650-51645750
chr15	51646850	51646950	1223-Lng-C-T	49	chr15:51646850-51646950
chr15	51647250	51647350	1223-Lng-C-T	668	chr15:51647250-51647350
chr15	51667950	51668050	901-Lng-B-T	70	chr15:51667950-51668050
chr15	51682950	51683050	1065-Lng-A-T	97	chr15:51682950-51683050
chr15	51689450	51689550	1065-Lng-A-T	76	chr15:51689450-51689550
chr15	51699850	51699950	1223-Lng-C-T	154	chr15:51699850-51699950
chr15	51713250	51713350	1065-Lng-C-T	66	chr15:51713250-51713350
chr15	51738750	51738850	846-Lng-A-T	158	chr15:51738750-51738850
chr15	51762850	51762950	1004-Lng-A-T	83	chr15:51762850-51762950
chr15	51763250	51763350	901-Lng-C-T	49	chr15:51763250-51763350
chr15	51765250	51765350	1090-Lng-B-T	77	chr15:51765250-51765350
chr15	51796750	51796850	1223-Lng-D-T	80	chr15:51796750-51796850
chr15	51800350	51800450	1065-Lng-C-T	252	chr15:51800350-51800450

Table S2: SB Insertion regions

chr15	51800750	51800850	1223-Lng-C-T	344	chr15:51800750-51800850
chr15	51803350	51803450	1072-Lng-A-T	215	chr15:51803350-51803450
chr15	51803950	51804050	1223-Lng-A-T	150	chr15:51803950-51804050
chr15	51804350	51804450	1072-Lng-A-T	64	chr15:51804350-51804450
chr15	51812850	51812950	1090-Lng-A-T	55	chr15:51812850-51812950
chr15	51812850	51812950	901-Lng-C-T	37	chr15:51812850-51812950
chr15	51812850	51812950	901-Lng-C-T	112	chr15:51812850-51812950
chr15	51813550	51813650	1004-Lng-A-T	95	chr15:51813550-51813650
chr15	51850450	51850550	1065-Lng-B-T	57	chr15:51850450-51850550
chr15	51911550	51911650	901-Lng-D-T	305	chr15:51911550-51911650
chr15	51927050	51927150	1065-Lng-A-T	129	chr15:51927050-51927150
chr15	51986350	51986450	1072-Lng-A-T	55	chr15:51986350-51986450
chr15	52031150	52031250	846-Lng-A-T	252	chr15:52031150-52031250
chr15	52124750	52124850	901-Lng-A-T	63	chr15:52124750-52124850
chr15	52166950	52167050	1072-Lng-A-T	155	chr15:52166950-52167050
chr15	52207150	52207250	1065-Lng-C-T	88	chr15:52207150-52207250
chr15	52214950	52215050	1065-Lng-B-T	354	chr15:52214950-52215050
chr15	52219750	52219850	1065-Lng-B-T	86	chr15:52219750-52219850
chr15	52328250	52328350	901-Lng-A-T	128	chr15:52328250-52328350
chr15	52363850	52363950	1090-Lng-A-T	109	chr15:52363850-52363950
chr15	52423050	52423150	846-Lng-A-T	146	chr15:52423050-52423150
chr15	52437750	52437850	846-Lng-A-T	48	chr15:52437750-52437850
chr15	52529050	52529150	1065-Lng-B-T	48	chr15:52529050-52529150
chr15	52536950	52537050	1223-Lng-A-T	696	chr15:52536950-52537050
chr15	52553950	52554050	901-Lng-B-T	54	chr15:52553950-52554050
chr15	52555850	52555950	1090-Lng-A-T	92	chr15:52555850-52555950
chr15	52629250	52629350	1072-Lng-A-T	69	chr15:52629250-52629350
chr15	52704450	52704550	1072-Lng-A-T	121	chr15:52704450-52704550
chr15	52731450	52731550	901-Lng-A-T	89	chr15:52731450-52731550
chr15	52898950	52899050	1065-Lng-B-T	70	chr15:52898950-52899050
chr15	52921050	52921150	1090-Lng-A-T	114	chr15:52921050-52921150
chr15	52924850	52924950	1065-Lng-B-T	52	chr15:52924850-52924950
chr15	52929950	52930050	1065-Lng-B-T	108	chr15:52929950-52930050
chr15	52931250	52931350	1223-Lng-C-T	75	chr15:52931250-52931350
chr15	52934150	52934250	1223-Lng-C-T	59	chr15:52934150-52934250
chr15	52941750	52941850	1090-Lng-A-T	70	chr15:52941750-52941850
chr15	52948750	52948850	1223-Lng-A-T	309	chr15:52948750-52948850
chr15	52964550	52964650	1223-Lng-C-T	56	chr15:52964550-52964650
chr15	52967750	52967850	901-Lng-A-T	120	chr15:52967750-52967850
chr15	52973850	52973950	1090-Lng-A-T	63	chr15:52973850-52973950
chr15	52977750	52977850	901-Lng-C-T	32	chr15:52977750-52977850
chr15	53015650	53015750	901-Lng-D-T	150	chr15:53015650-53015750
chr15	53016550	53016650	1100-Lng-A-T	81	chr15:53016550-53016650
chr15	53027150	53027250	1223-Lng-C-T	77	chr15:53027150-53027250
chr15	53032350	53032450	1065-Lng-B-T	45	chr15:53032350-53032450
chr15	53037850	53037950	846-Lng-A-T	85	chr15:53037850-53037950

Table S2: SB Insertion regions

chr15	53049750	53049850	901-Lng-A-T	709	chr15:53049750-53049850
chr15	53061250	53061350	1004-Lng-A-T	103	chr15:53061250-53061350
chr15	53107050	53107150	1090-Lng-B-T	375	chr15:53107050-53107150
chr15	53111550	53111650	1065-Lng-B-T	53	chr15:53111550-53111650
chr15	53116350	53116450	901-Lng-C-T	63	chr15:53116350-53116450
chr15	53121350	53121450	1223-Lng-C-T	43	chr15:53121350-53121450
chr15	53142950	53143050	901-Lng-B-T	101	chr15:53142950-53143050
chr15	53145450	53145550	1223-Lng-B-T	37	chr15:53145450-53145550
chr15	53153050	53153150	1065-Lng-B-T	40	chr15:53153050-53153150
chr15	53155650	53155750	1167-Lng-A-T	238	chr15:53155650-53155750
chr15	53156850	53156950	1223-Lng-D-T	41	chr15:53156850-53156950
chr15	53166550	53166650	846-Lng-A-T	71	chr15:53166550-53166650
chr15	53168250	53168350	1152-Lng-A-T	258	chr15:53168250-53168350
chr15	53221650	53221750	901-Lng-B-T	139	chr15:53221650-53221750
chr15	53226050	53226150	901-Lng-C-T	29	chr15:53226050-53226150
chr15	53228150	53228250	1065-Lng-B-T	68	chr15:53228150-53228250
chr15	53319650	53319750	901-Lng-B-T	64	chr15:53319650-53319750
chr15	53348150	53348250	1065-Lng-A-T	63	chr15:53348150-53348250
chr15	53366750	53366850	901-Lng-D-T	581	chr15:53366750-53366850
chr15	53383550	53383650	1004-Lng-A-T	93	chr15:53383550-53383650
chr15	53412650	53412750	846-Lng-A-T	150	chr15:53412650-53412750
chr15	53423050	53423150	1065-Lng-C-T	78	chr15:53423050-53423150
chr15	53427450	53427550	901-Lng-C-T	35	chr15:53427450-53427550
chr15	53441850	53441950	1223-Lng-B-T	56	chr15:53441850-53441950
chr15	53445650	53445750	1065-Lng-B-T	359	chr15:53445650-53445750
chr15	53481750	53481850	1188-Lng-A-T	60	chr15:53481750-53481850
chr15	53508050	53508150	1090-Lng-A-T	105	chr15:53508050-53508150
chr15	53568950	53569050	901-Lng-B-T	236	chr15:53568950-53569050
chr15	53600150	53600250	1065-Lng-C-T	11207	chr15:53600150-53600250
chr15	53600150	53600250	1065-Lng-A-T	109	chr15:53600150-53600250
chr15	53614250	53614350	1065-Lng-C-T	90	chr15:53614250-53614350
chr15	53615250	53615350	1065-Lng-C-T	80	chr15:53615250-53615350
chr15	53620450	53620550	1090-Lng-B-T	1089	chr15:53620450-53620550
chr15	53629850	53629950	1072-Lng-A-T	87	chr15:53629850-53629950
chr15	53674050	53674150	1072-Lng-A-T	210	chr15:53674050-53674150
chr15	53679550	53679650	901-Lng-A-T	86	chr15:53679550-53679650
chr15	53704850	53704950	1065-Lng-B-T	45	chr15:53704850-53704950
chr15	53705050	53705150	1090-Lng-A-T	65	chr15:53705050-53705150
chr15	53716850	53716950	1072-Lng-A-T	72	chr15:53716850-53716950
chr15	53717750	53717850	1274-Lng-A-T	105	chr15:53717750-53717850
chr15	53772150	53772250	1065-Lng-C-T	135	chr15:53772150-53772250
chr15	53802350	53802450	901-Lng-D-T	57	chr15:53802350-53802450
chr15	53861550	53861650	1223-Lng-C-T	45	chr15:53861550-53861650
chr15	53900050	53900150	1072-Lng-A-T	73	chr15:53900050-53900150
chr15	53984950	53985050	1072-Lng-A-T	50	chr15:53984950-53985050
chr15	54070150	54070250	1065-Lng-B-T	43	chr15:54070150-54070250

Table S2: SB Insertion regions

chr15	54088450	54088550	1223-Lng-B-T	54	chr15:54088450-54088550
chr15	54141050	54141150	1065-Lng-B-T	50	chr15:54141050-54141150
chr15	54150150	54150250	1274-Lng-A-T	111	chr15:54150150-54150250
chr15	54177750	54177850	901-Lng-A-T	122	chr15:54177750-54177850
chr15	54178350	54178450	1065-Lng-A-T	95	chr15:54178350-54178450
chr15	54183150	54183250	1090-Lng-B-T	514	chr15:54183150-54183250
chr15	54211250	54211350	1072-Lng-A-T	132	chr15:54211250-54211350
chr15	54217550	54217650	1065-Lng-C-T	68	chr15:54217550-54217650
chr15	54262350	54262450	846-Lng-A-T	124	chr15:54262350-54262450
chr15	54269750	54269850	901-Lng-A-T	65	chr15:54269750-54269850
chr15	54299450	54299550	1065-Lng-C-T	70	chr15:54299450-54299550
chr15	54337950	54338050	1223-Lng-B-T	70	chr15:54337950-54338050
chr15	54342250	54342350	1065-Lng-B-T	94	chr15:54342250-54342350
chr15	54373850	54373950	1065-Lng-A-T	92	chr15:54373850-54373950
chr15	54376150	54376250	846-Lng-A-T	60	chr15:54376150-54376250
chr15	54395450	54395550	846-Lng-A-T	77	chr15:54395450-54395550
chr15	54407150	54407250	1167-Lng-A-T	55	chr15:54407150-54407250
chr15	54408350	54408450	1065-Lng-B-T	339	chr15:54408350-54408450
chr15	54408850	54408950	1072-Lng-A-T	73	chr15:54408850-54408950
chr15	54408950	54409050	1223-Lng-B-T	203	chr15:54408950-54409050
chr15	54408950	54409050	901-Lng-A-T	62	chr15:54408950-54409050
chr15	54415750	54415850	1072-Lng-A-T	115	chr15:54415750-54415850
chr15	54426950	54427050	1223-Lng-C-T	3869	chr15:54426950-54427050
chr15	54433250	54433350	1223-Lng-A-T	387	chr15:54433250-54433350
chr15	54434350	54434450	1223-Lng-D-T	45	chr15:54434350-54434450
chr15	54435750	54435850	1090-Lng-B-T	155	chr15:54435750-54435850
chr15	54435850	54435950	901-Lng-A-T	72	chr15:54435850-54435950
chr15	54436650	54436750	1090-Lng-A-T	62	chr15:54436650-54436750
chr15	54527050	54527150	1004-Lng-A-T	115	chr15:54527050-54527150
chr15	54589350	54589450	901-Lng-A-T	59	chr15:54589350-54589450
chr15	54606150	54606250	846-Lng-A-T	83	chr15:54606150-54606250
chr15	54731850	54731950	1072-Lng-A-T	108	chr15:54731850-54731950
chr15	54783150	54783250	901-Lng-B-T	356	chr15:54783150-54783250
chr15	54840450	54840550	1072-Lng-A-T	50	chr15:54840450-54840550
chr15	54853950	54854050	846-Lng-A-T	117	chr15:54853950-54854050
chr15	54872250	54872350	1065-Lng-A-T	66	chr15:54872250-54872350
chr15	54880750	54880850	901-Lng-A-T	80	chr15:54880750-54880850
chr15	54918250	54918350	901-Lng-C-T	123	chr15:54918250-54918350
chr15	54937650	54937750	901-Lng-C-T	83	chr15:54937650-54937750
chr15	54948250	54948350	1004-Lng-A-T	139	chr15:54948250-54948350
chr15	54955550	54955650	1065-Lng-B-T	56	chr15:54955550-54955650
chr15	54967850	54967950	1152-Lng-A-T	103	chr15:54967850-54967950
chr15	54970150	54970250	1072-Lng-A-T	54	chr15:54970150-54970250
chr15	54970150	54970250	901-Lng-A-T	81	chr15:54970150-54970250
chr15	54978550	54978650	1065-Lng-B-T	3283	chr15:54978550-54978650
chr15	55001950	55002050	1065-Lng-A-T	70	chr15:55001950-55002050

Table S2: SB Insertion regions

chr15	55002450	55002550	1065-Lng-B-T	85	chr15:55002450-55002550
chr15	55007850	55007950	901-Lng-D-T	44	chr15:55007850-55007950
chr15	55019850	55019950	1223-Lng-C-T	276	chr15:55019850-55019950
chr15	55059850	55059950	1223-Lng-B-T	41	chr15:55059850-55059950
chr15	55068250	55068350	1090-Lng-A-T	52	chr15:55068250-55068350
chr15	55127650	55127750	1004-Lng-A-T	116	chr15:55127650-55127750
chr15	55194750	55194850	846-Lng-A-T	87	chr15:55194750-55194850
chr15	55237650	55237750	1004-Lng-A-T	52	chr15:55237650-55237750
chr15	55287750	55287850	1065-Lng-A-T	51	chr15:55287750-55287850
chr15	55296350	55296450	1065-Lng-A-T	40	chr15:55296350-55296450
chr15	55320050	55320150	1065-Lng-B-T	59	chr15:55320050-55320150
chr15	55373550	55373650	1065-Lng-A-T	60	chr15:55373550-55373650
chr15	55391350	55391450	1004-Lng-A-T	49	chr15:55391350-55391450
chr15	55391850	55391950	1065-Lng-B-T	72	chr15:55391850-55391950
chr15	55431750	55431850	1004-Lng-A-T	57	chr15:55431750-55431850
chr15	55475450	55475550	1065-Lng-C-T	90	chr15:55475450-55475550
chr15	55483250	55483350	901-Lng-C-T	64	chr15:55483250-55483350
chr15	55487850	55487950	901-Lng-C-T	30	chr15:55487850-55487950
chr15	55493250	55493350	1065-Lng-C-T	87	chr15:55493250-55493350
chr15	55508150	55508250	1065-Lng-C-T	176	chr15:55508150-55508250
chr15	55519550	55519650	1072-Lng-A-T	130	chr15:55519550-55519650
chr15	55533750	55533850	901-Lng-A-T	63	chr15:55533750-55533850
chr15	55535750	55535850	1072-Lng-A-T	121	chr15:55535750-55535850
chr15	55556650	55556750	1152-Lng-A-T	118	chr15:55556650-55556750
chr15	55558650	55558750	1167-Lng-A-T	241	chr15:55558650-55558750
chr15	55584150	55584250	1065-Lng-B-T	57	chr15:55584150-55584250
chr15	55609050	55609150	1223-Lng-B-T	130	chr15:55609050-55609150
chr15	55610950	55611050	901-Lng-B-T	39	chr15:55610950-55611050
chr15	55617250	55617350	1065-Lng-B-T	61	chr15:55617250-55617350
chr15	55624950	55625050	901-Lng-A-T	138	chr15:55624950-55625050
chr15	55627350	55627450	1004-Lng-A-T	84	chr15:55627350-55627450
chr15	55638850	55638950	901-Lng-A-T	149	chr15:55638850-55638950
chr15	55644450	55644550	1151-Lng-A-T	75	chr15:55644450-55644550
chr15	55653750	55653850	901-Lng-D-T	158	chr15:55653750-55653850
chr15	55657350	55657450	901-Lng-A-T	307	chr15:55657350-55657450
chr15	55672650	55672750	1090-Lng-A-T	45	chr15:55672650-55672750
chr15	55697750	55697850	1065-Lng-A-T	66	chr15:55697750-55697850
chr15	55709350	55709450	1072-Lng-A-T	66	chr15:55709350-55709450
chr15	55726850	55726950	1090-Lng-A-T	75	chr15:55726850-55726950
chr15	55734150	55734250	1065-Lng-A-T	128	chr15:55734150-55734250
chr15	55745550	55745650	901-Lng-C-T	154	chr15:55745550-55745650
chr15	55800750	55800850	1065-Lng-B-T	41	chr15:55800750-55800850
chr15	55828650	55828750	1223-Lng-C-T	67	chr15:55828650-55828750
chr15	55839350	55839450	1065-Lng-A-T	152	chr15:55839350-55839450
chr15	55846550	55846650	1065-Lng-C-T	62	chr15:55846550-55846650
chr15	55875550	55875650	901-Lng-A-T	129	chr15:55875550-55875650

Table S2: SB Insertion regions

chr15	56077350	56077450	1090-Lng-B-T	774	chr15:56077350-56077450
chr15	56118250	56118350	1223-Lng-C-T	56	chr15:56118250-56118350
chr15	56162050	56162150	1223-Lng-C-T	144	chr15:56162050-56162150
chr15	56167050	56167150	1223-Lng-C-T	62	chr15:56167050-56167150
chr15	56219750	56219850	1188-Lng-A-T	48	chr15:56219750-56219850
chr15	56258950	56259050	1065-Lng-C-T	108	chr15:56258950-56259050
chr15	56265150	56265250	901-Lng-D-T	114	chr15:56265150-56265250
chr15	56281050	56281150	1274-Lng-A-T	53	chr15:56281050-56281150
chr15	56307450	56307550	1065-Lng-A-T	64	chr15:56307450-56307550
chr15	56365050	56365150	1090-Lng-A-T	1131	chr15:56365050-56365150
chr15	56391350	56391450	1072-Lng-A-T	264	chr15:56391350-56391450
chr15	56413250	56413350	1090-Lng-A-T	92	chr15:56413250-56413350
chr15	56426350	56426450	1065-Lng-B-T	76	chr15:56426350-56426450
chr15	56453350	56453450	1274-Lng-A-T	54	chr15:56453350-56453450
chr15	56493750	56493850	1004-Lng-A-T	71	chr15:56493750-56493850
chr15	56569750	56569850	1090-Lng-A-T	129	chr15:56569750-56569850
chr15	56570650	56570750	1072-Lng-A-T	56	chr15:56570650-56570750
chr15	56595350	56595450	901-Lng-A-T	137	chr15:56595350-56595450
chr15	56598150	56598250	901-Lng-A-T	424	chr15:56598150-56598250
chr15	56627950	56628050	1072-Lng-A-T	54	chr15:56627950-56628050
chr15	56631650	56631750	1152-Lng-A-T	174	chr15:56631650-56631750
chr15	56663750	56663850	901-Lng-A-T	173	chr15:56663750-56663850
chr15	56670250	56670350	1065-Lng-C-T	68	chr15:56670250-56670350
chr15	56693350	56693450	901-Lng-C-T	37	chr15:56693350-56693450
chr15	56828850	56828950	1100-Lng-A-T	83	chr15:56828850-56828950
chr15	56844150	56844250	1065-Lng-C-T	66	chr15:56844150-56844250
chr15	56864050	56864150	1065-Lng-C-T	78	chr15:56864050-56864150
chr15	56877450	56877550	1090-Lng-A-T	58	chr15:56877450-56877550
chr15	56897550	56897650	901-Lng-B-T	717	chr15:56897550-56897650
chr15	56915950	56916050	1152-Lng-A-T	58	chr15:56915950-56916050
chr15	56934950	56935050	901-Lng-C-T	36	chr15:56934950-56935050
chr15	56960950	56961050	1004-Lng-A-T	77	chr15:56960950-56961050
chr15	57060650	57060750	1223-Lng-A-T	1040	chr15:57060650-57060750
chr15	57063850	57063950	846-Lng-A-T	1847	chr15:57063850-57063950
chr15	57137350	57137450	1223-Lng-C-T	43	chr15:57137350-57137450
chr15	57160450	57160550	1065-Lng-B-T	90	chr15:57160450-57160550
chr15	57230350	57230450	1065-Lng-C-T	98	chr15:57230350-57230450
chr15	57278050	57278150	901-Lng-C-T	65	chr15:57278050-57278150
chr15	57287050	57287150	901-Lng-A-T	68	chr15:57287050-57287150
chr15	57370850	57370950	1065-Lng-B-T	41	chr15:57370850-57370950
chr15	57374850	57374950	1065-Lng-A-T	34	chr15:57374850-57374950
chr15	57396850	57396950	1274-Lng-A-T	61	chr15:57396850-57396950
chr15	57425650	57425750	1072-Lng-A-T	54	chr15:57425650-57425750
chr15	57481450	57481550	1065-Lng-B-T	44	chr15:57481450-57481550
chr15	57561450	57561550	1223-Lng-B-T	101	chr15:57561450-57561550
chr15	57563750	57563850	1167-Lng-A-T	72	chr15:57563750-57563850

Table S2: SB Insertion regions

chr15	57570850	57570950	1004-Lng-A-T	106	chr15:57570850-57570950
chr15	57574850	57574950	1223-Lng-B-T	35	chr15:57574850-57574950
chr15	57594550	57594650	846-Lng-A-T	70	chr15:57594550-57594650
chr15	57605950	57606050	1223-Lng-B-T	99	chr15:57605950-57606050
chr15	57614050	57614150	901-Lng-A-T	73	chr15:57614050-57614150
chr15	57625450	57625550	1167-Lng-A-T	74	chr15:57625450-57625550
chr15	57633850	57633950	1223-Lng-A-T	1193	chr15:57633850-57633950
chr15	57636350	57636450	901-Lng-A-T	101	chr15:57636350-57636450
chr15	57650250	57650350	901-Lng-B-T	111	chr15:57650250-57650350
chr15	57658450	57658550	1223-Lng-A-T	98	chr15:57658450-57658550
chr15	57693250	57693350	1072-Lng-A-T	215	chr15:57693250-57693350
chr15	57719550	57719650	1223-Lng-A-T	155	chr15:57719550-57719650
chr15	57720050	57720150	1223-Lng-B-T	105	chr15:57720050-57720150
chr15	57722650	57722750	1065-Lng-A-T	105	chr15:57722650-57722750
chr15	57782150	57782250	901-Lng-C-T	327	chr15:57782150-57782250
chr15	57783550	57783650	901-Lng-C-T	35	chr15:57783550-57783650
chr15	57858850	57858950	1065-Lng-A-T	128	chr15:57858850-57858950
chr15	57890650	57890750	1090-Lng-A-T	65	chr15:57890650-57890750
chr15	57894050	57894150	1065-Lng-B-T	104	chr15:57894050-57894150
chr15	57898050	57898150	1223-Lng-B-T	139	chr15:57898050-57898150
chr15	57905150	57905250	1065-Lng-A-T	46	chr15:57905150-57905250
chr15	57910950	57911050	1223-Lng-C-T	866	chr15:57910950-57911050
chr15	57944150	57944250	1065-Lng-C-T	123	chr15:57944150-57944250
chr15	57950950	57951050	1223-Lng-A-T	52	chr15:57950950-57951050
chr15	57969650	57969750	1072-Lng-A-T	101	chr15:57969650-57969750
chr15	57976250	57976350	1223-Lng-A-T	438	chr15:57976250-57976350
chr15	57980050	57980150	1065-Lng-C-T	3070	chr15:57980050-57980150
chr15	58039650	58039750	1065-Lng-B-T	128	chr15:58039650-58039750
chr15	58040250	58040350	1072-Lng-A-T	52	chr15:58040250-58040350
chr15	58071750	58071850	1223-Lng-B-T	277	chr15:58071750-58071850
chr15	58082950	58083050	1090-Lng-A-T	58	chr15:58082950-58083050
chr15	58138450	58138550	1065-Lng-A-T	508	chr15:58138450-58138550
chr15	58153450	58153550	1090-Lng-A-T	56	chr15:58153450-58153550
chr15	58173650	58173750	1065-Lng-C-T	77	chr15:58173650-58173750
chr15	58203550	58203650	1065-Lng-A-T	1063	chr15:58203550-58203650
chr15	58206550	58206650	1065-Lng-B-T	63	chr15:58206550-58206650
chr15	58228250	58228350	846-Lng-A-T	59	chr15:58228250-58228350
chr15	58241150	58241250	901-Lng-B-T	144	chr15:58241150-58241250
chr15	58248250	58248350	901-Lng-B-T	44	chr15:58248250-58248350
chr15	58250450	58250550	1223-Lng-C-T	43	chr15:58250450-58250550
chr15	58250850	58250950	1065-Lng-C-T	424	chr15:58250850-58250950
chr15	58254750	58254850	1223-Lng-D-T	97	chr15:58254750-58254850
chr15	58257350	58257450	846-Lng-A-T	138	chr15:58257350-58257450
chr15	58265350	58265450	1065-Lng-A-T	68	chr15:58265350-58265450
chr15	58275350	58275450	901-Lng-B-T	55	chr15:58275350-58275450
chr15	58284650	58284750	1065-Lng-A-T	62	chr15:58284650-58284750

Table S2: SB Insertion regions

chr15	58289750	58289850	901-Lng-A-T	70	chr15:58289750-58289850
chr15	58309750	58309850	846-Lng-A-T	148	chr15:58309750-58309850
chr15	58386050	58386150	901-Lng-C-T	70	chr15:58386050-58386150
chr15	58386850	58386950	1072-Lng-A-T	95	chr15:58386850-58386950
chr15	58396350	58396450	1065-Lng-A-T	161	chr15:58396350-58396450
chr15	58407350	58407450	901-Lng-B-T	98	chr15:58407350-58407450
chr15	58447650	58447750	1167-Lng-A-T	71	chr15:58447650-58447750
chr15	58516550	58516650	1152-Lng-A-T	100	chr15:58516550-58516650
chr15	58542550	58542650	1274-Lng-A-T	49	chr15:58542550-58542650
chr15	58649750	58649850	901-Lng-D-T	140	chr15:58649750-58649850
chr15	58649850	58649950	1090-Lng-A-T	75	chr15:58649850-58649950
chr15	58718950	58719050	1004-Lng-A-T	89	chr15:58718950-58719050
chr15	58728150	58728250	1151-Lng-A-T	359	chr15:58728150-58728250
chr15	58728250	58728350	1065-Lng-B-T	70	chr15:58728250-58728350
chr15	58729650	58729750	1223-Lng-A-T	53	chr15:58729650-58729750
chr15	58732750	58732850	1090-Lng-A-T	113	chr15:58732750-58732850
chr15	58732950	58733050	1223-Lng-B-T	113	chr15:58732950-58733050
chr15	58757350	58757450	1065-Lng-C-T	115	chr15:58757350-58757450
chr15	58780750	58780850	1274-Lng-A-T	129	chr15:58780750-58780850
chr15	58781250	58781350	1065-Lng-C-T	65	chr15:58781250-58781350
chr15	58787650	58787750	1065-Lng-C-T	67	chr15:58787650-58787750
chr15	58821250	58821350	1151-Lng-A-T	116	chr15:58821250-58821350
chr15	58838350	58838450	1223-Lng-B-T	34	chr15:58838350-58838450
chr15	58840450	58840550	901-Lng-C-T	65	chr15:58840450-58840550
chr15	58843650	58843750	901-Lng-A-T	59	chr15:58843650-58843750
chr15	58852450	58852550	1100-Lng-A-T	53	chr15:58852450-58852550
chr15	58868750	58868850	1065-Lng-B-T	44	chr15:58868750-58868850
chr15	58890350	58890450	901-Lng-A-T	88	chr15:58890350-58890450
chr15	58892750	58892850	901-Lng-A-T	62	chr15:58892750-58892850
chr15	58924150	58924250	1167-Lng-A-T	1048	chr15:58924150-58924250
chr15	58927250	58927350	1090-Lng-A-T	57	chr15:58927250-58927350
chr15	58931150	58931250	901-Lng-A-T	66	chr15:58931150-58931250
chr15	58966950	58967050	1065-Lng-B-T	100	chr15:58966950-58967050
chr15	58975050	58975150	1065-Lng-B-T	592	chr15:58975050-58975150
chr15	59148950	59149050	1072-Lng-A-T	54	chr15:59148950-59149050
chr15	59149250	59149350	1004-Lng-A-T	78	chr15:59149250-59149350
chr15	59192150	59192250	1090-Lng-A-T	71	chr15:59192150-59192250
chr15	59209950	59210050	1065-Lng-A-T	43	chr15:59209950-59210050
chr15	59217950	59218050	1072-Lng-A-T	60	chr15:59217950-59218050
chr15	59223950	59224050	1090-Lng-A-T	45	chr15:59223950-59224050
chr15	59247650	59247750	1065-Lng-B-T	44	chr15:59247650-59247750
chr15	59249750	59249850	1090-Lng-A-T	77	chr15:59249750-59249850
chr15	59260450	59260550	1223-Lng-B-T	63	chr15:59260450-59260550
chr15	59268150	59268250	1065-Lng-B-T	47	chr15:59268150-59268250
chr15	59290250	59290350	1167-Lng-A-T	2336	chr15:59290250-59290350
chr15	59290650	59290750	1167-Lng-A-T	902	chr15:59290650-59290750

Table S2: SB Insertion regions

chr15	59292750	59292850	1223-Lng-C-T	48	chr15:59292750-59292850
chr15	59299550	59299650	1090-Lng-A-T	73	chr15:59299550-59299650
chr15	59316250	59316350	901-Lng-B-T	114	chr15:59316250-59316350
chr15	59327650	59327750	1188-Lng-A-T	50	chr15:59327650-59327750
chr15	59331450	59331550	901-Lng-B-T	181	chr15:59331450-59331550
chr15	59343450	59343550	901-Lng-B-T	104	chr15:59343450-59343550
chr15	59360750	59360850	1223-Lng-A-T	90	chr15:59360750-59360850
chr15	59416950	59417050	1167-Lng-A-T	73	chr15:59416950-59417050
chr15	59491050	59491150	1151-Lng-A-T	62	chr15:59491050-59491150
chr15	59566850	59566950	1152-Lng-A-T	290	chr15:59566850-59566950
chr15	59631150	59631250	1072-Lng-A-T	49	chr15:59631150-59631250
chr15	59671150	59671250	1065-Lng-A-T	42	chr15:59671150-59671250
chr15	59690950	59691050	1065-Lng-C-T	84	chr15:59690950-59691050
chr15	59709850	59709950	1167-Lng-A-T	47	chr15:59709850-59709950
chr15	59721650	59721750	901-Lng-C-T	194	chr15:59721650-59721750
chr15	59756150	59756250	1090-Lng-A-T	62	chr15:59756150-59756250
chr15	59791650	59791750	1065-Lng-A-T	106	chr15:59791650-59791750
chr15	59823450	59823550	1065-Lng-B-T	60	chr15:59823450-59823550
chr15	59839050	59839150	1065-Lng-A-T	121	chr15:59839050-59839150
chr15	59991650	59991750	1065-Lng-B-T	60	chr15:59991650-59991750
chr15	60090650	60090750	846-Lng-A-T	144	chr15:60090650-60090750
chr15	60140450	60140550	1065-Lng-B-T	215	chr15:60140450-60140550
chr15	60177150	60177250	1065-Lng-B-T	54	chr15:60177150-60177250
chr15	60191450	60191550	1065-Lng-C-T	93	chr15:60191450-60191550
chr15	60262650	60262750	901-Lng-D-T	361	chr15:60262650-60262750
chr15	60349050	60349150	1065-Lng-C-T	103	chr15:60349050-60349150
chr15	60402350	60402450	1223-Lng-C-T	46	chr15:60402350-60402450
chr15	60421950	60422050	901-Lng-A-T	84	chr15:60421950-60422050
chr15	60432250	60432350	901-Lng-C-T	138	chr15:60432250-60432350
chr15	60446450	60446550	1004-Lng-A-T	99	chr15:60446450-60446550
chr15	60450950	60451050	901-Lng-C-T	129	chr15:60450950-60451050
chr15	60459750	60459850	901-Lng-C-T	116	chr15:60459750-60459850
chr15	60524450	60524550	1223-Lng-C-T	3093	chr15:60524450-60524550
chr15	60553250	60553350	1004-Lng-A-T	51	chr15:60553250-60553350
chr15	60585850	60585950	846-Lng-A-T	42	chr15:60585850-60585950
chr15	60596050	60596150	901-Lng-A-T	292	chr15:60596050-60596150
chr15	60613550	60613650	1167-Lng-A-T	235	chr15:60613550-60613650
chr15	60619250	60619350	1151-Lng-A-T	109	chr15:60619250-60619350
chr15	60622650	60622750	1151-Lng-A-T	291	chr15:60622650-60622750
chr15	60625450	60625550	1167-Lng-A-T	97	chr15:60625450-60625550
chr15	60649350	60649450	901-Lng-D-T	38	chr15:60649350-60649450
chr15	60649450	60649550	1065-Lng-B-T	54	chr15:60649450-60649550
chr15	60685450	60685550	901-Lng-A-T	79	chr15:60685450-60685550
chr15	60689250	60689350	1090-Lng-B-T	690	chr15:60689250-60689350
chr15	60720550	60720650	1065-Lng-A-T	50	chr15:60720550-60720650
chr15	60726850	60726950	901-Lng-B-T	227	chr15:60726850-60726950

Table S2: SB Insertion regions

chr15	60739350	60739450	1167-Lng-A-T	106	chr15:60739350-60739450
chr15	60896150	60896250	1072-Lng-A-T	76	chr15:60896150-60896250
chr15	60931650	60931750	1223-Lng-B-T	155	chr15:60931650-60931750
chr15	60950350	60950450	1090-Lng-A-T	57	chr15:60950350-60950450
chr15	61037950	61038050	1004-Lng-A-T	53	chr15:61037950-61038050
chr15	61211550	61211650	1223-Lng-B-T	58	chr15:61211550-61211650
chr15	61266150	61266250	1065-Lng-A-T	52	chr15:61266150-61266250
chr15	61277550	61277650	901-Lng-D-T	74	chr15:61277550-61277650
chr15	61310550	61310650	901-Lng-C-T	138	chr15:61310550-61310650
chr15	61348550	61348650	901-Lng-D-T	246	chr15:61348550-61348650
chr15	61367350	61367450	1065-Lng-C-T	1272	chr15:61367350-61367450
chr15	61394550	61394650	1090-Lng-B-T	1506	chr15:61394550-61394650
chr15	61446950	61447050	1072-Lng-A-T	55	chr15:61446950-61447050
chr15	61514950	61515050	1065-Lng-B-T	66	chr15:61514950-61515050
chr15	61542550	61542650	1072-Lng-A-T	58	chr15:61542550-61542650
chr15	61546150	61546250	901-Lng-C-T	65	chr15:61546150-61546250
chr15	61715650	61715750	1072-Lng-A-T	396	chr15:61715650-61715750
chr15	61784050	61784150	901-Lng-A-T	252	chr15:61784050-61784150
chr15	61838050	61838150	1004-Lng-A-T	132	chr15:61838050-61838150
chr15	61858750	61858850	1065-Lng-A-T	56	chr15:61858750-61858850
chr15	61892650	61892750	1167-Lng-A-T	58	chr15:61892650-61892750
chr15	61939250	61939350	1065-Lng-A-T	90	chr15:61939250-61939350
chr15	61941450	61941550	1223-Lng-A-T	144	chr15:61941450-61941550
chr15	61962450	61962550	1223-Lng-B-T	334	chr15:61962450-61962550
chr15	61983050	61983150	1090-Lng-A-T	53	chr15:61983050-61983150
chr15	62017950	62018050	1223-Lng-B-T	51	chr15:62017950-62018050
chr15	62026250	62026350	1167-Lng-A-T	140	chr15:62026250-62026350
chr15	62154950	62155050	901-Lng-B-T	121	chr15:62154950-62155050
chr15	62184750	62184850	1223-Lng-D-T	48	chr15:62184750-62184850
chr15	62219850	62219950	901-Lng-A-T	67	chr15:62219850-62219950
chr15	62223450	62223550	1167-Lng-A-T	87	chr15:62223450-62223550
chr15	62236050	62236150	1004-Lng-A-T	210	chr15:62236050-62236150
chr15	62331750	62331850	1072-Lng-A-T	53	chr15:62331750-62331850
chr15	62374250	62374350	1065-Lng-B-T	57	chr15:62374250-62374350
chr15	62403250	62403350	1223-Lng-A-T	195	chr15:62403250-62403350
chr15	62436050	62436150	846-Lng-A-T	74	chr15:62436050-62436150
chr15	62474350	62474450	901-Lng-A-T	60	chr15:62474350-62474450
chr15	62488750	62488850	1090-Lng-A-T	64	chr15:62488750-62488850
chr15	62497750	62497850	1065-Lng-A-T	44	chr15:62497750-62497850
chr15	62542850	62542950	1004-Lng-A-T	75	chr15:62542850-62542950
chr15	62574350	62574450	1167-Lng-A-T	145	chr15:62574350-62574450
chr15	62672050	62672150	1065-Lng-C-T	88	chr15:62672050-62672150
chr15	62746050	62746150	1090-Lng-A-T	114	chr15:62746050-62746150
chr15	62775250	62775350	1072-Lng-A-T	65	chr15:62775250-62775350
chr15	62859750	62859850	1004-Lng-A-T	282	chr15:62859750-62859850
chr15	62899550	62899650	1090-Lng-A-T	57	chr15:62899550-62899650

Table S2: SB Insertion regions

chr15	62899950	62900050	901-Lng-A-T	95	chr15:62899950-62900050
chr15	62933750	62933850	1065-Lng-B-T	40	chr15:62933750-62933850
chr15	62979750	62979850	1065-Lng-B-T	74	chr15:62979750-62979850
chr15	62993350	62993450	1065-Lng-B-T	80	chr15:62993350-62993450
chr15	63017850	63017950	901-Lng-A-T	56	chr15:63017850-63017950
chr15	63021850	63021950	901-Lng-B-T	82	chr15:63021850-63021950
chr15	63062650	63062750	846-Lng-A-T	47	chr15:63062650-63062750
chr15	63113250	63113350	901-Lng-A-T	161	chr15:63113250-63113350
chr15	63170350	63170450	1274-Lng-A-T	67	chr15:63170350-63170450
chr15	63179450	63179550	1090-Lng-A-T	94	chr15:63179450-63179550
chr15	63269850	63269950	1065-Lng-B-T	48	chr15:63269850-63269950
chr15	63276150	63276250	1223-Lng-B-T	38	chr15:63276150-63276250
chr15	63281650	63281750	1065-Lng-C-T	89	chr15:63281650-63281750
chr15	63291750	63291850	1090-Lng-A-T	56	chr15:63291750-63291850
chr15	63493650	63493750	901-Lng-B-T	127	chr15:63493650-63493750
chr15	63524950	63525050	1072-Lng-A-T	97	chr15:63524950-63525050
chr15	63525950	63526050	901-Lng-A-T	327	chr15:63525950-63526050
chr15	63529350	63529450	901-Lng-D-T	111	chr15:63529350-63529450
chr15	63558150	63558250	1223-Lng-D-T	54	chr15:63558150-63558250
chr15	63668050	63668150	1065-Lng-C-T	66	chr15:63668050-63668150
chr15	63759250	63759350	1090-Lng-A-T	89	chr15:63759250-63759350
chr15	63767850	63767950	901-Lng-C-T	114	chr15:63767850-63767950
chr15	63768650	63768750	1065-Lng-A-T	73	chr15:63768650-63768750
chr15	63785950	63786050	1100-Lng-A-T	53	chr15:63785950-63786050
chr15	63790250	63790350	1152-Lng-A-T	175	chr15:63790250-63790350
chr15	63791450	63791550	1065-Lng-A-T	35	chr15:63791450-63791550
chr15	63795650	63795750	1072-Lng-A-T	157	chr15:63795650-63795750
chr15	63795650	63795750	1065-Lng-B-T	52	chr15:63795650-63795750
chr15	63797250	63797350	1072-Lng-A-T	74	chr15:63797250-63797350
chr15	63802850	63802950	1100-Lng-A-T	89	chr15:63802850-63802950
chr15	63806050	63806150	901-Lng-A-T	54	chr15:63806050-63806150
chr15	63806350	63806450	846-Lng-A-T	97	chr15:63806350-63806450
chr15	63818950	63819050	1065-Lng-A-T	76	chr15:63818950-63819050
chr15	63820850	63820950	901-Lng-A-T	69	chr15:63820850-63820950
chr15	63823050	63823150	846-Lng-A-T	65	chr15:63823050-63823150
chr15	63825950	63826050	901-Lng-D-T	269	chr15:63825950-63826050
chr15	63832150	63832250	901-Lng-A-T	62	chr15:63832150-63832250
chr15	63904250	63904350	1167-Lng-A-T	59	chr15:63904250-63904350
chr15	63924450	63924550	1072-Lng-A-T	93	chr15:63924450-63924550
chr15	63965750	63965850	1065-Lng-B-T	142	chr15:63965750-63965850
chr15	63994750	63994850	901-Lng-D-T	317	chr15:63994750-63994850
chr15	64030850	64030950	1090-Lng-A-T	50	chr15:64030850-64030950
chr15	64076250	64076350	1072-Lng-A-T	3623	chr15:64076250-64076350
chr15	64124750	64124850	1072-Lng-A-T	179	chr15:64124750-64124850
chr15	64129350	64129450	1065-Lng-B-T	56	chr15:64129350-64129450
chr15	64157850	64157950	1223-Lng-B-T	37	chr15:64157850-64157950

Table S2: SB Insertion regions

chr15	64239850	64239950	1223-Lng-B-T	36	chr15:64239850-64239950
chr15	64264150	64264250	1065-Lng-C-T	84	chr15:64264150-64264250
chr15	64300450	64300550	901-Lng-A-T	361	chr15:64300450-64300550
chr15	64349150	64349250	1223-Lng-A-T	664	chr15:64349150-64349250
chr15	64418150	64418250	1065-Lng-B-T	69	chr15:64418150-64418250
chr15	64431150	64431250	1065-Lng-C-T	717	chr15:64431150-64431250
chr15	64443250	64443350	1004-Lng-A-T	180	chr15:64443250-64443350
chr15	64483050	64483150	901-Lng-A-T	64	chr15:64483050-64483150
chr15	64489550	64489650	1090-Lng-A-T	70	chr15:64489550-64489650
chr15	64531650	64531750	1072-Lng-A-T	145	chr15:64531650-64531750
chr15	64564150	64564250	901-Lng-B-T	304	chr15:64564150-64564250
chr15	64566150	64566250	901-Lng-C-T	75	chr15:64566150-64566250
chr15	64571850	64571950	1065-Lng-B-T	150	chr15:64571850-64571950
chr15	64669250	64669350	1065-Lng-C-T	480	chr15:64669250-64669350
chr15	64672450	64672550	901-Lng-D-T	592	chr15:64672450-64672550
chr15	64701550	64701650	1223-Lng-B-T	42	chr15:64701550-64701650
chr15	64725750	64725850	1004-Lng-A-T	220	chr15:64725750-64725850
chr15	64802550	64802650	1223-Lng-A-T	79	chr15:64802550-64802650
chr15	64858650	64858750	1072-Lng-A-T	124	chr15:64858650-64858750
chr15	64860550	64860650	1065-Lng-A-T	61	chr15:64860550-64860650
chr15	64904950	64905050	1072-Lng-A-T	72	chr15:64904950-64905050
chr15	64945050	64945150	1065-Lng-A-T	35	chr15:64945050-64945150
chr15	64960050	64960150	1065-Lng-B-T	41	chr15:64960050-64960150
chr15	64970350	64970450	901-Lng-B-T	80	chr15:64970350-64970450
chr15	65060550	65060650	1065-Lng-B-T	51	chr15:65060550-65060650
chr15	65133550	65133650	1072-Lng-A-T	123	chr15:65133550-65133650
chr15	65164550	65164650	1223-Lng-D-T	48	chr15:65164550-65164650
chr15	65173750	65173850	1223-Lng-B-T	234	chr15:65173750-65173850
chr15	65194150	65194250	1152-Lng-A-T	119	chr15:65194150-65194250
chr15	65268250	65268350	1090-Lng-B-T	245	chr15:65268250-65268350
chr15	65305350	65305450	901-Lng-C-T	59	chr15:65305350-65305450
chr15	65311350	65311450	901-Lng-B-T	434	chr15:65311350-65311450
chr15	65360950	65361050	1223-Lng-C-T	52	chr15:65360950-65361050
chr15	65378350	65378450	1090-Lng-A-T	96	chr15:65378350-65378450
chr15	65457750	65457850	901-Lng-A-T	113	chr15:65457750-65457850
chr15	65465150	65465250	1223-Lng-D-T	42	chr15:65465150-65465250
chr15	65544850	65544950	901-Lng-B-T	182	chr15:65544850-65544950
chr15	65559450	65559550	1065-Lng-C-T	974	chr15:65559450-65559550
chr15	65611050	65611150	1004-Lng-A-T	68	chr15:65611050-65611150
chr15	65615350	65615450	846-Lng-A-T	63	chr15:65615350-65615450
chr15	65617850	65617950	1072-Lng-A-T	68	chr15:65617850-65617950
chr15	65628050	65628150	1065-Lng-C-T	66	chr15:65628050-65628150
chr15	65628250	65628350	1072-Lng-A-T	48	chr15:65628250-65628350
chr15	65631150	65631250	1004-Lng-A-T	49	chr15:65631150-65631250
chr15	65636650	65636750	1167-Lng-A-T	88	chr15:65636650-65636750
chr15	65636850	65636950	1072-Lng-A-T	157	chr15:65636850-65636950

Table S2: SB Insertion regions

chr15	65640550	65640650	1223-Lng-A-T	1421	chr15:65640550-65640650
chr15	65645650	65645750	1090-Lng-A-T	66	chr15:65645650-65645750
chr15	65659850	65659950	1223-Lng-A-T	100	chr15:65659850-65659950
chr15	65676650	65676750	846-Lng-A-T	146	chr15:65676650-65676750
chr15	65696250	65696350	1072-Lng-A-T	54	chr15:65696250-65696350
chr15	65728250	65728350	901-Lng-B-T	213	chr15:65728250-65728350
chr15	65760750	65760850	1065-Lng-B-T	42	chr15:65760750-65760850
chr15	65765850	65765950	901-Lng-A-T	494	chr15:65765850-65765950
chr15	65799550	65799650	1065-Lng-C-T	92	chr15:65799550-65799650
chr15	65806050	65806150	1072-Lng-A-T	60	chr15:65806050-65806150
chr15	65832550	65832650	1072-Lng-A-T	76	chr15:65832550-65832650
chr15	65869450	65869550	901-Lng-B-T	122	chr15:65869450-65869550
chr15	65922550	65922650	1065-Lng-B-T	54	chr15:65922550-65922650
chr15	65956550	65956650	1065-Lng-B-T	64	chr15:65956550-65956650
chr15	66057250	66057350	901-Lng-B-T	38	chr15:66057250-66057350
chr15	66062250	66062350	1274-Lng-A-T	52	chr15:66062250-66062350
chr15	66068750	66068850	1274-Lng-A-T	57	chr15:66068750-66068850
chr15	66099750	66099850	1072-Lng-A-T	218	chr15:66099750-66099850
chr15	66106050	66106150	901-Lng-D-T	469	chr15:66106050-66106150
chr15	66174550	66174650	1065-Lng-B-T	87	chr15:66174550-66174650
chr15	66195950	66196050	1065-Lng-A-T	81	chr15:66195950-66196050
chr15	66251950	66252050	1223-Lng-C-T	49	chr15:66251950-66252050
chr15	66265250	66265350	1072-Lng-A-T	67	chr15:66265250-66265350
chr15	66281450	66281550	901-Lng-A-T	152	chr15:66281450-66281550
chr15	66349950	66350050	1167-Lng-A-T	89	chr15:66349950-66350050
chr15	66360450	66360550	1065-Lng-B-T	144	chr15:66360450-66360550
chr15	66373450	66373550	1072-Lng-A-T	85	chr15:66373450-66373550
chr15	66373450	66373550	1167-Lng-A-T	2800	chr15:66373450-66373550
chr15	66391750	66391850	1223-Lng-B-T	239	chr15:66391750-66391850
chr15	66412250	66412350	1223-Lng-B-T	291	chr15:66412250-66412350
chr15	66413050	66413150	1152-Lng-A-T	250	chr15:66413050-66413150
chr15	66413450	66413550	1223-Lng-B-T	37	chr15:66413450-66413550
chr15	66413750	66413850	1152-Lng-A-T	215	chr15:66413750-66413850
chr15	66420950	66421050	846-Lng-A-T	42	chr15:66420950-66421050
chr15	66424350	66424450	1223-Lng-B-T	115	chr15:66424350-66424450
chr15	66424750	66424850	1072-Lng-A-T	164	chr15:66424750-66424850
chr15	66425950	66426050	1065-Lng-A-T	64	chr15:66425950-66426050
chr15	66427150	66427250	1065-Lng-A-T	85	chr15:66427150-66427250
chr15	66435750	66435850	1065-Lng-A-T	41	chr15:66435750-66435850
chr15	66444850	66444950	1090-Lng-A-T	60	chr15:66444850-66444950
chr15	66450950	66451050	901-Lng-B-T	173	chr15:66450950-66451050
chr15	66452750	66452850	1167-Lng-A-T	340	chr15:66452750-66452850
chr15	66453650	66453750	901-Lng-A-T	73	chr15:66453650-66453750
chr15	66457650	66457750	1065-Lng-C-T	211	chr15:66457650-66457750
chr15	66462650	66462750	1223-Lng-A-T	2269	chr15:66462650-66462750
chr15	66463950	66464050	1004-Lng-A-T	53	chr15:66463950-66464050

Table S2: SB Insertion regions

chr15	66464450	66464550	901-Lng-B-T	220	chr15:66464450-66464550
chr15	66466250	66466350	846-Lng-A-T	89	chr15:66466250-66466350
chr15	66466550	66466650	1223-Lng-C-T	151	chr15:66466550-66466650
chr15	66476550	66476650	1065-Lng-B-T	2251	chr15:66476550-66476650
chr15	66476750	66476850	1065-Lng-A-T	51	chr15:66476750-66476850
chr15	66533450	66533550	846-Lng-A-T	209	chr15:66533450-66533550
chr15	66541350	66541450	1065-Lng-A-T	65	chr15:66541350-66541450
chr15	66546050	66546150	1065-Lng-A-T	75	chr15:66546050-66546150
chr15	66546850	66546950	901-Lng-A-T	65	chr15:66546850-66546950
chr15	66552250	66552350	1090-Lng-A-T	63	chr15:66552250-66552350
chr15	66563650	66563750	901-Lng-C-T	176	chr15:66563650-66563750
chr15	66581750	66581850	901-Lng-A-T	53	chr15:66581750-66581850
chr15	66583250	66583350	1223-Lng-C-T	43	chr15:66583250-66583350
chr15	66620050	66620150	901-Lng-C-T	75	chr15:66620050-66620150
chr15	66696350	66696450	1090-Lng-B-T	477	chr15:66696350-66696450
chr15	66786650	66786750	1090-Lng-A-T	96	chr15:66786650-66786750
chr15	66804350	66804450	1223-Lng-B-T	271	chr15:66804350-66804450
chr15	66848750	66848850	1167-Lng-A-T	92	chr15:66848750-66848850
chr15	66853450	66853550	1223-Lng-D-T	46	chr15:66853450-66853550
chr15	66869550	66869650	1004-Lng-A-T	977	chr15:66869550-66869650
chr15	66879550	66879650	1167-Lng-A-T	54	chr15:66879550-66879650
chr15	66893350	66893450	901-Lng-B-T	39	chr15:66893350-66893450
chr15	66900650	66900750	901-Lng-C-T	81	chr15:66900650-66900750
chr15	66901050	66901150	1065-Lng-B-T	66	chr15:66901050-66901150
chr15	66933250	66933350	1065-Lng-C-T	97	chr15:66933250-66933350
chr15	66935350	66935450	901-Lng-B-T	123	chr15:66935350-66935450
chr15	66950750	66950850	901-Lng-B-T	36	chr15:66950750-66950850
chr15	66955650	66955750	1274-Lng-A-T	74	chr15:66955650-66955750
chr15	66969250	66969350	1188-Lng-A-T	36	chr15:66969250-66969350
chr15	66983350	66983450	1151-Lng-A-T	366	chr15:66983350-66983450
chr15	67028750	67028850	1274-Lng-A-T	57	chr15:67028750-67028850
chr15	67058650	67058750	1065-Lng-A-T	96	chr15:67058650-67058750
chr15	67097250	67097350	1065-Lng-A-T	95	chr15:67097250-67097350
chr15	67176950	67177050	1223-Lng-A-T	55	chr15:67176950-67177050
chr15	67190250	67190350	1065-Lng-C-T	94	chr15:67190250-67190350
chr15	67219850	67219950	1152-Lng-A-T	192	chr15:67219850-67219950
chr15	67221750	67221850	1065-Lng-B-T	166	chr15:67221750-67221850
chr15	67247650	67247750	1004-Lng-A-T	75	chr15:67247650-67247750
chr15	67258150	67258250	1065-Lng-B-T	54	chr15:67258150-67258250
chr15	67266050	67266150	1065-Lng-A-T	72	chr15:67266050-67266150
chr15	67273450	67273550	1223-Lng-D-T	510	chr15:67273450-67273550
chr15	67342150	67342250	1072-Lng-A-T	125	chr15:67342150-67342250
chr15	67353850	67353950	1065-Lng-B-T	64	chr15:67353850-67353950
chr15	67388750	67388850	1065-Lng-A-T	63	chr15:67388750-67388850
chr15	67402150	67402250	1004-Lng-A-T	50	chr15:67402150-67402250
chr15	67422250	67422350	901-Lng-B-T	216	chr15:67422250-67422350

Table S2: SB Insertion regions

chr15	67455350	67455450	901-Lng-B-T	215	chr15:67455350-67455450
chr15	67462150	67462250	1072-Lng-A-T	171	chr15:67462150-67462250
chr15	67488750	67488850	1152-Lng-A-T	60	chr15:67488750-67488850
chr15	67628450	67628550	1065-Lng-B-T	72	chr15:67628450-67628550
chr15	67676850	67676950	1065-Lng-B-T	53	chr15:67676850-67676950
chr15	67734650	67734750	1152-Lng-A-T	80	chr15:67734650-67734750
chr15	67756750	67756850	901-Lng-A-T	194	chr15:67756750-67756850
chr15	67760450	67760550	1065-Lng-A-T	60	chr15:67760450-67760550
chr15	67766450	67766550	901-Lng-C-T	35	chr15:67766450-67766550
chr15	67768950	67769050	1167-Lng-A-T	102	chr15:67768950-67769050
chr15	67786550	67786650	1004-Lng-A-T	179	chr15:67786550-67786650
chr15	67924850	67924950	901-Lng-C-T	53	chr15:67924850-67924950
chr15	67940750	67940850	1223-Lng-C-T	628	chr15:67940750-67940850
chr15	67940750	67940850	901-Lng-A-T	164	chr15:67940750-67940850
chr15	67948950	67949050	1100-Lng-A-T	78	chr15:67948950-67949050
chr15	67953050	67953150	901-Lng-B-T	113	chr15:67953050-67953150
chr15	67967350	67967450	1072-Lng-A-T	76	chr15:67967350-67967450
chr15	67981650	67981750	1223-Lng-C-T	243	chr15:67981650-67981750
chr15	67999050	67999150	1065-Lng-B-T	163	chr15:67999050-67999150
chr15	68008350	68008450	1167-Lng-A-T	215	chr15:68008350-68008450
chr15	68046050	68046150	1090-Lng-A-T	97	chr15:68046050-68046150
chr15	68051750	68051850	1065-Lng-A-T	45	chr15:68051750-68051850
chr15	68052250	68052350	901-Lng-A-T	118	chr15:68052250-68052350
chr15	68052750	68052850	1090-Lng-A-T	143	chr15:68052750-68052850
chr15	68074750	68074850	1004-Lng-A-T	59	chr15:68074750-68074850
chr15	68083750	68083850	1090-Lng-A-T	53	chr15:68083750-68083850
chr15	68128450	68128550	1090-Lng-B-T	215	chr15:68128450-68128550
chr15	68134650	68134750	1065-Lng-A-T	113	chr15:68134650-68134750
chr15	68155050	68155150	1090-Lng-B-T	207	chr15:68155050-68155150
chr15	68156750	68156850	1167-Lng-A-T	66	chr15:68156750-68156850
chr15	68158950	68159050	1274-Lng-A-T	160	chr15:68158950-68159050
chr15	68170950	68171050	1065-Lng-B-T	50	chr15:68170950-68171050
chr15	68175550	68175650	1223-Lng-D-T	71	chr15:68175550-68175650
chr15	68180750	68180850	1274-Lng-A-T	62	chr15:68180750-68180850
chr15	68186050	68186150	1090-Lng-A-T	131	chr15:68186050-68186150
chr15	68186450	68186550	1090-Lng-B-T	80	chr15:68186450-68186550
chr15	68192550	68192650	1090-Lng-B-T	390	chr15:68192550-68192650
chr15	68213750	68213850	1223-Lng-C-T	46	chr15:68213750-68213850
chr15	68217750	68217850	1072-Lng-A-T	111	chr15:68217750-68217850
chr15	68224750	68224850	1072-Lng-A-T	48	chr15:68224750-68224850
chr15	68241750	68241850	1065-Lng-C-T	84	chr15:68241750-68241850
chr15	68350250	68350350	1065-Lng-A-T	71	chr15:68350250-68350350
chr15	68352650	68352750	1223-Lng-D-T	53	chr15:68352650-68352750
chr15	68367950	68368050	1090-Lng-A-T	56	chr15:68367950-68368050
chr15	68417850	68417950	1065-Lng-C-T	114	chr15:68417850-68417950
chr15	68432250	68432350	901-Lng-B-T	46	chr15:68432250-68432350

Table S2: SB Insertion regions

chr15	68443550	68443650	901-Lng-C-T	41	chr15:68443550-68443650
chr15	68490350	68490450	901-Lng-A-T	146	chr15:68490350-68490450
chr15	68508050	68508150	1065-Lng-B-T	98	chr15:68508050-68508150
chr15	68562750	68562850	1223-Lng-A-T	312	chr15:68562750-68562850
chr15	68609650	68609750	1072-Lng-A-T	150	chr15:68609650-68609750
chr15	68637350	68637450	1065-Lng-C-T	81	chr15:68637350-68637450
chr15	68659550	68659650	1223-Lng-A-T	2919	chr15:68659550-68659650
chr15	68668050	68668150	901-Lng-C-T	50	chr15:68668050-68668150
chr15	68668350	68668450	1065-Lng-B-T	130	chr15:68668350-68668450
chr15	68700050	68700150	901-Lng-D-T	384	chr15:68700050-68700150
chr15	68760350	68760450	846-Lng-A-T	96	chr15:68760350-68760450
chr15	68769250	68769350	1090-Lng-A-T	123	chr15:68769250-68769350
chr15	68773750	68773850	1223-Lng-B-T	84	chr15:68773750-68773850
chr15	68785350	68785450	1065-Lng-B-T	54	chr15:68785350-68785450
chr15	68848550	68848650	901-Lng-D-T	191	chr15:68848550-68848650
chr15	68858850	68858950	901-Lng-D-T	175	chr15:68858850-68858950
chr15	68962650	68962750	1065-Lng-B-T	76	chr15:68962650-68962750
chr15	69089650	69089750	1004-Lng-A-T	57	chr15:69089650-69089750
chr15	69118350	69118450	1152-Lng-A-T	136	chr15:69118350-69118450
chr15	69132150	69132250	1090-Lng-B-T	781	chr15:69132150-69132250
chr15	69231350	69231450	1004-Lng-A-T	182	chr15:69231350-69231450
chr15	69270750	69270850	901-Lng-A-T	114	chr15:69270750-69270850
chr15	69308350	69308450	1004-Lng-A-T	139	chr15:69308350-69308450
chr15	69311850	69311950	901-Lng-A-T	110	chr15:69311850-69311950
chr15	69378550	69378650	1065-Lng-A-T	48	chr15:69378550-69378650
chr15	69404850	69404950	901-Lng-B-T	58	chr15:69404850-69404950
chr15	69449850	69449950	1065-Lng-B-T	79	chr15:69449850-69449950
chr15	69450950	69451050	846-Lng-A-T	45	chr15:69450950-69451050
chr15	69471550	69471650	901-Lng-C-T	36	chr15:69471550-69471650
chr15	69498450	69498550	846-Lng-A-T	147	chr15:69498450-69498550
chr15	69506550	69506650	1065-Lng-B-T	52	chr15:69506550-69506650
chr15	69530350	69530450	1072-Lng-A-T	55	chr15:69530350-69530450
chr15	69532950	69533050	1065-Lng-B-T	76	chr15:69532950-69533050
chr15	69543650	69543750	901-Lng-D-T	47	chr15:69543650-69543750
chr15	69588450	69588550	1065-Lng-C-T	86	chr15:69588450-69588550
chr15	69588550	69588650	1065-Lng-B-T	94	chr15:69588550-69588650
chr15	69591350	69591450	1090-Lng-A-T	67	chr15:69591350-69591450
chr15	69642250	69642350	1065-Lng-B-T	70	chr15:69642250-69642350
chr15	69642850	69642950	846-Lng-A-T	119	chr15:69642850-69642950
chr15	69671150	69671250	1065-Lng-C-T	80	chr15:69671150-69671250
chr15	69673050	69673150	1072-Lng-A-T	195	chr15:69673050-69673150
chr15	69696050	69696150	1004-Lng-A-T	163	chr15:69696050-69696150
chr15	69698450	69698550	1065-Lng-A-T	1046	chr15:69698450-69698550
chr15	69721150	69721250	901-Lng-B-T	298	chr15:69721150-69721250
chr15	69733650	69733750	1065-Lng-B-T	60	chr15:69733650-69733750
chr15	69754950	69755050	901-Lng-D-T	378	chr15:69754950-69755050

Table S2: SB Insertion regions

chr15	69787350	69787450	1090-Lng-A-T	59	chr15:69787350-69787450
chr15	69789250	69789350	1065-Lng-B-T	44	chr15:69789250-69789350
chr15	69792550	69792650	1065-Lng-A-T	55	chr15:69792550-69792650
chr15	69809650	69809750	846-Lng-A-T	202	chr15:69809650-69809750
chr15	69848250	69848350	901-Lng-B-T	150	chr15:69848250-69848350
chr15	69857650	69857750	901-Lng-D-T	45	chr15:69857650-69857750
chr15	69860450	69860550	901-Lng-C-T	57	chr15:69860450-69860550
chr15	69910850	69910950	1065-Lng-C-T	62	chr15:69910850-69910950
chr15	69971450	69971550	1065-Lng-B-T	42	chr15:69971450-69971550
chr15	69974650	69974750	846-Lng-A-T	122	chr15:69974650-69974750
chr15	69993450	69993550	1223-Lng-D-T	40	chr15:69993450-69993550
chr15	70013550	70013650	1004-Lng-A-T	65	chr15:70013550-70013650
chr15	70018350	70018450	1100-Lng-A-T	120	chr15:70018350-70018450
chr15	70040950	70041050	1065-Lng-C-T	80	chr15:70040950-70041050
chr15	70042650	70042750	1090-Lng-A-T	75	chr15:70042650-70042750
chr15	70047650	70047750	1065-Lng-B-T	51	chr15:70047650-70047750
chr15	70075450	70075550	1152-Lng-A-T	65	chr15:70075450-70075550
chr15	70094850	70094950	1065-Lng-A-T	51	chr15:70094850-70094950
chr15	70138150	70138250	1072-Lng-A-T	69	chr15:70138150-70138250
chr15	70198550	70198650	1004-Lng-A-T	105	chr15:70198550-70198650
chr15	70211650	70211750	1004-Lng-A-T	127	chr15:70211650-70211750
chr15	70309150	70309250	1065-Lng-B-T	49	chr15:70309150-70309250
chr15	70329550	70329650	1065-Lng-A-T	81	chr15:70329550-70329650
chr15	70414350	70414450	1004-Lng-A-T	85	chr15:70414350-70414450
chr15	70445950	70446050	1072-Lng-A-T	55	chr15:70445950-70446050
chr15	70457550	70457650	1151-Lng-A-T	143	chr15:70457550-70457650
chr15	70469250	70469350	901-Lng-C-T	51	chr15:70469250-70469350
chr15	70543050	70543150	1004-Lng-A-T	243	chr15:70543050-70543150
chr15	70543650	70543750	1065-Lng-C-T	63	chr15:70543650-70543750
chr15	70569350	70569450	1072-Lng-A-T	55	chr15:70569350-70569450
chr15	70629750	70629850	1065-Lng-C-T	69	chr15:70629750-70629850
chr15	70665550	70665650	1004-Lng-A-T	575	chr15:70665550-70665650
chr15	70666250	70666350	1065-Lng-B-T	47	chr15:70666250-70666350
chr15	70704050	70704150	1004-Lng-A-T	51	chr15:70704050-70704150
chr15	70716150	70716250	1004-Lng-A-T	113	chr15:70716150-70716250
chr15	70718050	70718150	1004-Lng-A-T	78	chr15:70718050-70718150
chr15	70721350	70721450	1090-Lng-A-T	1187	chr15:70721350-70721450
chr15	70723750	70723850	1004-Lng-A-T	52	chr15:70723750-70723850
chr15	70732350	70732450	1004-Lng-A-T	69	chr15:70732350-70732450
chr15	70739150	70739250	1004-Lng-A-T	94	chr15:70739150-70739250
chr15	70741150	70741250	1065-Lng-A-T	41	chr15:70741150-70741250
chr15	70745150	70745250	1004-Lng-A-T	49	chr15:70745150-70745250
chr15	70766650	70766750	901-Lng-A-T	65	chr15:70766650-70766750
chr15	70777150	70777250	1004-Lng-A-T	615	chr15:70777150-70777250
chr15	70787150	70787250	1065-Lng-B-T	73	chr15:70787150-70787250
chr15	70812550	70812650	1072-Lng-A-T	191	chr15:70812550-70812650

Table S2: SB Insertion regions

chr15	70817250	70817350	1065-Lng-A-T	57	chr15:70817250-70817350
chr15	70882050	70882150	901-Lng-A-T	62	chr15:70882050-70882150
chr15	70981750	70981850	1090-Lng-A-T	81	chr15:70981750-70981850
chr15	70986150	70986250	1065-Lng-C-T	77	chr15:70986150-70986250
chr15	70988650	70988750	1223-Lng-D-T	42	chr15:70988650-70988750
chr15	71047450	71047550	1065-Lng-B-T	46	chr15:71047450-71047550
chr15	71051250	71051350	1065-Lng-A-T	37	chr15:71051250-71051350
chr15	71100150	71100250	1072-Lng-A-T	52	chr15:71100150-71100250
chr15	71142250	71142350	1065-Lng-B-T	53	chr15:71142250-71142350
chr15	71174450	71174550	846-Lng-A-T	62	chr15:71174450-71174550
chr15	71205450	71205550	901-Lng-D-T	309	chr15:71205450-71205550
chr15	71206450	71206550	1072-Lng-A-T	66	chr15:71206450-71206550
chr15	71290250	71290350	1004-Lng-A-T	111	chr15:71290250-71290350
chr15	71325250	71325350	1065-Lng-B-T	54	chr15:71325250-71325350
chr15	71325550	71325650	1223-Lng-A-T	144	chr15:71325550-71325650
chr15	71336950	71337050	1065-Lng-A-T	59	chr15:71336950-71337050
chr15	71344450	71344550	1065-Lng-C-T	93	chr15:71344450-71344550
chr15	71412550	71412650	1065-Lng-B-T	49	chr15:71412550-71412650
chr15	71437050	71437150	1004-Lng-A-T	84	chr15:71437050-71437150
chr15	71458350	71458450	1072-Lng-A-T	60	chr15:71458350-71458450
chr15	71459750	71459850	1065-Lng-B-T	50	chr15:71459750-71459850
chr15	71478750	71478850	901-Lng-B-T	120	chr15:71478750-71478850
chr15	71566550	71566650	846-Lng-A-T	91	chr15:71566550-71566650
chr15	71603950	71604050	1223-Lng-A-T	214	chr15:71603950-71604050
chr15	71636850	71636950	1223-Lng-D-T	150	chr15:71636850-71636950
chr15	71648450	71648550	1223-Lng-A-T	1192	chr15:71648450-71648550
chr15	71702450	71702550	1072-Lng-A-T	115	chr15:71702450-71702550
chr15	71702450	71702550	901-Lng-C-T	117	chr15:71702450-71702550
chr15	71732250	71732350	1274-Lng-A-T	57	chr15:71732250-71732350
chr15	71736450	71736550	846-Lng-A-T	118	chr15:71736450-71736550
chr15	71821350	71821450	1223-Lng-B-T	38	chr15:71821350-71821450
chr15	71904750	71904850	1065-Lng-A-T	243	chr15:71904750-71904850
chr15	71906350	71906450	1223-Lng-B-T	86	chr15:71906350-71906450
chr15	71986150	71986250	1151-Lng-A-T	80	chr15:71986150-71986250
chr15	72063850	72063950	1072-Lng-A-T	137	chr15:72063850-72063950
chr15	72093950	72094050	1004-Lng-A-T	53	chr15:72093950-72094050
chr15	72096050	72096150	1065-Lng-B-T	80	chr15:72096050-72096150
chr15	72139350	72139450	846-Lng-A-T	121	chr15:72139350-72139450
chr15	72368550	72368650	1065-Lng-B-T	74	chr15:72368550-72368650
chr15	72450950	72451050	1167-Lng-A-T	83	chr15:72450950-72451050
chr15	72485650	72485750	1004-Lng-A-T	678	chr15:72485650-72485750
chr15	72498650	72498750	1065-Lng-A-T	74	chr15:72498650-72498750
chr15	72546850	72546950	901-Lng-B-T	93	chr15:72546850-72546950
chr15	72554550	72554650	1167-Lng-A-T	67	chr15:72554550-72554650
chr15	72554750	72554850	1065-Lng-A-T	81	chr15:72554750-72554850
chr15	72558950	72559050	901-Lng-D-T	767	chr15:72558950-72559050

Table S2: SB Insertion regions

chr15	72601950	72602050	1065-Lng-A-T	44	chr15:72601950-72602050
chr15	72616150	72616250	1065-Lng-A-T	75	chr15:72616150-72616250
chr15	72618850	72618950	1004-Lng-A-T	79	chr15:72618850-72618950
chr15	72624950	72625050	901-Lng-A-T	91	chr15:72624950-72625050
chr15	72633850	72633950	1065-Lng-C-T	64	chr15:72633850-72633950
chr15	72635250	72635350	1072-Lng-A-T	63	chr15:72635250-72635350
chr15	72636250	72636350	1100-Lng-A-T	96	chr15:72636250-72636350
chr15	72656050	72656150	846-Lng-A-T	153	chr15:72656050-72656150
chr15	72681050	72681150	1065-Lng-B-T	56	chr15:72681050-72681150
chr15	72684750	72684850	1065-Lng-A-T	48	chr15:72684750-72684850
chr15	72715950	72716050	1004-Lng-A-T	82	chr15:72715950-72716050
chr15	72764050	72764150	901-Lng-C-T	29	chr15:72764050-72764150
chr15	72806350	72806450	846-Lng-A-T	52	chr15:72806350-72806450
chr15	72867750	72867850	1065-Lng-C-T	65	chr15:72867750-72867850
chr15	72874150	72874250	1065-Lng-B-T	64	chr15:72874150-72874250
chr15	72941350	72941450	1004-Lng-A-T	59	chr15:72941350-72941450
chr15	72986250	72986350	1090-Lng-A-T	62	chr15:72986250-72986350
chr15	72986550	72986650	1223-Lng-B-T	35	chr15:72986550-72986650
chr15	72993950	72994050	1152-Lng-A-T	31	chr15:72993950-72994050
chr15	72994050	72994150	1065-Lng-B-T	48	chr15:72994050-72994150
chr15	73017150	73017250	1274-Lng-A-T	156	chr15:73017150-73017250
chr15	73033050	73033150	1274-Lng-A-T	105	chr15:73033050-73033150
chr15	73040550	73040650	1065-Lng-C-T	64	chr15:73040550-73040650
chr15	73049850	73049950	846-Lng-A-T	102	chr15:73049850-73049950
chr15	73108250	73108350	1072-Lng-A-T	50	chr15:73108250-73108350
chr15	73124450	73124550	1065-Lng-B-T	89	chr15:73124450-73124550
chr15	73144750	73144850	1090-Lng-A-T	61	chr15:73144750-73144850
chr15	73150850	73150950	1090-Lng-A-T	76	chr15:73150850-73150950
chr15	73154550	73154650	846-Lng-A-T	111	chr15:73154550-73154650
chr15	73156450	73156550	1274-Lng-A-T	115	chr15:73156450-73156550
chr15	73177350	73177450	901-Lng-C-T	29	chr15:73177350-73177450
chr15	73196650	73196750	901-Lng-A-T	58	chr15:73196650-73196750
chr15	73215350	73215450	1223-Lng-A-T	127	chr15:73215350-73215450
chr15	73218850	73218950	1167-Lng-A-T	190	chr15:73218850-73218950
chr15	73219250	73219350	1223-Lng-A-T	238	chr15:73219250-73219350
chr15	73223050	73223150	1100-Lng-A-T	85	chr15:73223050-73223150
chr15	73224350	73224450	1072-Lng-A-T	60	chr15:73224350-73224450
chr15	73230250	73230350	901-Lng-A-T	139	chr15:73230250-73230350
chr15	73245550	73245650	1090-Lng-B-T	870	chr15:73245550-73245650
chr15	73338250	73338350	1065-Lng-A-T	53	chr15:73338250-73338350
chr15	73343550	73343650	1151-Lng-A-T	307	chr15:73343550-73343650
chr15	73351450	73351550	1274-Lng-A-T	77	chr15:73351450-73351550
chr15	73358450	73358550	901-Lng-A-T	73	chr15:73358450-73358550
chr15	73466850	73466950	901-Lng-C-T	60	chr15:73466850-73466950
chr15	73478650	73478750	1090-Lng-A-T	100	chr15:73478650-73478750
chr15	73516550	73516650	1065-Lng-B-T	120	chr15:73516550-73516650

Table S2: SB Insertion regions

chr15	73650950	73651050	1223-Lng-A-T	58	chr15:73650950-73651050
chr15	73785050	73785150	901-Lng-C-T	61	chr15:73785050-73785150
chr15	73791950	73792050	1065-Lng-C-T	90	chr15:73791950-73792050
chr15	73894950	73895050	1274-Lng-A-T	98	chr15:73894950-73895050
chr15	73964650	73964750	1223-Lng-D-T	41	chr15:73964650-73964750
chr15	74016550	74016650	846-Lng-A-T	156	chr15:74016550-74016650
chr15	74172150	74172250	1223-Lng-A-T	326	chr15:74172150-74172250
chr15	74233350	74233450	1065-Lng-A-T	77	chr15:74233350-74233450
chr15	74291650	74291750	1151-Lng-A-T	66	chr15:74291650-74291750
chr15	74295950	74296050	901-Lng-A-T	52	chr15:74295950-74296050
chr15	74298550	74298650	1072-Lng-A-T	89	chr15:74298550-74298650
chr15	74363050	74363150	1090-Lng-A-T	79	chr15:74363050-74363150
chr15	74580650	74580750	901-Lng-C-T	116	chr15:74580650-74580750
chr15	74596450	74596550	901-Lng-C-T	44	chr15:74596450-74596550
chr15	74617550	74617650	1065-Lng-B-T	81	chr15:74617550-74617650
chr15	74618750	74618850	1188-Lng-A-T	50	chr15:74618750-74618850
chr15	74637650	74637750	1274-Lng-A-T	110	chr15:74637650-74637750
chr15	74676250	74676350	1223-Lng-C-T	56	chr15:74676250-74676350
chr15	74696550	74696650	1090-Lng-A-T	53	chr15:74696550-74696650
chr15	74700550	74700650	1004-Lng-A-T	95	chr15:74700550-74700650
chr15	74751050	74751150	901-Lng-B-T	140	chr15:74751050-74751150
chr15	74877050	74877150	1090-Lng-B-T	463	chr15:74877050-74877150
chr15	74878150	74878250	1090-Lng-A-T	330	chr15:74878150-74878250
chr15	74890850	74890950	1065-Lng-B-T	45	chr15:74890850-74890950
chr15	74929950	74930050	846-Lng-A-T	101	chr15:74929950-74930050
chr15	74961650	74961750	901-Lng-C-T	41	chr15:74961650-74961750
chr15	74992150	74992250	901-Lng-C-T	29	chr15:74992150-74992250
chr15	75068650	75068750	1223-Lng-A-T	155	chr15:75068650-75068750
chr15	75081650	75081750	1072-Lng-A-T	133	chr15:75081650-75081750
chr15	75104850	75104950	1223-Lng-A-T	66	chr15:75104850-75104950
chr15	75121250	75121350	1065-Lng-A-T	48	chr15:75121250-75121350
chr15	75258050	75258150	1223-Lng-B-T	51	chr15:75258050-75258150
chr15	75329950	75330050	901-Lng-A-T	390	chr15:75329950-75330050
chr15	75523950	75524050	1223-Lng-A-T	150	chr15:75523950-75524050
chr15	75610450	75610550	1090-Lng-A-T	76	chr15:75610450-75610550
chr15	75691950	75692050	1188-Lng-A-T	163	chr15:75691950-75692050
chr15	75759050	75759150	1100-Lng-A-T	87	chr15:75759050-75759150
chr15	75858250	75858350	1065-Lng-C-T	1718	chr15:75858250-75858350
chr15	75971350	75971450	901-Lng-A-T	318	chr15:75971350-75971450
chr15	76003950	76004050	1223-Lng-A-T	106	chr15:76003950-76004050
chr15	76051150	76051250	901-Lng-B-T	172	chr15:76051150-76051250
chr15	76172350	76172450	901-Lng-B-T	91	chr15:76172350-76172450
chr15	76255550	76255650	1090-Lng-B-T	209	chr15:76255550-76255650
chr15	76285750	76285850	1152-Lng-A-T	66	chr15:76285750-76285850
chr15	76512450	76512550	1100-Lng-A-T	52	chr15:76512450-76512550
chr15	76576950	76577050	1223-Lng-A-T	54	chr15:76576950-76577050

Table S2: SB Insertion regions

chr15	76585950	76586050	901-Lng-B-T	249	chr15:76585950-76586050
chr15	76591350	76591450	1274-Lng-A-T	77	chr15:76591350-76591450
chr15	76768350	76768450	1152-Lng-A-T	170	chr15:76768350-76768450
chr15	76856550	76856650	901-Lng-A-T	55	chr15:76856550-76856650
chr15	76856550	76856650	901-Lng-C-T	63	chr15:76856550-76856650
chr15	76927150	76927250	1100-Lng-A-T	57	chr15:76927150-76927250
chr15	76954350	76954450	1004-Lng-A-T	138	chr15:76954350-76954450
chr15	76961750	76961850	1152-Lng-A-T	80	chr15:76961750-76961850
chr15	76968750	76968850	1100-Lng-A-T	82	chr15:76968750-76968850
chr15	76981650	76981750	1274-Lng-A-T	192	chr15:76981650-76981750
chr15	76987950	76988050	1167-Lng-A-T	71	chr15:76987950-76988050
chr15	77048750	77048850	1223-Lng-A-T	673	chr15:77048750-77048850
chr15	77062550	77062650	1065-Lng-B-T	64	chr15:77062550-77062650
chr15	77066650	77066750	1223-Lng-B-T	39	chr15:77066650-77066750
chr15	77072050	77072150	1065-Lng-C-T	76	chr15:77072050-77072150
chr15	77073950	77074050	1167-Lng-A-T	138	chr15:77073950-77074050
chr15	77075050	77075150	1004-Lng-A-T	96	chr15:77075050-77075150
chr15	77075050	77075150	1090-Lng-A-T	93	chr15:77075050-77075150
chr15	77121350	77121450	1223-Lng-A-T	103	chr15:77121350-77121450
chr15	77125950	77126050	1065-Lng-B-T	51	chr15:77125950-77126050
chr15	77246050	77246150	1090-Lng-A-T	46	chr15:77246050-77246150
chr15	77337950	77338050	1167-Lng-A-T	46	chr15:77337950-77338050
chr15	77530550	77530650	901-Lng-A-T	384	chr15:77530550-77530650
chr15	77603450	77603550	1090-Lng-B-T	607	chr15:77603450-77603550
chr15	77606850	77606950	1152-Lng-A-T	71	chr15:77606850-77606950
chr15	77625050	77625150	1065-Lng-B-T	51	chr15:77625050-77625150
chr15	77688850	77688950	1167-Lng-A-T	97	chr15:77688850-77688950
chr15	77763650	77763750	1065-Lng-B-T	49	chr15:77763650-77763750
chr15	77798450	77798550	1188-Lng-A-T	178	chr15:77798450-77798550
chr15	77852950	77853050	1065-Lng-C-T	87	chr15:77852950-77853050
chr15	77879150	77879250	1065-Lng-C-T	341	chr15:77879150-77879250
chr15	78032250	78032350	1072-Lng-A-T	88	chr15:78032250-78032350
chr15	78159850	78159950	1100-Lng-A-T	99	chr15:78159850-78159950
chr15	78180250	78180350	846-Lng-A-T	138	chr15:78180250-78180350
chr15	78203350	78203450	1274-Lng-A-T	78	chr15:78203350-78203450
chr15	78222750	78222850	1223-Lng-D-T	41	chr15:78222750-78222850
chr15	78231450	78231550	1065-Lng-A-T	101	chr15:78231450-78231550
chr15	78315850	78315950	1223-Lng-A-T	176	chr15:78315850-78315950
chr15	78527450	78527550	1065-Lng-B-T	61	chr15:78527450-78527550
chr15	78636050	78636150	1223-Lng-B-T	46	chr15:78636050-78636150
chr15	78703050	78703150	1223-Lng-A-T	123	chr15:78703050-78703150
chr15	78768750	78768850	1065-Lng-B-T	89	chr15:78768750-78768850
chr15	79123150	79123250	1065-Lng-C-T	79	chr15:79123150-79123250
chr15	79229750	79229850	1065-Lng-B-T	65	chr15:79229750-79229850
chr15	79254550	79254650	1167-Lng-A-T	76	chr15:79254550-79254650
chr15	79271150	79271250	846-Lng-A-T	160	chr15:79271150-79271250

Table S2: SB Insertion regions

chr15	79285550	79285650	1223-Lng-D-T	50	chr15:79285550-79285650
chr15	79365750	79365850	1065-Lng-A-T	82	chr15:79365750-79365850
chr15	79374350	79374450	1188-Lng-A-T	65	chr15:79374350-79374450
chr15	79630650	79630750	1223-Lng-B-T	372	chr15:79630650-79630750
chr15	79738750	79738850	1072-Lng-A-T	58	chr15:79738750-79738850
chr15	79763450	79763550	1090-Lng-A-T	67	chr15:79763450-79763550
chr15	79956750	79956850	1065-Lng-C-T	83	chr15:79956750-79956850
chr15	80019150	80019250	1090-Lng-B-T	76	chr15:80019150-80019250
chr15	80065750	80065850	1065-Lng-C-T	87	chr15:80065750-80065850
chr15	80077850	80077950	1065-Lng-B-T	102	chr15:80077850-80077950
chr15	80084650	80084750	1223-Lng-A-T	1069	chr15:80084650-80084750
chr15	80309750	80309850	1072-Lng-A-T	51	chr15:80309750-80309850
chr15	80491450	80491550	1072-Lng-A-T	50	chr15:80491450-80491550
chr15	80534350	80534450	901-Lng-D-T	75	chr15:80534350-80534450
chr15	80551950	80552050	1090-Lng-A-T	130	chr15:80551950-80552050
chr15	80555450	80555550	1004-Lng-A-T	1037	chr15:80555450-80555550
chr15	80573350	80573450	1223-Lng-A-T	226	chr15:80573350-80573450
chr15	80605850	80605950	1065-Lng-B-T	51	chr15:80605850-80605950
chr15	80614350	80614450	901-Lng-D-T	233	chr15:80614350-80614450
chr15	80617950	80618050	901-Lng-A-T	67	chr15:80617950-80618050
chr15	80634950	80635050	1223-Lng-B-T	43	chr15:80634950-80635050
chr15	80635050	80635150	1065-Lng-A-T	75	chr15:80635050-80635150
chr15	80659450	80659550	1188-Lng-A-T	100	chr15:80659450-80659550
chr15	80681250	80681350	1090-Lng-B-T	319	chr15:80681250-80681350
chr15	80695850	80695950	846-Lng-A-T	494	chr15:80695850-80695950
chr15	80719350	80719450	901-Lng-D-T	145	chr15:80719350-80719450
chr15	80723050	80723150	1223-Lng-A-T	178	chr15:80723050-80723150
chr15	80751150	80751250	1004-Lng-A-T	53	chr15:80751150-80751250
chr15	80770950	80771050	1065-Lng-B-T	42	chr15:80770950-80771050
chr15	80811950	80812050	1004-Lng-A-T	71	chr15:80811950-80812050
chr15	80816450	80816550	1065-Lng-B-T	50	chr15:80816450-80816550
chr15	80818250	80818350	1100-Lng-A-T	64	chr15:80818250-80818350
chr15	80841750	80841850	1167-Lng-A-T	73	chr15:80841750-80841850
chr15	80901050	80901150	901-Lng-C-T	71	chr15:80901050-80901150
chr15	80909450	80909550	1167-Lng-A-T	59	chr15:80909450-80909550
chr15	80928350	80928450	1100-Lng-A-T	89	chr15:80928350-80928450
chr15	80938550	80938650	1152-Lng-A-T	57	chr15:80938550-80938650
chr15	80942150	80942250	1223-Lng-D-T	58	chr15:80942150-80942250
chr15	80960350	80960450	1223-Lng-C-T	71	chr15:80960350-80960450
chr15	80960450	80960550	1223-Lng-C-T	151	chr15:80960450-80960550
chr15	81007250	81007350	1065-Lng-C-T	12353	chr15:81007250-81007350
chr15	81218950	81219050	1223-Lng-C-T	45	chr15:81218950-81219050
chr15	81250250	81250350	1065-Lng-A-T	49	chr15:81250250-81250350
chr15	81252450	81252550	1072-Lng-A-T	134	chr15:81252450-81252550
chr15	81348950	81349050	901-Lng-D-T	1101	chr15:81348950-81349050
chr15	81408450	81408550	901-Lng-B-T	156	chr15:81408450-81408550

Table S2: SB Insertion regions

chr15	81469650	81469750	1223-Lng-B-T	65	chr15:81469650-81469750
chr15	81533550	81533650	901-Lng-A-T	77	chr15:81533550-81533650
chr15	81561650	81561750	1065-Lng-A-T	35	chr15:81561650-81561750
chr15	81574750	81574850	1065-Lng-B-T	48	chr15:81574750-81574850
chr15	81581050	81581150	901-Lng-C-T	60	chr15:81581050-81581150
chr15	81590050	81590150	901-Lng-A-T	85	chr15:81590050-81590150
chr15	81592150	81592250	1072-Lng-A-T	238	chr15:81592150-81592250
chr15	81600050	81600150	901-Lng-B-T	107	chr15:81600050-81600150
chr15	81612750	81612850	901-Lng-A-T	175	chr15:81612750-81612850
chr15	81669850	81669950	1065-Lng-A-T	64	chr15:81669850-81669950
chr15	81708950	81709050	901-Lng-B-T	43	chr15:81708950-81709050
chr15	81786550	81786650	1072-Lng-A-T	108	chr15:81786550-81786650
chr15	81828850	81828950	1223-Lng-A-T	138	chr15:81828850-81828950
chr15	81836950	81837050	1223-Lng-B-T	35	chr15:81836950-81837050
chr15	81867550	81867650	901-Lng-B-T	50	chr15:81867550-81867650
chr15	81951150	81951250	1223-Lng-D-T	115	chr15:81951150-81951250
chr15	81991550	81991650	1072-Lng-A-T	55	chr15:81991550-81991650
chr15	81998950	81999050	1065-Lng-B-T	46	chr15:81998950-81999050
chr15	81999650	81999750	1167-Lng-A-T	82	chr15:81999650-81999750
chr15	82011950	82012050	1274-Lng-A-T	83	chr15:82011950-82012050
chr15	82047950	82048050	901-Lng-B-T	101	chr15:82047950-82048050
chr15	82057050	82057150	846-Lng-A-T	66	chr15:82057050-82057150
chr15	82186550	82186650	1090-Lng-B-T	349	chr15:82186550-82186650
chr15	82214450	82214550	901-Lng-A-T	82	chr15:82214450-82214550
chr15	82232350	82232450	1151-Lng-A-T	65	chr15:82232350-82232450
chr15	82326150	82326250	901-Lng-B-T	43	chr15:82326150-82326250
chr15	82591450	82591550	1223-Lng-B-T	71	chr15:82591450-82591550
chr15	82627050	82627150	1223-Lng-B-T	173	chr15:82627050-82627150
chr15	82656150	82656250	1072-Lng-A-T	49	chr15:82656150-82656250
chr15	82657650	82657750	1090-Lng-B-T	479	chr15:82657650-82657750
chr15	82661950	82662050	1004-Lng-A-T	129	chr15:82661950-82662050
chr15	82719550	82719650	1065-Lng-B-T	104	chr15:82719550-82719650
chr15	82724850	82724950	1065-Lng-B-T	50	chr15:82724850-82724950
chr15	82779650	82779750	846-Lng-A-T	115	chr15:82779650-82779750
chr15	82787450	82787550	1065-Lng-C-T	72	chr15:82787450-82787550
chr15	82842050	82842150	1090-Lng-A-T	49	chr15:82842050-82842150
chr15	82980750	82980850	901-Lng-A-T	139	chr15:82980750-82980850
chr15	82984350	82984450	901-Lng-A-T	93	chr15:82984350-82984450
chr15	83046850	83046950	901-Lng-B-T	96	chr15:83046850-83046950
chr15	83123850	83123950	901-Lng-A-T	136	chr15:83123850-83123950
chr15	83147250	83147350	1065-Lng-A-T	55	chr15:83147250-83147350
chr15	83155750	83155850	1167-Lng-A-T	413	chr15:83155750-83155850
chr15	83173850	83173950	1072-Lng-A-T	111	chr15:83173850-83173950
chr15	83203250	83203350	1065-Lng-A-T	448	chr15:83203250-83203350
chr15	83220150	83220250	846-Lng-A-T	94	chr15:83220150-83220250
chr15	83223450	83223550	1004-Lng-A-T	54	chr15:83223450-83223550

Table S2: SB Insertion regions

chr15	83249250	83249350	1152-Lng-A-T	49	chr15:83249250-83249350
chr15	83251150	83251250	1223-Lng-C-T	50	chr15:83251150-83251250
chr15	83338950	83339050	1072-Lng-A-T	137	chr15:83338950-83339050
chr15	83376350	83376450	901-Lng-A-T	84	chr15:83376350-83376450
chr15	83406350	83406450	1004-Lng-A-T	66	chr15:83406350-83406450
chr15	83432550	83432650	1004-Lng-A-T	110	chr15:83432550-83432650
chr15	83466250	83466350	901-Lng-B-T	103	chr15:83466250-83466350
chr15	83593550	83593650	901-Lng-C-T	79	chr15:83593550-83593650
chr15	83617450	83617550	1151-Lng-A-T	203	chr15:83617450-83617550
chr15	83643750	83643850	1065-Lng-B-T	55	chr15:83643750-83643850
chr15	83705750	83705850	1223-Lng-A-T	122	chr15:83705750-83705850
chr15	83771850	83771950	901-Lng-C-T	39	chr15:83771850-83771950
chr15	83846850	83846950	1167-Lng-A-T	52	chr15:83846850-83846950
chr15	83864950	83865050	846-Lng-A-T	122	chr15:83864950-83865050
chr15	84055550	84055650	1072-Lng-A-T	49	chr15:84055550-84055650
chr15	84140450	84140550	1065-Lng-C-T	62	chr15:84140450-84140550
chr15	84231650	84231750	1065-Lng-B-T	232	chr15:84231650-84231750
chr15	84464350	84464450	901-Lng-D-T	288	chr15:84464350-84464450
chr15	84550850	84550950	1065-Lng-B-T	44	chr15:84550850-84550950
chr15	84599550	84599650	901-Lng-A-T	56	chr15:84599550-84599650
chr15	84639150	84639250	1188-Lng-A-T	195	chr15:84639150-84639250
chr15	84652650	84652750	901-Lng-A-T	62	chr15:84652650-84652750
chr15	84728250	84728350	1167-Lng-A-T	54	chr15:84728250-84728350
chr15	84759650	84759750	901-Lng-A-T	64	chr15:84759650-84759750
chr15	84764750	84764850	1167-Lng-A-T	95	chr15:84764750-84764850
chr15	84799950	84800050	901-Lng-A-T	78	chr15:84799950-84800050
chr15	84922750	84922850	1072-Lng-A-T	99	chr15:84922750-84922850
chr15	84950750	84950850	1065-Lng-A-T	54	chr15:84950750-84950850
chr15	84955150	84955250	846-Lng-A-T	115	chr15:84955150-84955250
chr15	84989350	84989450	1004-Lng-A-T	165	chr15:84989350-84989450
chr15	85019750	85019850	1223-Lng-C-T	51	chr15:85019750-85019850
chr15	85019950	85020050	846-Lng-A-T	108	chr15:85019950-85020050
chr15	85019950	85020050	1223-Lng-C-T	62	chr15:85019950-85020050
chr15	85019950	85020050	1065-Lng-C-T	109	chr15:85019950-85020050
chr15	85079850	85079950	1065-Lng-C-T	100	chr15:85079850-85079950
chr15	85149250	85149350	846-Lng-A-T	310	chr15:85149250-85149350
chr15	85171350	85171450	1100-Lng-A-T	137	chr15:85171350-85171450
chr15	85171750	85171850	1167-Lng-A-T	116	chr15:85171750-85171850
chr15	85178450	85178550	1223-Lng-A-T	1147	chr15:85178450-85178550
chr15	85180550	85180650	1065-Lng-A-T	36	chr15:85180550-85180650
chr15	85193850	85193950	901-Lng-D-T	129	chr15:85193850-85193950
chr15	85195150	85195250	1065-Lng-B-T	50	chr15:85195150-85195250
chr15	85207950	85208050	1065-Lng-A-T	56	chr15:85207950-85208050
chr15	85211950	85212050	1100-Lng-A-T	112	chr15:85211950-85212050
chr15	85259050	85259150	1072-Lng-A-T	61	chr15:85259050-85259150
chr15	85260150	85260250	1065-Lng-B-T	69	chr15:85260150-85260250

Table S2: SB Insertion regions

chr15	85278850	85278950	1072-Lng-A-T	139	chr15:85278850-85278950
chr15	85283050	85283150	1090-Lng-B-T	289	chr15:85283050-85283150
chr15	85304550	85304650	1167-Lng-A-T	137	chr15:85304550-85304650
chr15	85318150	85318250	1065-Lng-B-T	57	chr15:85318150-85318250
chr15	85364650	85364750	846-Lng-A-T	75	chr15:85364650-85364750
chr15	85425050	85425150	1090-Lng-A-T	117	chr15:85425050-85425150
chr15	85434350	85434450	901-Lng-C-T	154	chr15:85434350-85434450
chr15	85470550	85470650	1274-Lng-A-T	92	chr15:85470550-85470650
chr15	85592950	85593050	1090-Lng-B-T	1256	chr15:85592950-85593050
chr15	85593550	85593650	901-Lng-B-T	241	chr15:85593550-85593650
chr15	85659350	85659450	846-Lng-A-T	209	chr15:85659350-85659450
chr15	85758150	85758250	1167-Lng-A-T	55	chr15:85758150-85758250
chr15	85774250	85774350	846-Lng-A-T	43	chr15:85774250-85774350
chr15	85854650	85854750	1152-Lng-A-T	55	chr15:85854650-85854750
chr15	85891250	85891350	901-Lng-A-T	64	chr15:85891250-85891350
chr15	85937450	85937550	1065-Lng-C-T	1031	chr15:85937450-85937550
chr15	86010450	86010550	1223-Lng-A-T	70	chr15:86010450-86010550
chr15	86052850	86052950	1065-Lng-B-T	40	chr15:86052850-86052950
chr15	86061750	86061850	901-Lng-A-T	269	chr15:86061750-86061850
chr15	86104550	86104650	1065-Lng-B-T	83	chr15:86104550-86104650
chr15	86161150	86161250	901-Lng-B-T	139	chr15:86161150-86161250
chr15	86237050	86237150	901-Lng-C-T	47	chr15:86237050-86237150
chr15	86242050	86242150	1072-Lng-A-T	266	chr15:86242050-86242150
chr15	86256050	86256150	1167-Lng-A-T	129	chr15:86256050-86256150
chr15	86256550	86256650	846-Lng-A-T	273	chr15:86256550-86256650
chr15	86285350	86285450	1072-Lng-A-T	136	chr15:86285350-86285450
chr15	86305850	86305950	1065-Lng-A-T	48	chr15:86305850-86305950
chr15	86330450	86330550	901-Lng-C-T	108	chr15:86330450-86330550
chr15	86595750	86595850	1090-Lng-A-T	73	chr15:86595750-86595850
chr15	86661450	86661550	1223-Lng-B-T	50	chr15:86661450-86661550
chr15	86714350	86714450	901-Lng-C-T	70	chr15:86714350-86714450
chr15	86776350	86776450	1072-Lng-A-T	77	chr15:86776350-86776450
chr15	86813750	86813850	1065-Lng-A-T	106	chr15:86813750-86813850
chr15	86922250	86922350	901-Lng-A-T	149	chr15:86922250-86922350
chr15	86925050	86925150	1223-Lng-B-T	39	chr15:86925050-86925150
chr15	86936850	86936950	1065-Lng-B-T	69	chr15:86936850-86936950
chr15	86954550	86954650	1072-Lng-A-T	118	chr15:86954550-86954650
chr15	86994750	86994850	1188-Lng-A-T	144	chr15:86994750-86994850
chr15	87050050	87050150	1065-Lng-C-T	1267	chr15:87050050-87050150
chr15	87068750	87068850	901-Lng-C-T	49	chr15:87068750-87068850
chr15	87132750	87132850	1072-Lng-A-T	125	chr15:87132750-87132850
chr15	87195350	87195450	1065-Lng-B-T	89	chr15:87195350-87195450
chr15	87200650	87200750	1090-Lng-A-T	101	chr15:87200650-87200750
chr15	87261250	87261350	901-Lng-A-T	62	chr15:87261250-87261350
chr15	87393750	87393850	846-Lng-A-T	70	chr15:87393750-87393850
chr15	87425150	87425250	1090-Lng-A-T	60	chr15:87425150-87425250

Table S2: SB Insertion regions

chr15	87508250	87508350	1065-Lng-A-T	64	chr15:87508250-87508350
chr15	87725250	87725350	1065-Lng-B-T	62	chr15:87725250-87725350
chr15	87784850	87784950	1004-Lng-A-T	86	chr15:87784850-87784950
chr15	87848250	87848350	1065-Lng-B-T	43	chr15:87848250-87848350
chr15	87922650	87922750	1065-Lng-A-T	57	chr15:87922650-87922750
chr15	87995850	87995950	846-Lng-A-T	65	chr15:87995850-87995950
chr15	88031850	88031950	1072-Lng-A-T	57	chr15:88031850-88031950
chr15	88080250	88080350	1072-Lng-A-T	76	chr15:88080250-88080350
chr15	88383250	88383350	901-Lng-B-T	98	chr15:88383250-88383350
chr15	88440850	88440950	901-Lng-A-T	71	chr15:88440850-88440950
chr15	88495450	88495550	901-Lng-B-T	112	chr15:88495450-88495550
chr15	88513050	88513150	1065-Lng-C-T	107	chr15:88513050-88513150
chr15	88527550	88527650	1223-Lng-A-T	120	chr15:88527550-88527650
chr15	88529750	88529850	1167-Lng-A-T	1269	chr15:88529750-88529850
chr15	88533950	88534050	1065-Lng-C-T	238	chr15:88533950-88534050
chr15	88534450	88534550	1152-Lng-A-T	204	chr15:88534450-88534550
chr15	88537050	88537150	901-Lng-C-T	94	chr15:88537050-88537150
chr15	88539150	88539250	901-Lng-D-T	356	chr15:88539150-88539250
chr15	88590050	88590150	1065-Lng-A-T	89	chr15:88590050-88590150
chr15	88597250	88597350	901-Lng-B-T	157	chr15:88597250-88597350
chr15	88599150	88599250	1065-Lng-B-T	39	chr15:88599150-88599250
chr15	88599850	88599950	846-Lng-A-T	130	chr15:88599850-88599950
chr15	88602950	88603050	1090-Lng-A-T	74	chr15:88602950-88603050
chr15	88710350	88710450	1090-Lng-A-T	66	chr15:88710350-88710450
chr15	88794650	88794750	901-Lng-B-T	144	chr15:88794650-88794750
chr15	88794850	88794950	901-Lng-A-T	54	chr15:88794850-88794950
chr15	88841150	88841250	1090-Lng-A-T	119	chr15:88841150-88841250
chr15	88877150	88877250	1065-Lng-B-T	344	chr15:88877150-88877250
chr15	88928750	88928850	1004-Lng-A-T	58	chr15:88928750-88928850
chr15	88962450	88962550	901-Lng-B-T	115	chr15:88962450-88962550
chr15	88984550	88984650	901-Lng-C-T	33	chr15:88984550-88984650
chr15	89005050	89005150	1152-Lng-A-T	32	chr15:89005050-89005150
chr15	89048150	89048250	1100-Lng-A-T	90	chr15:89048150-89048250
chr15	89058850	89058950	1100-Lng-B-T	5084	chr15:89058850-89058950
chr15	89083650	89083750	1223-Lng-B-T	34	chr15:89083650-89083750
chr15	89085350	89085450	1065-Lng-B-T	68	chr15:89085350-89085450
chr15	89105750	89105850	1223-Lng-A-T	246	chr15:89105750-89105850
chr15	89153550	89153650	901-Lng-B-T	70	chr15:89153550-89153650
chr15	89172850	89172950	901-Lng-B-T	38	chr15:89172850-89172950
chr15	89335150	89335250	901-Lng-A-T	81	chr15:89335150-89335250
chr15	89349650	89349750	1065-Lng-A-T	53	chr15:89349650-89349750
chr15	89362950	89363050	1223-Lng-A-T	138	chr15:89362950-89363050
chr15	89457950	89458050	1072-Lng-A-T	60	chr15:89457950-89458050
chr15	89565650	89565750	1274-Lng-A-T	87	chr15:89565650-89565750
chr15	89568650	89568750	1223-Lng-A-T	206	chr15:89568650-89568750
chr15	89575750	89575850	1065-Lng-B-T	144	chr15:89575750-89575850

Table S2: SB Insertion regions

chr15	89595150	89595250	1065-Lng-B-T	81	chr15:89595150-89595250
chr15	89645750	89645850	1004-Lng-A-T	582	chr15:89645750-89645850
chr15	89670350	89670450	1065-Lng-A-T	85	chr15:89670350-89670450
chr15	89696850	89696950	1004-Lng-A-T	80	chr15:89696850-89696950
chr15	89739750	89739850	1223-Lng-D-T	42	chr15:89739750-89739850
chr15	89755650	89755750	1167-Lng-A-T	86	chr15:89755650-89755750
chr15	89765950	89766050	1223-Lng-C-T	44	chr15:89765950-89766050
chr15	89823150	89823250	1090-Lng-B-T	252	chr15:89823150-89823250
chr15	89833550	89833650	1065-Lng-C-T	92	chr15:89833550-89833650
chr15	89837550	89837650	901-Lng-A-T	344	chr15:89837550-89837650
chr15	89893550	89893650	1090-Lng-A-T	74	chr15:89893550-89893650
chr15	89909250	89909350	901-Lng-B-T	71	chr15:89909250-89909350
chr15	89937950	89938050	1065-Lng-C-T	80	chr15:89937950-89938050
chr15	89994150	89994250	1065-Lng-C-T	79	chr15:89994150-89994250
chr15	90046350	90046450	1065-Lng-B-T	185	chr15:90046350-90046450
chr15	90048050	90048150	1167-Lng-A-T	56	chr15:90048050-90048150
chr15	90060950	90061050	846-Lng-A-T	121	chr15:90060950-90061050
chr15	90113950	90114050	846-Lng-A-T	91	chr15:90113950-90114050
chr15	90150550	90150650	1065-Lng-A-T	422	chr15:90150550-90150650
chr15	90152550	90152650	1065-Lng-A-T	68	chr15:90152550-90152650
chr15	90185850	90185950	1072-Lng-A-T	62	chr15:90185850-90185950
chr15	90274150	90274250	901-Lng-B-T	227	chr15:90274150-90274250
chr15	90279250	90279350	1072-Lng-A-T	66	chr15:90279250-90279350
chr15	90311450	90311550	1065-Lng-A-T	47	chr15:90311450-90311550
chr15	90318550	90318650	1004-Lng-A-T	59	chr15:90318550-90318650
chr15	90323050	90323150	901-Lng-B-T	40	chr15:90323050-90323150
chr15	90348950	90349050	901-Lng-D-T	446	chr15:90348950-90349050
chr15	90422650	90422750	1223-Lng-B-T	82	chr15:90422650-90422750
chr15	90425250	90425350	1004-Lng-A-T	85	chr15:90425250-90425350
chr15	90430050	90430150	901-Lng-B-T	123	chr15:90430050-90430150
chr15	90435050	90435150	901-Lng-D-T	307	chr15:90435050-90435150
chr15	90481050	90481150	1167-Lng-A-T	227	chr15:90481050-90481150
chr15	90562550	90562650	901-Lng-B-T	130	chr15:90562550-90562650
chr15	90582550	90582650	1072-Lng-A-T	51	chr15:90582550-90582650
chr15	90618050	90618150	1065-Lng-C-T	78	chr15:90618050-90618150
chr15	90627050	90627150	1152-Lng-A-T	62	chr15:90627050-90627150
chr15	90646850	90646950	1004-Lng-A-T	75	chr15:90646850-90646950
chr15	90761350	90761450	901-Lng-C-T	47	chr15:90761350-90761450
chr15	90784550	90784650	1072-Lng-A-T	79	chr15:90784550-90784650
chr15	90804250	90804350	1065-Lng-A-T	60	chr15:90804250-90804350
chr15	90816550	90816650	1167-Lng-A-T	51	chr15:90816550-90816650
chr15	90830350	90830450	1004-Lng-A-T	115	chr15:90830350-90830450
chr15	90832950	90833050	1065-Lng-C-T	108	chr15:90832950-90833050
chr15	90847150	90847250	901-Lng-A-T	105	chr15:90847150-90847250
chr15	90847550	90847650	901-Lng-A-T	52	chr15:90847550-90847650
chr15	90849850	90849950	1004-Lng-A-T	481	chr15:90849850-90849950

Table S2: SB Insertion regions

chr15	90853650	90853750	901-Lng-A-T	65	chr15:90853650-90853750
chr15	90867350	90867450	1072-Lng-A-T	51	chr15:90867350-90867450
chr15	90871350	90871450	1188-Lng-A-T	71	chr15:90871350-90871450
chr15	90885250	90885350	1065-Lng-C-T	100	chr15:90885250-90885350
chr15	90888850	90888950	1072-Lng-A-T	80	chr15:90888850-90888950
chr15	90974150	90974250	901-Lng-B-T	132	chr15:90974150-90974250
chr15	91034650	91034750	1090-Lng-A-T	53	chr15:91034650-91034750
chr15	91058250	91058350	1072-Lng-A-T	136	chr15:91058250-91058350
chr15	91069750	91069850	901-Lng-A-T	193	chr15:91069750-91069850
chr15	91165250	91165350	901-Lng-D-T	61	chr15:91165250-91165350
chr15	91179050	91179150	1223-Lng-A-T	1463	chr15:91179050-91179150
chr15	91188450	91188550	901-Lng-A-T	105	chr15:91188450-91188550
chr15	91266250	91266350	1065-Lng-B-T	86	chr15:91266250-91266350
chr15	91267150	91267250	901-Lng-B-T	151	chr15:91267150-91267250
chr15	91286750	91286850	1223-Lng-A-T	95	chr15:91286750-91286850
chr15	91294350	91294450	901-Lng-B-T	50	chr15:91294350-91294450
chr15	91376050	91376150	1004-Lng-A-T	66	chr15:91376050-91376150
chr15	91387150	91387250	1223-Lng-D-T	47	chr15:91387150-91387250
chr15	91424050	91424150	901-Lng-D-T	176	chr15:91424050-91424150
chr15	91467550	91467650	1167-Lng-A-T	47	chr15:91467550-91467650
chr15	91505250	91505350	1072-Lng-A-T	185	chr15:91505250-91505350
chr15	91513950	91514050	1065-Lng-B-T	45	chr15:91513950-91514050
chr15	91530250	91530350	901-Lng-A-T	143	chr15:91530250-91530350
chr15	91532750	91532850	1065-Lng-A-T	44	chr15:91532750-91532850
chr15	91536550	91536650	1223-Lng-B-T	105	chr15:91536550-91536650
chr15	91558350	91558450	846-Lng-A-T	175	chr15:91558350-91558450
chr15	91569850	91569950	846-Lng-A-T	60	chr15:91569850-91569950
chr15	91573850	91573950	1065-Lng-C-T	101	chr15:91573850-91573950
chr15	91594450	91594550	1065-Lng-A-T	692	chr15:91594450-91594550
chr15	91596950	91597050	1004-Lng-A-T	94	chr15:91596950-91597050
chr15	91598950	91599050	1072-Lng-A-T	58	chr15:91598950-91599050
chr15	91598950	91599050	901-Lng-A-T	210	chr15:91598950-91599050
chr15	91599050	91599150	846-Lng-A-T	166	chr15:91599050-91599150
chr15	91600550	91600650	901-Lng-A-T	261	chr15:91600550-91600650
chr15	91613250	91613350	1065-Lng-B-T	41	chr15:91613250-91613350
chr15	91613250	91613350	1072-Lng-A-T	84	chr15:91613250-91613350
chr15	91614650	91614750	1090-Lng-A-T	56	chr15:91614650-91614750
chr15	91620950	91621050	846-Lng-A-T	85	chr15:91620950-91621050
chr15	91622050	91622150	846-Lng-A-T	1291	chr15:91622050-91622150
chr15	91633050	91633150	846-Lng-A-T	79	chr15:91633050-91633150
chr15	91643250	91643350	1274-Lng-A-T	137	chr15:91643250-91643350
chr15	91653450	91653550	1223-Lng-A-T	109	chr15:91653450-91653550
chr15	91658850	91658950	1065-Lng-C-T	96	chr15:91658850-91658950
chr15	91661250	91661350	1065-Lng-B-T	444	chr15:91661250-91661350
chr15	91694550	91694650	1072-Lng-A-T	48	chr15:91694550-91694650
chr15	91710350	91710450	1223-Lng-C-T	82	chr15:91710350-91710450

Table S2: SB Insertion regions

chr15	91745550	91745650	1065-Lng-A-T	68	chr15:91745550-91745650
chr15	91747850	91747950	1090-Lng-A-T	132	chr15:91747850-91747950
chr15	91842050	91842150	901-Lng-A-T	106	chr15:91842050-91842150
chr15	91869950	91870050	1274-Lng-A-T	59	chr15:91869950-91870050
chr15	91904050	91904150	1223-Lng-A-T	68	chr15:91904050-91904150
chr15	91911850	91911950	901-Lng-D-T	43	chr15:91911850-91911950
chr15	91969150	91969250	1090-Lng-A-T	64	chr15:91969150-91969250
chr15	91989950	91990050	1065-Lng-C-T	84	chr15:91989950-91990050
chr15	92034850	92034950	1223-Lng-B-T	183	chr15:92034850-92034950
chr15	92113350	92113450	901-Lng-A-T	95	chr15:92113350-92113450
chr15	92141550	92141650	1065-Lng-C-T	411	chr15:92141550-92141650
chr15	92145450	92145550	1065-Lng-A-T	135	chr15:92145450-92145550
chr15	92154450	92154550	901-Lng-C-T	36	chr15:92154450-92154550
chr15	92210550	92210650	1167-Lng-A-T	109	chr15:92210550-92210650
chr15	92240750	92240850	1090-Lng-B-T	926	chr15:92240750-92240850
chr15	92263450	92263550	901-Lng-D-T	172	chr15:92263450-92263550
chr15	92311150	92311250	1065-Lng-B-T	40	chr15:92311150-92311250
chr15	92313850	92313950	1004-Lng-A-T	66	chr15:92313850-92313950
chr15	92328050	92328150	1065-Lng-C-T	1947	chr15:92328050-92328150
chr15	92368450	92368550	1072-Lng-A-T	52	chr15:92368450-92368550
chr15	92375850	92375950	1072-Lng-A-T	90	chr15:92375850-92375950
chr15	92378050	92378150	1065-Lng-A-T	38	chr15:92378050-92378150
chr15	92388250	92388350	1072-Lng-A-T	7221	chr15:92388250-92388350
chr15	92401750	92401850	901-Lng-C-T	50	chr15:92401750-92401850
chr15	92450750	92450850	846-Lng-A-T	49	chr15:92450750-92450850
chr15	92455750	92455850	1065-Lng-A-T	36	chr15:92455750-92455850
chr15	92507750	92507850	1090-Lng-A-T	78	chr15:92507750-92507850
chr15	92547850	92547950	1065-Lng-B-T	39	chr15:92547850-92547950
chr15	92570650	92570750	1090-Lng-A-T	70	chr15:92570650-92570750
chr15	92635350	92635450	1065-Lng-C-T	79	chr15:92635350-92635450
chr15	92688650	92688750	1065-Lng-B-T	47	chr15:92688650-92688750
chr15	92692050	92692150	1223-Lng-A-T	243	chr15:92692050-92692150
chr15	92694050	92694150	1072-Lng-A-T	176	chr15:92694050-92694150
chr15	92807950	92808050	1065-Lng-B-T	66	chr15:92807950-92808050
chr15	92872750	92872850	1004-Lng-A-T	80	chr15:92872750-92872850
chr15	92873250	92873350	1072-Lng-A-T	61	chr15:92873250-92873350
chr15	92906350	92906450	901-Lng-B-T	346	chr15:92906350-92906450
chr15	93030450	93030550	901-Lng-A-T	50	chr15:93030450-93030550
chr15	93092350	93092450	1090-Lng-A-T	104	chr15:93092350-93092450
chr15	93093350	93093450	901-Lng-D-T	43	chr15:93093350-93093450
chr15	93099050	93099150	1065-Lng-A-T	81	chr15:93099050-93099150
chr15	93099850	93099950	1065-Lng-A-T	937	chr15:93099850-93099950
chr15	93112250	93112350	1167-Lng-A-T	45	chr15:93112250-93112350
chr15	93114750	93114850	1223-Lng-A-T	285	chr15:93114750-93114850
chr15	93125650	93125750	1004-Lng-A-T	180	chr15:93125650-93125750
chr15	93127650	93127750	1090-Lng-A-T	46	chr15:93127650-93127750

Table S2: SB Insertion regions

chr15	93151150	93151250	1223-Lng-A-T	156	chr15:93151150-93151250
chr15	93156350	93156450	901-Lng-B-T	251	chr15:93156350-93156450
chr15	93214350	93214450	901-Lng-A-T	76	chr15:93214350-93214450
chr15	93237650	93237750	1065-Lng-A-T	88	chr15:93237650-93237750
chr15	93259650	93259750	1065-Lng-A-T	107	chr15:93259650-93259750
chr15	93263250	93263350	1004-Lng-A-T	49	chr15:93263250-93263350
chr15	93269350	93269450	1065-Lng-B-T	82	chr15:93269350-93269450
chr15	93270550	93270650	901-Lng-A-T	76	chr15:93270550-93270650
chr15	93328850	93328950	1223-Lng-C-T	62	chr15:93328850-93328950
chr15	93330050	93330150	1004-Lng-A-T	630	chr15:93330050-93330150
chr15	93330250	93330350	1065-Lng-B-T	58	chr15:93330250-93330350
chr15	93344050	93344150	1090-Lng-A-T	48	chr15:93344050-93344150
chr15	93443750	93443850	901-Lng-A-T	63	chr15:93443750-93443850
chr15	93465550	93465650	1065-Lng-B-T	41	chr15:93465550-93465650
chr15	93517950	93518050	1065-Lng-B-T	72	chr15:93517950-93518050
chr15	93526450	93526550	846-Lng-A-T	60	chr15:93526450-93526550
chr15	93613850	93613950	1090-Lng-A-T	100	chr15:93613850-93613950
chr15	93650550	93650650	1072-Lng-A-T	59	chr15:93650550-93650650
chr15	93705750	93705850	1065-Lng-A-T	71	chr15:93705750-93705850
chr15	93744350	93744450	846-Lng-A-T	107	chr15:93744350-93744450
chr15	93770850	93770950	1004-Lng-A-T	52	chr15:93770850-93770950
chr15	93839050	93839150	1223-Lng-A-T	104	chr15:93839050-93839150
chr15	93853550	93853650	1065-Lng-B-T	45	chr15:93853550-93853650
chr15	93855850	93855950	1065-Lng-B-T	55	chr15:93855850-93855950
chr15	93858850	93858950	901-Lng-B-T	236	chr15:93858850-93858950
chr15	93897950	93898050	1072-Lng-A-T	532	chr15:93897950-93898050
chr15	93931750	93931850	1072-Lng-A-T	54	chr15:93931750-93931850
chr15	93940050	93940150	1065-Lng-B-T	51	chr15:93940050-93940150
chr15	93991950	93992050	1072-Lng-A-T	190	chr15:93991950-93992050
chr15	94007650	94007750	1065-Lng-A-T	37	chr15:94007650-94007750
chr15	94009150	94009250	1065-Lng-A-T	129	chr15:94009150-94009250
chr15	94040450	94040550	1065-Lng-A-T	246	chr15:94040450-94040550
chr15	94123450	94123550	901-Lng-A-T	90	chr15:94123450-94123550
chr15	94178950	94179050	1065-Lng-A-T	371	chr15:94178950-94179050
chr15	94193750	94193850	901-Lng-A-T	265	chr15:94193750-94193850
chr15	94214150	94214250	901-Lng-A-T	123	chr15:94214150-94214250
chr15	94245550	94245650	1065-Lng-B-T	54	chr15:94245550-94245650
chr15	94273850	94273950	1065-Lng-A-T	62	chr15:94273850-94273950
chr15	94375050	94375150	1065-Lng-B-T	57	chr15:94375050-94375150
chr15	94389050	94389150	1072-Lng-A-T	58	chr15:94389050-94389150
chr15	94403750	94403850	1072-Lng-A-T	49	chr15:94403750-94403850
chr15	94416650	94416750	846-Lng-A-T	62	chr15:94416650-94416750
chr15	94421550	94421650	846-Lng-A-T	190	chr15:94421550-94421650
chr15	94458950	94459050	901-Lng-A-T	108	chr15:94458950-94459050
chr15	94459150	94459250	1167-Lng-A-T	213	chr15:94459150-94459250
chr15	94461250	94461350	1167-Lng-A-T	66	chr15:94461250-94461350

Table S2: SB Insertion regions

chr15	94488550	94488650	1167-Lng-A-T	98	chr15:94488550-94488650
chr15	94492450	94492550	1072-Lng-A-T	3954	chr15:94492450-94492550
chr15	94542950	94543050	1223-Lng-A-T	58	chr15:94542950-94543050
chr15	94560650	94560750	901-Lng-D-T	43	chr15:94560650-94560750
chr15	94569050	94569150	901-Lng-A-T	139	chr15:94569050-94569150
chr15	94611550	94611650	901-Lng-A-T	109	chr15:94611550-94611650
chr15	94656450	94656550	1223-Lng-C-T	67	chr15:94656450-94656550
chr15	94694150	94694250	1065-Lng-B-T	64	chr15:94694150-94694250
chr15	94776850	94776950	1065-Lng-C-T	84	chr15:94776850-94776950
chr15	94827550	94827650	846-Lng-A-T	160	chr15:94827550-94827650
chr15	94854550	94854650	1065-Lng-B-T	44	chr15:94854550-94854650
chr15	94858950	94859050	901-Lng-B-T	189	chr15:94858950-94859050
chr15	94906950	94907050	1167-Lng-A-T	48	chr15:94906950-94907050
chr15	94972950	94973050	1065-Lng-C-T	78	chr15:94972950-94973050
chr15	95179750	95179850	1223-Lng-D-T	64	chr15:95179750-95179850
chr15	95195250	95195350	901-Lng-C-T	53	chr15:95195250-95195350
chr15	95199050	95199150	1090-Lng-B-T	830	chr15:95199050-95199150
chr15	95239850	95239950	901-Lng-B-T	50	chr15:95239850-95239950
chr15	95257050	95257150	1065-Lng-B-T	56	chr15:95257050-95257150
chr15	95337250	95337350	1090-Lng-A-T	468	chr15:95337250-95337350
chr15	95378650	95378750	1065-Lng-A-T	99	chr15:95378650-95378750
chr15	95379550	95379650	1065-Lng-A-T	241	chr15:95379550-95379650
chr15	95389250	95389350	1090-Lng-A-T	69	chr15:95389250-95389350
chr15	95399150	95399250	1065-Lng-C-T	260	chr15:95399150-95399250
chr15	95433350	95433450	1072-Lng-A-T	86	chr15:95433350-95433450
chr15	95498150	95498250	1167-Lng-A-T	50	chr15:95498150-95498250
chr15	95547750	95547850	1090-Lng-B-T	252	chr15:95547750-95547850
chr15	95633650	95633750	901-Lng-C-T	247	chr15:95633650-95633750
chr15	95646450	95646550	901-Lng-D-T	50	chr15:95646450-95646550
chr15	95647650	95647750	1065-Lng-B-T	44	chr15:95647650-95647750
chr15	95655350	95655450	1065-Lng-A-T	35	chr15:95655350-95655450
chr15	95655650	95655750	901-Lng-A-T	93	chr15:95655650-95655750
chr15	95661250	95661350	1065-Lng-C-T	70	chr15:95661250-95661350
chr15	95661950	95662050	1100-Lng-A-T	123	chr15:95661950-95662050
chr15	95665950	95666050	901-Lng-B-T	162	chr15:95665950-95666050
chr15	95677850	95677950	1090-Lng-A-T	56	chr15:95677850-95677950
chr15	95691550	95691650	1223-Lng-C-T	69	chr15:95691550-95691650
chr15	95697650	95697750	1004-Lng-A-T	53	chr15:95697650-95697750
chr15	95719350	95719450	1152-Lng-A-T	42	chr15:95719350-95719450
chr15	95719350	95719450	1065-Lng-B-T	49	chr15:95719350-95719450
chr15	95719450	95719550	1223-Lng-A-T	96	chr15:95719450-95719550
chr15	95730750	95730850	901-Lng-A-T	54	chr15:95730750-95730850
chr15	95740450	95740550	1223-Lng-B-T	66	chr15:95740450-95740550
chr15	95745150	95745250	901-Lng-C-T	48	chr15:95745150-95745250
chr15	95760650	95760750	901-Lng-A-T	80	chr15:95760650-95760750
chr15	95762150	95762250	1065-Lng-B-T	139	chr15:95762150-95762250

Table S2: SB Insertion regions

chr15	95765550	95765650	846-Lng-A-T	122	chr15:95765550-95765650
chr15	95785550	95785650	1065-Lng-B-T	51	chr15:95785550-95785650
chr15	95975250	95975350	1072-Lng-A-T	68	chr15:95975250-95975350
chr15	96035750	96035850	1065-Lng-B-T	74	chr15:96035750-96035850
chr15	96046750	96046850	1223-Lng-B-T	37	chr15:96046750-96046850
chr15	96062450	96062550	1090-Lng-A-T	87	chr15:96062450-96062550
chr15	96101250	96101350	1065-Lng-A-T	90	chr15:96101250-96101350
chr15	96102950	96103050	901-Lng-C-T	32	chr15:96102950-96103050
chr15	96131550	96131650	1167-Lng-A-T	1029	chr15:96131550-96131650
chr15	96131950	96132050	1223-Lng-A-T	178	chr15:96131950-96132050
chr15	96151850	96151950	1167-Lng-A-T	59	chr15:96151850-96151950
chr15	96161150	96161250	901-Lng-A-T	295	chr15:96161150-96161250
chr15	96178250	96178350	1167-Lng-A-T	78	chr15:96178250-96178350
chr15	96198950	96199050	1072-Lng-A-T	73	chr15:96198950-96199050
chr15	96206650	96206750	1090-Lng-A-T	1336	chr15:96206650-96206750
chr15	96217550	96217650	1100-Lng-A-T	270	chr15:96217550-96217650
chr15	96218550	96218650	846-Lng-A-T	53	chr15:96218550-96218650
chr15	96229650	96229750	901-Lng-A-T	54	chr15:96229650-96229750
chr15	96235250	96235350	1151-Lng-A-T	417	chr15:96235250-96235350
chr15	96237450	96237550	1090-Lng-A-T	47	chr15:96237450-96237550
chr15	96270750	96270850	1223-Lng-B-T	116	chr15:96270750-96270850
chr15	96271550	96271650	1223-Lng-D-T	409	chr15:96271550-96271650
chr15	96271950	96272050	901-Lng-A-T	109	chr15:96271950-96272050
chr15	96274850	96274950	1274-Lng-A-T	151	chr15:96274850-96274950
chr15	96275750	96275850	1065-Lng-A-T	42	chr15:96275750-96275850
chr15	96278250	96278350	1065-Lng-B-T	90	chr15:96278250-96278350
chr15	96284450	96284550	901-Lng-A-T	55	chr15:96284450-96284550
chr15	96284450	96284550	901-Lng-B-T	104	chr15:96284450-96284550
chr15	96286250	96286350	901-Lng-C-T	258	chr15:96286250-96286350
chr15	96287750	96287850	901-Lng-A-T	128	chr15:96287750-96287850
chr15	96310950	96311050	1072-Lng-A-T	123	chr15:96310950-96311050
chr15	96359050	96359150	1090-Lng-A-T	95	chr15:96359050-96359150
chr15	96423050	96423150	1090-Lng-A-T	46	chr15:96423050-96423150
chr15	96431050	96431150	1223-Lng-D-T	47	chr15:96431050-96431150
chr15	96442050	96442150	1223-Lng-C-T	55	chr15:96442050-96442150
chr15	96458550	96458650	1223-Lng-B-T	148	chr15:96458550-96458650
chr15	96496550	96496650	1065-Lng-A-T	45	chr15:96496550-96496650
chr15	96525450	96525550	1274-Lng-A-T	50	chr15:96525450-96525550
chr15	96590250	96590350	846-Lng-A-T	88	chr15:96590250-96590350
chr15	96594950	96595050	1065-Lng-A-T	66	chr15:96594950-96595050
chr15	96663850	96663950	1223-Lng-C-T	68	chr15:96663850-96663950
chr15	96911050	96911150	1065-Lng-B-T	54	chr15:96911050-96911150
chr15	97009350	97009450	1090-Lng-A-T	59	chr15:97009350-97009450
chr15	97031950	97032050	901-Lng-A-T	447	chr15:97031950-97032050
chr15	97057450	97057550	1065-Lng-B-T	52	chr15:97057450-97057550
chr15	97080850	97080950	1072-Lng-A-T	112	chr15:97080850-97080950

Table S2: SB Insertion regions

chr15	97127350	97127450	1004-Lng-A-T	57	chr15:97127350-97127450
chr15	97377350	97377450	1152-Lng-A-T	273	chr15:97377350-97377450
chr15	97401650	97401750	1072-Lng-A-T	196	chr15:97401650-97401750
chr15	97573450	97573550	901-Lng-D-T	466	chr15:97573450-97573550
chr15	97573450	97573550	1167-Lng-A-T	77	chr15:97573450-97573550
chr15	97590750	97590850	1065-Lng-C-T	96	chr15:97590750-97590850
chr15	97606950	97607050	1223-Lng-D-T	190	chr15:97606950-97607050
chr15	97693250	97693350	1072-Lng-A-T	52	chr15:97693250-97693350
chr15	97705250	97705350	1223-Lng-C-T	69	chr15:97705250-97705350
chr15	97874850	97874950	901-Lng-C-T	111	chr15:97874850-97874950
chr15	97908150	97908250	901-Lng-D-T	105	chr15:97908150-97908250
chr15	97916150	97916250	1065-Lng-C-T	787	chr15:97916150-97916250
chr15	97922050	97922150	1223-Lng-A-T	108	chr15:97922050-97922150
chr15	97927250	97927350	1090-Lng-A-T	103	chr15:97927250-97927350
chr15	97961350	97961450	1152-Lng-A-T	135	chr15:97961350-97961450
chr15	97963950	97964050	1065-Lng-C-T	366	chr15:97963950-97964050
chr15	97970750	97970850	901-Lng-A-T	94	chr15:97970750-97970850
chr15	97984350	97984450	1167-Lng-A-T	370	chr15:97984350-97984450
chr15	98042350	98042450	901-Lng-A-T	86	chr15:98042350-98042450
chr15	98081750	98081850	1072-Lng-A-T	142	chr15:98081750-98081850
chr15	98118450	98118550	846-Lng-A-T	143	chr15:98118450-98118550
chr15	98139650	98139750	1065-Lng-B-T	80	chr15:98139650-98139750
chr15	98357350	98357450	1188-Lng-A-T	84	chr15:98357350-98357450
chr15	98364950	98365050	1223-Lng-C-T	211	chr15:98364950-98365050
chr15	98371150	98371250	1151-Lng-A-T	322	chr15:98371150-98371250
chr15	98444150	98444250	1072-Lng-A-T	170	chr15:98444150-98444250
chr15	98492650	98492750	1223-Lng-B-T	61	chr15:98492650-98492750
chr15	98513050	98513150	901-Lng-A-T	51	chr15:98513050-98513150
chr15	98557950	98558050	1167-Lng-A-T	50	chr15:98557950-98558050
chr15	98572250	98572350	1223-Lng-C-T	135	chr15:98572250-98572350
chr15	98583050	98583150	901-Lng-C-T	193	chr15:98583050-98583150
chr15	98643150	98643250	901-Lng-A-T	90	chr15:98643150-98643250
chr15	98761050	98761150	1100-Lng-B-T	391	chr15:98761050-98761150
chr15	98810950	98811050	1223-Lng-B-T	80	chr15:98810950-98811050
chr15	98856850	98856950	1223-Lng-B-T	43	chr15:98856850-98856950
chr15	99013050	99013150	901-Lng-C-T	33	chr15:99013050-99013150
chr15	99150350	99150450	901-Lng-B-T	603	chr15:99150350-99150450
chr15	99316950	99317050	1065-Lng-A-T	73	chr15:99316950-99317050
chr15	99561450	99561550	901-Lng-A-T	125	chr15:99561450-99561550
chr15	99629550	99629650	1090-Lng-A-T	88	chr15:99629550-99629650
chr15	99688150	99688250	1152-Lng-A-T	56	chr15:99688150-99688250
chr15	99691350	99691450	901-Lng-D-T	345	chr15:99691350-99691450
chr15	99819150	99819250	1100-Lng-A-T	160	chr15:99819150-99819250
chr15	99835150	99835250	1167-Lng-A-T	71	chr15:99835150-99835250
chr15	99881850	99881950	1223-Lng-B-T	35	chr15:99881850-99881950
chr15	99915650	99915750	1223-Lng-B-T	57	chr15:99915650-99915750

Table S2: SB Insertion regions

chr15	99941450	99941550	1065-Lng-B-T	44	chr15:99941450-99941550
chr15	99952250	99952350	1090-Lng-B-T	459	chr15:99952250-99952350
chr15	99960850	99960950	901-Lng-A-T	104	chr15:99960850-99960950
chr15	100030550	100030650	1090-Lng-A-T	63	chr15:100030550-100030650
chr15	100069750	100069850	1151-Lng-A-T	379	chr15:100069750-100069850
chr15	100153050	100153150	901-Lng-A-T	71	chr15:100153050-100153150
chr15	100168350	100168450	1065-Lng-B-T	144	chr15:100168350-100168450
chr15	100214850	100214950	1072-Lng-A-T	156	chr15:100214850-100214950
chr15	100225350	100225450	1004-Lng-A-T	80	chr15:100225350-100225450
chr15	100247550	100247650	1152-Lng-A-T	433	chr15:100247550-100247650
chr15	100248950	100249050	901-Lng-B-T	155	chr15:100248950-100249050
chr15	100249550	100249650	1004-Lng-A-T	69	chr15:100249550-100249650
chr15	100379450	100379550	1167-Lng-A-T	168	chr15:100379450-100379550
chr15	100545950	100546050	901-Lng-C-T	114	chr15:100545950-100546050
chr15	100586750	100586850	901-Lng-A-T	102	chr15:100586750-100586850
chr15	100656250	100656350	1065-Lng-A-T	57	chr15:100656250-100656350
chr15	101006250	101006350	1223-Lng-C-T	271	chr15:101006250-101006350
chr15	101006750	101006850	1223-Lng-B-T	179	chr15:101006750-101006850
chr15	101009550	101009650	1223-Lng-A-T	53	chr15:101009550-101009650
chr15	101028750	101028850	901-Lng-B-T	291	chr15:101028750-101028850
chr15	101036050	101036150	1223-Lng-C-T	520	chr15:101036050-101036150
chr15	101070750	101070850	1223-Lng-A-T	72	chr15:101070750-101070850
chr15	101075750	101075850	1100-Lng-A-T	117	chr15:101075750-101075850
chr15	101118150	101118250	1072-Lng-A-T	157	chr15:101118150-101118250
chr15	101133350	101133450	1004-Lng-A-T	64	chr15:101133350-101133450
chr15	101178050	101178150	901-Lng-A-T	62	chr15:101178050-101178150
chr15	101226750	101226850	1065-Lng-A-T	68	chr15:101226750-101226850
chr15	101231150	101231250	1152-Lng-A-T	52	chr15:101231150-101231250
chr15	101593050	101593150	901-Lng-C-T	74	chr15:101593050-101593150
chr15	101652950	101653050	1065-Lng-A-T	76	chr15:101652950-101653050
chr15	101724950	101725050	1065-Lng-A-T	58	chr15:101724950-101725050
chr15	101767150	101767250	1151-Lng-A-T	344	chr15:101767150-101767250
chr15	101917450	101917550	1223-Lng-B-T	48	chr15:101917450-101917550
chr15	101918850	101918950	1100-Lng-A-T	63	chr15:101918850-101918950
chr15	102030150	102030250	1065-Lng-B-T	60	chr15:102030150-102030250
chr15	102227850	102227950	1167-Lng-A-T	455	chr15:102227850-102227950
chr15	102253050	102253150	1223-Lng-C-T	63	chr15:102253050-102253150
chr15	102260750	102260850	901-Lng-B-T	117	chr15:102260750-102260850
chr15	102264950	102265050	1065-Lng-A-T	194	chr15:102264950-102265050
chr15	102266850	102266950	1090-Lng-A-T	86	chr15:102266850-102266950
chr15	102312350	102312450	1223-Lng-C-T	47	chr15:102312350-102312450
chr15	102332650	102332750	1223-Lng-B-T	144	chr15:102332650-102332750
chr15	102335250	102335350	846-Lng-A-T	342	chr15:102335250-102335350
chr15	102357450	102357550	1072-Lng-A-T	113	chr15:102357450-102357550
chr15	102404650	102404750	1065-Lng-B-T	437	chr15:102404650-102404750
chr15	102408150	102408250	1152-Lng-A-T	193	chr15:102408150-102408250

Table S2: SB Insertion regions

chr15	102421150	102421250	1065-Lng-A-T	222	chr15:102421150-102421250
chr15	102425150	102425250	1152-Lng-A-T	235	chr15:102425150-102425250
chr15	102437850	102437950	1072-Lng-A-T	55	chr15:102437850-102437950
chr15	102445850	102445950	1188-Lng-A-T	124	chr15:102445850-102445950
chr15	102448850	102448950	1188-Lng-A-T	49	chr15:102448850-102448950
chr15	102452550	102452650	901-Lng-A-T	67	chr15:102452550-102452650
chr15	102457150	102457250	1167-Lng-A-T	70	chr15:102457150-102457250
chr15	102486950	102487050	1151-Lng-A-T	327	chr15:102486950-102487050
chr15	102492550	102492650	1274-Lng-A-T	66	chr15:102492550-102492650
chr15	102493950	102494050	901-Lng-D-T	37	chr15:102493950-102494050
chr15	102590250	102590350	1223-Lng-A-T	96	chr15:102590250-102590350
chr15	102656450	102656550	1065-Lng-A-T	40	chr15:102656450-102656550
chr15	102698750	102698850	901-Lng-A-T	69	chr15:102698750-102698850
chr15	102888250	102888350	1072-Lng-A-T	51	chr15:102888250-102888350
chr15	103063150	103063250	1274-Lng-A-T	63	chr15:103063150-103063250
chr15	103064150	103064250	1065-Lng-B-T	68	chr15:103064150-103064250
chr15	103066350	103066450	1223-Lng-D-T	42	chr15:103066350-103066450
chr15	103097850	103097950	1223-Lng-C-T	72	chr15:103097850-103097950
chr15	103103850	103103950	1100-Lng-A-T	62	chr15:103103850-103103950
chr15	103114350	103114450	901-Lng-C-T	58	chr15:103114350-103114450
chr15	103235150	103235250	1223-Lng-B-T	43	chr15:103235150-103235250
chr15	103290850	103290950	901-Lng-C-T	66	chr15:103290850-103290950
chr15	103298850	103298950	901-Lng-B-T	267	chr15:103298850-103298950
chr15	103307450	103307550	1223-Lng-B-T	34	chr15:103307450-103307550
chr15	103307850	103307950	1065-Lng-B-T	74	chr15:103307850-103307950
chr15	103309650	103309750	1090-Lng-A-T	66	chr15:103309650-103309750
chr15	103339350	103339450	1223-Lng-B-T	39	chr15:103339350-103339450
chr15	103342350	103342450	901-Lng-C-T	59	chr15:103342350-103342450
chr15	103342650	103342750	1090-Lng-A-T	91	chr15:103342650-103342750
chr15	103345950	103346050	1090-Lng-A-T	110	chr15:103345950-103346050
chr16	3246750	3246850	901-Lng-C-T	98	chr16:3246750-3246850
chr16	3247950	3248050	1004-Lng-A-T	106	chr16:3247950-3248050
chr16	3256350	3256450	1152-Lng-A-T	170	chr16:3256350-3256450
chr16	3885750	3885850	1065-Lng-C-T	82	chr16:3885750-3885850
chr16	3907350	3907450	1167-Lng-A-T	68	chr16:3907350-3907450
chr16	4051850	4051950	1065-Lng-A-T	67	chr16:4051850-4051950
chr16	4125850	4125950	1151-Lng-A-T	171	chr16:4125850-4125950
chr16	4131050	4131150	1152-Lng-A-T	81	chr16:4131050-4131150
chr16	4143550	4143650	1223-Lng-B-T	215	chr16:4143550-4143650
chr16	4150150	4150250	1100-Lng-A-T	108	chr16:4150150-4150250
chr16	4177150	4177250	1223-Lng-D-T	57	chr16:4177150-4177250
chr16	4177450	4177550	1223-Lng-A-T	164	chr16:4177450-4177550
chr16	4180750	4180850	1223-Lng-D-T	41	chr16:4180750-4180850
chr16	4180850	4180950	1100-Lng-A-T	140	chr16:4180850-4180950
chr16	4181350	4181450	1274-Lng-A-T	136	chr16:4181350-4181450
chr16	4206650	4206750	1274-Lng-A-T	139	chr16:4206650-4206750

Table S2: SB Insertion regions

chr16	4315950	4316050	901-Lng-D-T	331	chr16:4315950-4316050
chr16	4321350	4321450	1223-Lng-A-T	1117	chr16:4321350-4321450
chr16	4373650	4373750	846-Lng-A-T	59	chr16:4373650-4373750
chr16	4374950	4375050	1151-Lng-A-T	63	chr16:4374950-4375050
chr16	4376150	4376250	1151-Lng-A-T	260	chr16:4376150-4376250
chr16	4385150	4385250	1274-Lng-A-T	88	chr16:4385150-4385250
chr16	4402350	4402450	1004-Lng-A-T	77	chr16:4402350-4402450
chr16	4478750	4478850	1274-Lng-A-T	58	chr16:4478750-4478850
chr16	4480950	4481050	1188-Lng-A-T	83	chr16:4480950-4481050
chr16	4487950	4488050	1065-Lng-C-T	61	chr16:4487950-4488050
chr16	4555550	4555650	1065-Lng-C-T	77	chr16:4555550-4555650
chr16	4740150	4740250	1100-Lng-A-T	108	chr16:4740150-4740250
chr16	4764450	4764550	1100-Lng-A-T	55	chr16:4764450-4764550
chr16	4788250	4788350	901-Lng-B-T	67	chr16:4788250-4788350
chr16	4839350	4839450	1274-Lng-A-T	130	chr16:4839350-4839450
chr16	4876350	4876450	901-Lng-B-T	83	chr16:4876350-4876450
chr16	4890550	4890650	1188-Lng-A-T	75	chr16:4890550-4890650
chr16	4934750	4934850	1100-Lng-A-T	86	chr16:4934750-4934850
chr16	5026450	5026550	1100-Lng-A-T	82	chr16:5026450-5026550
chr16	5028350	5028450	1223-Lng-D-T	436	chr16:5028350-5028450
chr16	5045150	5045250	1223-Lng-C-T	313	chr16:5045150-5045250
chr16	5154650	5154750	1100-Lng-A-T	71	chr16:5154650-5154750
chr16	5155050	5155150	1065-Lng-C-T	69	chr16:5155050-5155150
chr16	6001950	6002050	1065-Lng-A-T	43	chr16:6001950-6002050
chr16	6211150	6211250	901-Lng-C-T	39	chr16:6211150-6211250
chr16	6478950	6479050	1065-Lng-B-T	161	chr16:6478950-6479050
chr16	6639150	6639250	1072-Lng-A-T	52	chr16:6639150-6639250
chr16	6723650	6723750	901-Lng-A-T	78	chr16:6723650-6723750
chr16	6943650	6943750	1065-Lng-B-T	65	chr16:6943650-6943750
chr16	7033550	7033650	1065-Lng-A-T	49	chr16:7033550-7033650
chr16	7101750	7101850	1065-Lng-C-T	62	chr16:7101750-7101850
chr16	7208650	7208750	1004-Lng-A-T	111	chr16:7208650-7208750
chr16	7438550	7438650	1151-Lng-A-T	254	chr16:7438550-7438650
chr16	7679950	7680050	901-Lng-A-T	76	chr16:7679950-7680050
chr16	7922850	7922950	901-Lng-B-T	89	chr16:7922850-7922950
chr16	8169650	8169750	1065-Lng-C-T	61	chr16:8169650-8169750
chr16	8194250	8194350	1223-Lng-D-T	40	chr16:8194250-8194350
chr16	8203450	8203550	1004-Lng-A-T	74	chr16:8203450-8203550
chr16	8318850	8318950	846-Lng-A-T	68	chr16:8318850-8318950
chr16	8332150	8332250	1065-Lng-B-T	64	chr16:8332150-8332250
chr16	8359950	8360050	1151-Lng-A-T	77	chr16:8359950-8360050
chr16	8679650	8679750	1274-Lng-A-T	87	chr16:8679650-8679750
chr16	8700950	8701050	1065-Lng-B-T	88	chr16:8700950-8701050
chr16	8701950	8702050	901-Lng-B-T	137	chr16:8701950-8702050
chr16	8753650	8753750	1072-Lng-A-T	72	chr16:8753650-8753750
chr16	8923050	8923150	1100-Lng-A-T	62	chr16:8923050-8923150

Table S2: SB Insertion regions

chr16	9029850	9029950	1223-Lng-A-T	102	chr16:9029850-9029950
chr16	9050450	9050550	1065-Lng-B-T	69	chr16:9050450-9050550
chr16	9554450	9554550	1274-Lng-A-T	59	chr16:9554450-9554550
chr16	9570950	9571050	901-Lng-D-T	449	chr16:9570950-9571050
chr16	9571650	9571750	1223-Lng-A-T	103	chr16:9571650-9571750
chr16	9613450	9613550	901-Lng-B-T	209	chr16:9613450-9613550
chr16	10315350	10315450	1090-Lng-A-T	70	chr16:10315350-10315450
chr16	10347350	10347450	1100-Lng-A-T	51	chr16:10347350-10347450
chr16	10388850	10388950	1274-Lng-A-T	59	chr16:10388850-10388950
chr16	10423650	10423750	1274-Lng-A-T	245	chr16:10423650-10423750
chr16	10466050	10466150	1151-Lng-A-T	68	chr16:10466050-10466150
chr16	10495050	10495150	901-Lng-A-T	499	chr16:10495050-10495150
chr16	10505250	10505350	1065-Lng-C-T	67	chr16:10505250-10505350
chr16	10533950	10534050	1152-Lng-A-T	168	chr16:10533950-10534050
chr16	10628850	10628950	1223-Lng-B-T	255	chr16:10628850-10628950
chr16	10637550	10637650	1274-Lng-A-T	57	chr16:10637550-10637650
chr16	10659150	10659250	1065-Lng-B-T	58	chr16:10659150-10659250
chr16	10689250	10689350	901-Lng-C-T	52	chr16:10689250-10689350
chr16	10691050	10691150	1274-Lng-A-T	108	chr16:10691050-10691150
chr16	10848850	10848950	901-Lng-A-T	105	chr16:10848850-10848950
chr16	10930350	10930450	901-Lng-B-T	50	chr16:10930350-10930450
chr16	11071650	11071750	1072-Lng-A-T	161	chr16:11071650-11071750
chr16	11080550	11080650	1065-Lng-A-T	94	chr16:11080550-11080650
chr16	11097950	11098050	1223-Lng-D-T	855	chr16:11097950-11098050
chr16	11154350	11154450	1223-Lng-C-T	45	chr16:11154350-11154450
chr16	11157950	11158050	1100-Lng-B-T	68	chr16:11157950-11158050
chr16	11159450	11159550	901-Lng-A-T	60	chr16:11159450-11159550
chr16	11217450	11217550	1188-Lng-A-T	144	chr16:11217450-11217550
chr16	11227050	11227150	1274-Lng-A-T	59	chr16:11227050-11227150
chr16	11234650	11234750	1151-Lng-A-T	90	chr16:11234650-11234750
chr16	11429750	11429850	901-Lng-B-T	133	chr16:11429750-11429850
chr16	11470350	11470450	846-Lng-A-T	117	chr16:11470350-11470450
chr16	11565050	11565150	1274-Lng-A-T	56	chr16:11565050-11565150
chr16	11625750	11625850	1100-Lng-A-T	55	chr16:11625750-11625850
chr16	11675250	11675350	1065-Lng-B-T	74	chr16:11675250-11675350
chr16	11675250	11675350	1188-Lng-A-T	36	chr16:11675250-11675350
chr16	11827650	11827750	1167-Lng-A-T	46	chr16:11827650-11827750
chr16	11838450	11838550	901-Lng-C-T	54	chr16:11838450-11838550
chr16	11859350	11859450	1090-Lng-B-T	875	chr16:11859350-11859450
chr16	12085350	12085450	846-Lng-A-T	45	chr16:12085350-12085450
chr16	12095550	12095650	1223-Lng-D-T	932	chr16:12095550-12095650
chr16	12225050	12225150	1100-Lng-A-T	119	chr16:12225050-12225150
chr16	12616150	12616250	1223-Lng-A-T	156	chr16:12616150-12616250
chr16	12729350	12729450	1065-Lng-B-T	92	chr16:12729350-12729450
chr16	12729650	12729750	1188-Lng-A-T	47	chr16:12729650-12729750
chr16	12836250	12836350	1065-Lng-B-T	47	chr16:12836250-12836350

Table S2: SB Insertion regions

chr16	12895950	12896050	1274-Lng-A-T	170	chr16:12895950-12896050
chr16	13027050	13027150	1065-Lng-A-T	56	chr16:13027050-13027150
chr16	13111950	13112050	901-Lng-A-T	55	chr16:13111950-13112050
chr16	13236950	13237050	1065-Lng-A-T	143	chr16:13236950-13237050
chr16	13311150	13311250	1100-Lng-A-T	58	chr16:13311150-13311250
chr16	13342750	13342850	1151-Lng-A-T	54	chr16:13342750-13342850
chr16	13372150	13372250	901-Lng-A-T	119	chr16:13372150-13372250
chr16	13399250	13399350	1223-Lng-A-T	87	chr16:13399250-13399350
chr16	13404150	13404250	1188-Lng-A-T	142	chr16:13404150-13404250
chr16	13561050	13561150	1151-Lng-A-T	64	chr16:13561050-13561150
chr16	13638350	13638450	1065-Lng-A-T	42	chr16:13638350-13638450
chr16	13653850	13653950	1065-Lng-C-T	1496	chr16:13653850-13653950
chr16	13840750	13840850	1151-Lng-A-T	484	chr16:13840750-13840850
chr16	13873950	13874050	901-Lng-C-T	205	chr16:13873950-13874050
chr16	13990650	13990750	1223-Lng-C-T	62	chr16:13990650-13990750
chr16	14149350	14149450	1223-Lng-C-T	46	chr16:14149350-14149450
chr16	14259750	14259850	1065-Lng-A-T	47	chr16:14259750-14259850
chr16	14301450	14301550	1188-Lng-A-T	64	chr16:14301450-14301550
chr16	14625650	14625750	1072-Lng-A-T	303	chr16:14625650-14625750
chr16	15156950	15157050	1152-Lng-A-T	166	chr16:15156950-15157050
chr16	15190350	15190450	1223-Lng-A-T	101	chr16:15190350-15190450
chr16	15433650	15433750	901-Lng-A-T	147	chr16:15433650-15433750
chr16	15553150	15553250	1151-Lng-A-T	55	chr16:15553150-15553250
chr16	15560850	15560950	1152-Lng-A-T	64	chr16:15560850-15560950
chr16	15572550	15572650	1167-Lng-A-T	133	chr16:15572550-15572650
chr16	15655650	15655750	901-Lng-A-T	90	chr16:15655650-15655750
chr16	15954250	15954350	901-Lng-A-T	83	chr16:15954250-15954350
chr16	16067750	16067850	1152-Lng-A-T	77	chr16:16067750-16067850
chr16	16229550	16229650	846-Lng-A-T	229	chr16:16229550-16229650
chr16	16271250	16271350	1100-Lng-A-T	143	chr16:16271250-16271350
chr16	16273750	16273850	1223-Lng-B-T	37	chr16:16273750-16273850
chr16	16274950	16275050	901-Lng-C-T	75	chr16:16274950-16275050
chr16	16354550	16354650	1004-Lng-A-T	74	chr16:16354550-16354650
chr16	16356450	16356550	1090-Lng-B-T	155	chr16:16356450-16356550
chr16	16519250	16519350	1100-Lng-A-T	127	chr16:16519250-16519350
chr16	16536650	16536750	1151-Lng-A-T	221	chr16:16536650-16536750
chr16	16571850	16571950	1065-Lng-B-T	214	chr16:16571850-16571950
chr16	16588550	16588650	1090-Lng-A-T	555	chr16:16588550-16588650
chr16	16792950	16793050	1188-Lng-A-T	152	chr16:16792950-16793050
chr16	16873450	16873550	1223-Lng-C-T	45	chr16:16873450-16873550
chr16	16985250	16985350	1223-Lng-A-T	109	chr16:16985250-16985350
chr16	17035250	17035350	1065-Lng-C-T	118	chr16:17035250-17035350
chr16	17085350	17085450	1167-Lng-A-T	1479	chr16:17085350-17085450
chr16	17095850	17095950	1065-Lng-C-T	76	chr16:17095850-17095950
chr16	17157950	17158050	1072-Lng-A-T	191	chr16:17157950-17158050
chr16	17181650	17181750	1188-Lng-A-T	38	chr16:17181650-17181750

Table S2: SB Insertion regions

chr16	17196350	17196450	1004-Lng-A-T	56	chr16:17196350-17196450
chr16	17287450	17287550	1151-Lng-A-T	73	chr16:17287450-17287550
chr16	17325250	17325350	1188-Lng-A-T	37	chr16:17325250-17325350
chr16	17433650	17433750	1152-Lng-A-T	59	chr16:17433650-17433750
chr16	17712550	17712650	1065-Lng-A-T	47	chr16:17712550-17712650
chr16	17721450	17721550	1065-Lng-C-T	100	chr16:17721450-17721550
chr16	17771450	17771550	901-Lng-A-T	134	chr16:17771450-17771550
chr16	17823050	17823150	1151-Lng-A-T	59	chr16:17823050-17823150
chr16	17852250	17852350	901-Lng-C-T	125	chr16:17852250-17852350
chr16	17864850	17864950	1152-Lng-A-T	292	chr16:17864850-17864950
chr16	17882750	17882850	901-Lng-B-T	163	chr16:17882750-17882850
chr16	17887350	17887450	1167-Lng-A-T	61	chr16:17887350-17887450
chr16	17888750	17888850	1274-Lng-A-T	50	chr16:17888750-17888850
chr16	18253850	18253950	1065-Lng-C-T	95	chr16:18253850-18253950
chr16	18349250	18349350	1065-Lng-A-T	45	chr16:18349250-18349350
chr16	18394350	18394450	1167-Lng-A-T	89	chr16:18394350-18394450
chr16	18742550	18742650	1151-Lng-A-T	70	chr16:18742550-18742650
chr16	18929450	18929550	846-Lng-A-T	119	chr16:18929450-18929550
chr16	19088350	19088450	1274-Lng-A-T	49	chr16:19088350-19088450
chr16	19531050	19531150	1188-Lng-A-T	238	chr16:19531050-19531150
chr16	19626650	19626750	1090-Lng-A-T	74	chr16:19626650-19626750
chr16	19664250	19664350	1167-Lng-A-T	80	chr16:19664250-19664350
chr16	19759450	19759550	1188-Lng-A-T	35	chr16:19759450-19759550
chr16	20101250	20101350	901-Lng-B-T	84	chr16:20101250-20101350
chr16	20111050	20111150	1274-Lng-A-T	68	chr16:20111050-20111150
chr16	20135450	20135550	1100-Lng-A-T	65	chr16:20135450-20135550
chr16	20144350	20144450	1100-Lng-B-T	27404	chr16:20144350-20144450
chr16	20150350	20150450	1274-Lng-A-T	71	chr16:20150350-20150450
chr16	20411350	20411450	1151-Lng-A-T	54	chr16:20411350-20411450
chr16	20481350	20481450	1090-Lng-A-T	60	chr16:20481350-20481450
chr16	20518750	20518850	1167-Lng-A-T	88	chr16:20518750-20518850
chr16	20772650	20772750	1065-Lng-B-T	69	chr16:20772650-20772750
chr16	20841250	20841350	901-Lng-A-T	113	chr16:20841250-20841350
chr16	21224750	21224850	901-Lng-C-T	38	chr16:21224750-21224850
chr16	21641250	21641350	901-Lng-C-T	66	chr16:21641250-21641350
chr16	21792750	21792850	1223-Lng-B-T	35	chr16:21792750-21792850
chr16	21856950	21857050	901-Lng-A-T	310	chr16:21856950-21857050
chr16	21875750	21875850	1223-Lng-D-T	43	chr16:21875750-21875850
chr16	21934350	21934450	1188-Lng-A-T	52	chr16:21934350-21934450
chr16	21957450	21957550	1188-Lng-A-T	145	chr16:21957450-21957550
chr16	22004550	22004650	1100-Lng-A-T	59	chr16:22004550-22004650
chr16	22011250	22011350	1151-Lng-A-T	58	chr16:22011250-22011350
chr16	22030750	22030850	1090-Lng-A-T	318	chr16:22030750-22030850
chr16	22177850	22177950	1274-Lng-A-T	64	chr16:22177850-22177950
chr16	22243350	22243450	1152-Lng-A-T	155	chr16:22243350-22243450
chr16	22257850	22257950	1274-Lng-A-T	191	chr16:22257850-22257950

Table S2: SB Insertion regions

chr16	22388550	22388650	901-Lng-A-T	54	chr16:22388550-22388650
chr16	22398050	22398150	1274-Lng-A-T	262	chr16:22398050-22398150
chr16	22407050	22407150	1100-Lng-A-T	178	chr16:22407050-22407150
chr16	22412950	22413050	1065-Lng-B-T	55	chr16:22412950-22413050
chr16	22415450	22415550	1065-Lng-A-T	84	chr16:22415450-22415550
chr16	22695350	22695450	901-Lng-D-T	73	chr16:22695350-22695450
chr16	22847950	22848050	1065-Lng-B-T	65	chr16:22847950-22848050
chr16	22958250	22958350	1100-Lng-A-T	134	chr16:22958250-22958350
chr16	23068950	23069050	1072-Lng-A-T	78	chr16:23068950-23069050
chr16	23130850	23130950	1072-Lng-A-T	148	chr16:23130850-23130950
chr16	23324850	23324950	901-Lng-B-T	188	chr16:23324850-23324950
chr16	23327150	23327250	1065-Lng-B-T	58	chr16:23327150-23327250
chr16	23411850	23411950	1100-Lng-B-T	199	chr16:23411850-23411950
chr16	23441250	23441350	1065-Lng-B-T	58	chr16:23441250-23441350
chr16	23843050	23843150	1072-Lng-A-T	123	chr16:23843050-23843150
chr16	23967650	23967750	1151-Lng-A-T	203	chr16:23967650-23967750
chr16	24127050	24127150	846-Lng-A-T	190	chr16:24127050-24127150
chr16	24130550	24130650	901-Lng-B-T	74	chr16:24130550-24130650
chr16	24285750	24285850	1090-Lng-A-T	82	chr16:24285750-24285850
chr16	24333450	24333550	1167-Lng-A-T	56	chr16:24333450-24333550
chr16	24351150	24351250	1100-Lng-B-T	187	chr16:24351150-24351250
chr16	24380750	24380850	1072-Lng-A-T	66	chr16:24380750-24380850
chr16	24388950	24389050	1004-Lng-A-T	61	chr16:24388950-24389050
chr16	24435250	24435350	1100-Lng-A-T	82	chr16:24435250-24435350
chr16	24440650	24440750	901-Lng-C-T	30	chr16:24440650-24440750
chr16	24450350	24450450	901-Lng-A-T	75	chr16:24450350-24450450
chr16	24469350	24469450	1090-Lng-A-T	45	chr16:24469350-24469450
chr16	24515850	24515950	846-Lng-A-T	101	chr16:24515850-24515950
chr16	24543250	24543350	1167-Lng-A-T	55	chr16:24543250-24543350
chr16	24651450	24651550	1090-Lng-B-T	93	chr16:24651450-24651550
chr16	24680050	24680150	1223-Lng-D-T	84	chr16:24680050-24680150
chr16	24733250	24733350	1100-Lng-A-T	91	chr16:24733250-24733350
chr16	24756350	24756450	1151-Lng-A-T	480	chr16:24756350-24756450
chr16	24800050	24800150	1151-Lng-A-T	164	chr16:24800050-24800150
chr16	24801450	24801550	1274-Lng-A-T	138	chr16:24801450-24801550
chr16	24801550	24801650	1100-Lng-A-T	118	chr16:24801550-24801650
chr16	24805750	24805850	1274-Lng-A-T	88	chr16:24805750-24805850
chr16	24845550	24845650	1065-Lng-B-T	82	chr16:24845550-24845650
chr16	24883950	24884050	1090-Lng-A-T	70	chr16:24883950-24884050
chr16	24922450	24922550	1223-Lng-C-T	44	chr16:24922450-24922550
chr16	24941050	24941150	1065-Lng-C-T	63	chr16:24941050-24941150
chr16	24960050	24960150	1065-Lng-A-T	434	chr16:24960050-24960150
chr16	25292150	25292250	901-Lng-C-T	72	chr16:25292150-25292250
chr16	25391450	25391550	1072-Lng-A-T	103	chr16:25391450-25391550
chr16	25466050	25466150	1090-Lng-A-T	50	chr16:25466050-25466150
chr16	25721350	25721450	901-Lng-A-T	114	chr16:25721350-25721450

Table S2: SB Insertion regions

chr16	26103650	26103750	901-Lng-C-T	60	chr16:26103650-26103750
chr16	26356950	26357050	901-Lng-C-T	83	chr16:26356950-26357050
chr16	26460950	26461050	1090-Lng-A-T	131	chr16:26460950-26461050
chr16	26573750	26573850	1223-Lng-A-T	64	chr16:26573750-26573850
chr16	26610550	26610650	901-Lng-B-T	36	chr16:26610550-26610650
chr16	26669250	26669350	1274-Lng-A-T	180	chr16:26669250-26669350
chr16	26737450	26737550	1100-Lng-A-T	65	chr16:26737450-26737550
chr16	26824850	26824950	1274-Lng-A-T	57	chr16:26824850-26824950
chr16	26881350	26881450	1065-Lng-B-T	85	chr16:26881350-26881450
chr16	26987150	26987250	1223-Lng-B-T	515	chr16:26987150-26987250
chr16	27010750	27010850	1004-Lng-A-T	83	chr16:27010750-27010850
chr16	27179650	27179750	1274-Lng-A-T	77	chr16:27179650-27179750
chr16	27243650	27243750	1223-Lng-B-T	55	chr16:27243650-27243750
chr16	27394350	27394450	1065-Lng-B-T	53	chr16:27394350-27394450
chr16	27404850	27404950	1065-Lng-C-T	91	chr16:27404850-27404950
chr16	27843050	27843150	901-Lng-D-T	163	chr16:27843050-27843150
chr16	27974450	27974550	1065-Lng-B-T	59	chr16:27974450-27974550
chr16	28156350	28156450	1223-Lng-B-T	43	chr16:28156350-28156450
chr16	28367250	28367350	1065-Lng-C-T	100	chr16:28367250-28367350
chr16	28404550	28404650	846-Lng-A-T	287	chr16:28404550-28404650
chr16	28743150	28743250	1151-Lng-A-T	115	chr16:28743150-28743250
chr16	28759350	28759450	1167-Lng-A-T	77	chr16:28759350-28759450
chr16	28897250	28897350	1223-Lng-A-T	68	chr16:28897250-28897350
chr16	29139450	29139550	901-Lng-C-T	37	chr16:29139450-29139550
chr16	29190350	29190450	1065-Lng-C-T	70	chr16:29190350-29190450
chr16	29463250	29463350	1100-Lng-A-T	87	chr16:29463250-29463350
chr16	29468950	29469050	1004-Lng-A-T	59	chr16:29468950-29469050
chr16	29473450	29473550	1151-Lng-A-T	274	chr16:29473450-29473550
chr16	29596250	29596350	1151-Lng-A-T	68	chr16:29596250-29596350
chr16	29622650	29622750	1151-Lng-A-T	79	chr16:29622650-29622750
chr16	29650550	29650650	1004-Lng-A-T	109	chr16:29650550-29650650
chr16	29831350	29831450	1188-Lng-A-T	187	chr16:29831350-29831450
chr16	29872450	29872550	901-Lng-B-T	198	chr16:29872450-29872550
chr16	29898750	29898850	1100-Lng-A-T	75	chr16:29898750-29898850
chr16	29943050	29943150	1004-Lng-A-T	57	chr16:29943050-29943150
chr16	30127050	30127150	1274-Lng-A-T	57	chr16:30127050-30127150
chr16	30326950	30327050	1274-Lng-A-T	122	chr16:30326950-30327050
chr16	30332850	30332950	901-Lng-C-T	81	chr16:30332850-30332950
chr16	30334150	30334250	901-Lng-C-T	64	chr16:30334150-30334250
chr16	30339150	30339250	1223-Lng-B-T	37	chr16:30339150-30339250
chr16	30362850	30362950	846-Lng-A-T	131	chr16:30362850-30362950
chr16	30368050	30368150	1152-Lng-A-T	85	chr16:30368050-30368150
chr16	30378050	30378150	1151-Lng-A-T	144	chr16:30378050-30378150
chr16	30387650	30387750	1223-Lng-C-T	56	chr16:30387650-30387750
chr16	30416950	30417050	1065-Lng-C-T	1820	chr16:30416950-30417050
chr16	30436150	30436250	901-Lng-A-T	602	chr16:30436150-30436250

Table S2: SB Insertion regions

chr16	30565450	30565550	1151-Lng-A-T	179	chr16:30565450-30565550
chr16	30944850	30944950	1274-Lng-A-T	98	chr16:30944850-30944950
chr16	30953050	30953150	1223-Lng-A-T	164	chr16:30953050-30953150
chr16	30995450	30995550	901-Lng-B-T	145	chr16:30995450-30995550
chr16	31077950	31078050	1090-Lng-B-T	725	chr16:31077950-31078050
chr16	31117750	31117850	1274-Lng-A-T	71	chr16:31117750-31117850
chr16	31166350	31166450	1100-Lng-A-T	89	chr16:31166350-31166450
chr16	31672750	31672850	1152-Lng-A-T	113	chr16:31672750-31672850
chr16	31687850	31687950	1100-Lng-A-T	81	chr16:31687850-31687950
chr16	31759350	31759450	901-Lng-B-T	125	chr16:31759350-31759450
chr16	31779150	31779250	1004-Lng-A-T	385	chr16:31779150-31779250
chr16	31799250	31799350	1004-Lng-A-T	136	chr16:31799250-31799350
chr16	31827350	31827450	1100-Lng-A-T	117	chr16:31827350-31827450
chr16	32027850	32027950	901-Lng-B-T	84	chr16:32027850-32027950
chr16	32034050	32034150	1065-Lng-A-T	123	chr16:32034050-32034150
chr16	32107550	32107650	1065-Lng-B-T	234	chr16:32107550-32107650
chr16	32203050	32203150	1065-Lng-B-T	45	chr16:32203050-32203150
chr16	32372950	32373050	1223-Lng-B-T	67	chr16:32372950-32373050
chr16	32389050	32389150	1167-Lng-A-T	303	chr16:32389050-32389150
chr16	32440650	32440750	1274-Lng-A-T	203	chr16:32440650-32440750
chr16	32479550	32479650	1065-Lng-C-T	289	chr16:32479550-32479650
chr16	32480350	32480450	1004-Lng-A-T	50	chr16:32480350-32480450
chr16	32645450	32645550	1100-Lng-A-T	102	chr16:32645450-32645550
chr16	32735850	32735950	1065-Lng-C-T	4132	chr16:32735850-32735950
chr16	32823450	32823550	901-Lng-B-T	232	chr16:32823450-32823550
chr16	32880450	32880550	1152-Lng-A-T	100	chr16:32880450-32880550
chr16	32893950	32894050	846-Lng-A-T	107	chr16:32893950-32894050
chr16	32915550	32915650	1223-Lng-A-T	571	chr16:32915550-32915650
chr16	32967650	32967750	1223-Lng-B-T	142	chr16:32967650-32967750
chr16	33193950	33194050	1167-Lng-A-T	288	chr16:33193950-33194050
chr16	33230850	33230950	1072-Lng-A-T	84	chr16:33230850-33230950
chr16	33299650	33299750	901-Lng-B-T	120	chr16:33299650-33299750
chr16	33415850	33415950	1167-Lng-A-T	118	chr16:33415850-33415950
chr16	33432350	33432450	1167-Lng-A-T	47	chr16:33432350-33432450
chr16	33439850	33439950	1223-Lng-A-T	68	chr16:33439850-33439950
chr16	33446350	33446450	901-Lng-A-T	709	chr16:33446350-33446450
chr16	33450150	33450250	1274-Lng-A-T	187	chr16:33450150-33450250
chr16	33450350	33450450	1223-Lng-B-T	119	chr16:33450350-33450450
chr16	33470150	33470250	1151-Lng-A-T	1465	chr16:33470150-33470250
chr16	33485950	33486050	1065-Lng-B-T	56	chr16:33485950-33486050
chr16	33527950	33528050	1223-Lng-B-T	90	chr16:33527950-33528050
chr16	34611750	34611850	1065-Lng-A-T	71	chr16:34611750-34611850
chr16	34695850	34695950	1065-Lng-B-T	71	chr16:34695850-34695950
chr16	34741750	34741850	901-Lng-A-T	61	chr16:34741750-34741850
chr16	34858350	34858450	1065-Lng-B-T	59	chr16:34858350-34858450
chr16	35359150	35359250	1167-Lng-A-T	635	chr16:35359150-35359250

Table S2: SB Insertion regions

chr16	35569950	35570050	1274-Lng-A-T	240	chr16:35569950-35570050
chr16	35781550	35781650	1090-Lng-A-T	701	chr16:35781550-35781650
chr16	35791050	35791150	1090-Lng-B-T	701	chr16:35791050-35791150
chr16	35945250	35945350	1151-Lng-A-T	212	chr16:35945250-35945350
chr16	35985350	35985450	901-Lng-B-T	125	chr16:35985350-35985450
chr16	35986750	35986850	1004-Lng-A-T	676	chr16:35986750-35986850
chr16	36008150	36008250	1004-Lng-A-T	62	chr16:36008150-36008250
chr16	36013350	36013450	1100-Lng-A-T	55	chr16:36013350-36013450
chr16	36017650	36017750	901-Lng-C-T	33	chr16:36017650-36017750
chr16	36293950	36294050	1004-Lng-A-T	60	chr16:36293950-36294050
chr16	36306550	36306650	1223-Lng-A-T	234	chr16:36306550-36306650
chr16	36380850	36380950	1152-Lng-A-T	410	chr16:36380850-36380950
chr16	36544050	36544150	1072-Lng-A-T	55	chr16:36544050-36544150
chr16	36738250	36738350	1065-Lng-A-T	128	chr16:36738250-36738350
chr16	36884350	36884450	1090-Lng-A-T	46	chr16:36884350-36884450
chr16	36935250	36935350	1090-Lng-A-T	627	chr16:36935250-36935350
chr16	37080050	37080150	846-Lng-A-T	117	chr16:37080050-37080150
chr16	37158350	37158450	901-Lng-A-T	107	chr16:37158350-37158450
chr16	37523250	37523350	1065-Lng-C-T	1868	chr16:37523250-37523350
chr16	37546150	37546250	1065-Lng-B-T	45	chr16:37546150-37546250
chr16	37552850	37552950	1065-Lng-A-T	70	chr16:37552850-37552950
chr16	37556950	37557050	1223-Lng-A-T	56	chr16:37556950-37557050
chr16	37692450	37692550	901-Lng-C-T	74	chr16:37692450-37692550
chr16	37759250	37759350	1004-Lng-A-T	358	chr16:37759250-37759350
chr16	37832550	37832650	1223-Lng-C-T	50	chr16:37832550-37832650
chr16	37890750	37890850	1004-Lng-A-T	98	chr16:37890750-37890850
chr16	37975550	37975650	1188-Lng-A-T	47	chr16:37975550-37975650
chr16	38106350	38106450	1223-Lng-A-T	112	chr16:38106350-38106450
chr16	38115550	38115650	1151-Lng-A-T	60	chr16:38115550-38115650
chr16	38141850	38141950	1065-Lng-A-T	116	chr16:38141850-38141950
chr16	38150150	38150250	1152-Lng-A-T	48	chr16:38150150-38150250
chr16	38197450	38197550	901-Lng-C-T	29	chr16:38197450-38197550
chr16	38209050	38209150	1223-Lng-D-T	49	chr16:38209050-38209150
chr16	38213850	38213950	901-Lng-B-T	204	chr16:38213850-38213950
chr16	38218350	38218450	1004-Lng-A-T	108	chr16:38218350-38218450
chr16	38218450	38218550	1090-Lng-A-T	83	chr16:38218450-38218550
chr16	38225350	38225450	1004-Lng-A-T	89	chr16:38225350-38225450
chr16	38235150	38235250	1223-Lng-B-T	126	chr16:38235150-38235250
chr16	38293250	38293350	1072-Lng-A-T	72	chr16:38293250-38293350
chr16	38519550	38519650	1090-Lng-B-T	477	chr16:38519550-38519650
chr16	38524350	38524450	1223-Lng-A-T	216	chr16:38524350-38524450
chr16	38538750	38538850	1072-Lng-A-T	63	chr16:38538750-38538850
chr16	38565850	38565950	1223-Lng-B-T	64	chr16:38565850-38565950
chr16	38570450	38570550	901-Lng-B-T	162	chr16:38570450-38570550
chr16	38574250	38574350	901-Lng-C-T	220	chr16:38574250-38574350
chr16	38583450	38583550	1223-Lng-B-T	35	chr16:38583450-38583550

Table S2: SB Insertion regions

chr16	38589550	38589650	1167-Lng-A-T	406	chr16:38589550-38589650
chr16	38631450	38631550	1274-Lng-A-T	55	chr16:38631450-38631550
chr16	38696650	38696750	1151-Lng-A-T	178	chr16:38696650-38696750
chr16	39034950	39035050	1004-Lng-A-T	97	chr16:39034950-39035050
chr16	39074950	39075050	1004-Lng-A-T	105	chr16:39074950-39075050
chr16	39187550	39187650	1065-Lng-C-T	63	chr16:39187550-39187650
chr16	39350150	39350250	901-Lng-D-T	172	chr16:39350150-39350250
chr16	39408350	39408450	901-Lng-D-T	198	chr16:39408350-39408450
chr16	39589950	39590050	1188-Lng-A-T	45	chr16:39589950-39590050
chr16	39971250	39971350	1223-Lng-B-T	48	chr16:39971250-39971350
chr16	40076650	40076750	1223-Lng-A-T	312	chr16:40076650-40076750
chr16	40107450	40107550	1065-Lng-B-T	65	chr16:40107450-40107550
chr16	40142550	40142650	901-Lng-D-T	174	chr16:40142550-40142650
chr16	40394650	40394750	1004-Lng-A-T	64	chr16:40394650-40394750
chr16	40535450	40535550	846-Lng-A-T	92	chr16:40535450-40535550
chr16	40536650	40536750	1065-Lng-B-T	53	chr16:40536650-40536750
chr16	40707250	40707350	1090-Lng-A-T	642	chr16:40707250-40707350
chr16	40757050	40757150	1167-Lng-A-T	53	chr16:40757050-40757150
chr16	40802850	40802950	901-Lng-B-T	179	chr16:40802850-40802950
chr16	41115450	41115550	846-Lng-A-T	53	chr16:41115450-41115550
chr16	41225350	41225450	901-Lng-D-T	170	chr16:41225350-41225450
chr16	41288050	41288150	1090-Lng-A-T	94	chr16:41288050-41288150
chr16	41624850	41624950	901-Lng-C-T	39	chr16:41624850-41624950
chr16	41681950	41682050	1223-Lng-C-T	62	chr16:41681950-41682050
chr16	41777450	41777550	901-Lng-C-T	71	chr16:41777450-41777550
chr16	41886050	41886150	1004-Lng-A-T	501	chr16:41886050-41886150
chr16	41943150	41943250	901-Lng-A-T	66	chr16:41943150-41943250
chr16	42078450	42078550	901-Lng-A-T	80	chr16:42078450-42078550
chr16	42158050	42158150	1223-Lng-A-T	63	chr16:42158050-42158150
chr16	42474650	42474750	901-Lng-C-T	65	chr16:42474650-42474750
chr16	42522350	42522450	1152-Lng-A-T	46	chr16:42522350-42522450
chr16	42756950	42757050	1065-Lng-C-T	97	chr16:42756950-42757050
chr16	42827850	42827950	901-Lng-C-T	62	chr16:42827850-42827950
chr16	42948350	42948450	846-Lng-A-T	87	chr16:42948350-42948450
chr16	43023250	43023350	1223-Lng-C-T	47	chr16:43023250-43023350
chr16	43060650	43060750	901-Lng-A-T	447	chr16:43060650-43060750
chr16	43084750	43084850	1090-Lng-A-T	100	chr16:43084750-43084850
chr16	43103750	43103850	846-Lng-A-T	78	chr16:43103750-43103850
chr16	43130750	43130850	1152-Lng-A-T	36	chr16:43130750-43130850
chr16	43145550	43145650	901-Lng-B-T	112	chr16:43145550-43145650
chr16	43163650	43163750	1167-Lng-A-T	50	chr16:43163650-43163750
chr16	43179650	43179750	846-Lng-A-T	142	chr16:43179650-43179750
chr16	43240950	43241050	1090-Lng-A-T	48	chr16:43240950-43241050
chr16	43254250	43254350	846-Lng-A-T	106	chr16:43254250-43254350
chr16	43260650	43260750	1065-Lng-C-T	70	chr16:43260650-43260750
chr16	43286750	43286850	1223-Lng-B-T	48	chr16:43286750-43286850

Table S2: SB Insertion regions

chr16	43306850	43306950	1223-Lng-C-T	46	chr16:43306850-43306950
chr16	43321750	43321850	1274-Lng-A-T	189	chr16:43321750-43321850
chr16	43343850	43343950	1090-Lng-A-T	66	chr16:43343850-43343950
chr16	43356550	43356650	1065-Lng-B-T	69	chr16:43356550-43356650
chr16	43389050	43389150	1152-Lng-A-T	99	chr16:43389050-43389150
chr16	43443150	43443250	1223-Lng-A-T	51	chr16:43443150-43443250
chr16	43480650	43480750	1004-Lng-A-T	50	chr16:43480650-43480750
chr16	43480950	43481050	1090-Lng-A-T	55	chr16:43480950-43481050
chr16	43543050	43543150	1100-Lng-A-T	114	chr16:43543050-43543150
chr16	43544750	43544850	901-Lng-B-T	91	chr16:43544750-43544850
chr16	43557050	43557150	1152-Lng-A-T	64	chr16:43557050-43557150
chr16	43589150	43589250	1223-Lng-C-T	45	chr16:43589150-43589250
chr16	43592250	43592350	901-Lng-A-T	58	chr16:43592250-43592350
chr16	43630750	43630850	1223-Lng-D-T	91	chr16:43630750-43630850
chr16	43643150	43643250	901-Lng-C-T	34	chr16:43643150-43643250
chr16	43809750	43809850	1223-Lng-B-T	288	chr16:43809750-43809850
chr16	44077050	44077150	1152-Lng-A-T	58	chr16:44077050-44077150
chr16	44095250	44095350	1004-Lng-A-T	76	chr16:44095250-44095350
chr16	44112450	44112550	1004-Lng-A-T	168	chr16:44112450-44112550
chr16	44120750	44120850	901-Lng-C-T	34	chr16:44120750-44120850
chr16	44133650	44133750	1004-Lng-A-T	55	chr16:44133650-44133750
chr16	44134550	44134650	1090-Lng-A-T	78	chr16:44134550-44134650
chr16	44187350	44187450	901-Lng-B-T	131	chr16:44187350-44187450
chr16	44198950	44199050	1100-Lng-A-T	51	chr16:44198950-44199050
chr16	44201150	44201250	1100-Lng-A-T	65	chr16:44201150-44201250
chr16	44201150	44201250	1004-Lng-A-T	55	chr16:44201150-44201250
chr16	44353950	44354050	901-Lng-A-T	91	chr16:44353950-44354050
chr16	44419450	44419550	1188-Lng-A-T	45	chr16:44419450-44419550
chr16	44460750	44460850	901-Lng-A-T	147	chr16:44460750-44460850
chr16	44685650	44685750	901-Lng-C-T	56	chr16:44685650-44685750
chr16	44738850	44738950	1065-Lng-A-T	64	chr16:44738850-44738950
chr16	44763450	44763550	901-Lng-C-T	57	chr16:44763450-44763550
chr16	45177150	45177250	1223-Lng-B-T	117	chr16:45177150-45177250
chr16	45374150	45374250	1065-Lng-C-T	65	chr16:45374150-45374250
chr16	45386950	45387050	1188-Lng-A-T	39	chr16:45386950-45387050
chr16	45401650	45401750	1152-Lng-A-T	32	chr16:45401650-45401750
chr16	45421950	45422050	1223-Lng-B-T	46	chr16:45421950-45422050
chr16	45450750	45450850	1090-Lng-A-T	85	chr16:45450750-45450850
chr16	45634350	45634450	1072-Lng-A-T	164	chr16:45634350-45634450
chr16	45698150	45698250	1090-Lng-A-T	53	chr16:45698150-45698250
chr16	45730250	45730350	1065-Lng-B-T	52	chr16:45730250-45730350
chr16	45769350	45769450	1100-Lng-A-T	65	chr16:45769350-45769450
chr16	45769750	45769850	1100-Lng-B-T	28479	chr16:45769750-45769850
chr16	45770250	45770350	1100-Lng-A-T	120	chr16:45770250-45770350
chr16	45797850	45797950	1223-Lng-D-T	41	chr16:45797850-45797950
chr16	45803550	45803650	901-Lng-B-T	72	chr16:45803550-45803650

Table S2: SB Insertion regions

chr16	45804250	45804350	1151-Lng-A-T	16137	chr16:45804250-45804350
chr16	45841850	45841950	1167-Lng-A-T	142	chr16:45841850-45841950
chr16	45863950	45864050	1223-Lng-B-T	40	chr16:45863950-45864050
chr16	46460150	46460250	1223-Lng-D-T	46	chr16:46460150-46460250
chr16	46491150	46491250	1072-Lng-A-T	146	chr16:46491150-46491250
chr16	46574050	46574150	1151-Lng-A-T	56	chr16:46574050-46574150
chr16	46658550	46658650	1151-Lng-A-T	87	chr16:46658550-46658650
chr16	46658650	46658750	846-Lng-A-T	156	chr16:46658650-46658750
chr16	46695350	46695450	1065-Lng-B-T	72	chr16:46695350-46695450
chr16	46807650	46807750	1090-Lng-A-T	100	chr16:46807650-46807750
chr16	46908250	46908350	1065-Lng-B-T	49	chr16:46908250-46908350
chr16	47085650	47085750	1151-Lng-A-T	276	chr16:47085650-47085750
chr16	47126150	47126250	1065-Lng-B-T	82	chr16:47126150-47126250
chr16	47129850	47129950	901-Lng-C-T	59	chr16:47129850-47129950
chr16	47158750	47158850	1072-Lng-A-T	64	chr16:47158750-47158850
chr16	47325550	47325650	901-Lng-D-T	295	chr16:47325550-47325650
chr16	47371950	47372050	901-Lng-C-T	35	chr16:47371950-47372050
chr16	47418650	47418750	1004-Lng-A-T	73	chr16:47418650-47418750
chr16	47486550	47486650	1090-Lng-A-T	51	chr16:47486550-47486650
chr16	47673950	47674050	1072-Lng-A-T	48	chr16:47673950-47674050
chr16	47766950	47767050	1065-Lng-C-T	117	chr16:47766950-47767050
chr16	47805150	47805250	901-Lng-D-T	95	chr16:47805150-47805250
chr16	48072950	48073050	1167-Lng-A-T	72	chr16:48072950-48073050
chr16	48869050	48869150	1090-Lng-A-T	122	chr16:48869050-48869150
chr16	48991650	48991750	1223-Lng-B-T	99	chr16:48991650-48991750
chr16	49136450	49136550	846-Lng-A-T	1330	chr16:49136450-49136550
chr16	49384350	49384450	901-Lng-B-T	199	chr16:49384350-49384450
chr16	49396250	49396350	1274-Lng-A-T	71	chr16:49396250-49396350
chr16	49791950	49792050	1065-Lng-C-T	66	chr16:49791950-49792050
chr16	49833350	49833450	1274-Lng-A-T	73	chr16:49833350-49833450
chr16	49874250	49874350	901-Lng-A-T	106	chr16:49874250-49874350
chr16	49880850	49880950	901-Lng-B-T	287	chr16:49880850-49880950
chr16	49892050	49892150	901-Lng-B-T	120	chr16:49892050-49892150
chr16	49984750	49984850	846-Lng-A-T	701	chr16:49984750-49984850
chr16	50074150	50074250	1223-Lng-D-T	41	chr16:50074150-50074250
chr16	50248950	50249050	901-Lng-C-T	65	chr16:50248950-50249050
chr16	50281750	50281850	1065-Lng-A-T	50	chr16:50281750-50281850
chr16	50282950	50283050	901-Lng-B-T	85	chr16:50282950-50283050
chr16	50291350	50291450	1065-Lng-B-T	52	chr16:50291350-50291450
chr16	50316750	50316850	1188-Lng-A-T	59	chr16:50316750-50316850
chr16	50347350	50347450	1072-Lng-A-T	87	chr16:50347350-50347450
chr16	50422250	50422350	1072-Lng-A-T	82	chr16:50422250-50422350
chr16	50425650	50425750	1065-Lng-A-T	64	chr16:50425650-50425750
chr16	50504150	50504250	1223-Lng-C-T	43	chr16:50504150-50504250
chr16	50505650	50505750	1004-Lng-A-T	50	chr16:50505650-50505750
chr16	50807550	50807650	901-Lng-A-T	209	chr16:50807550-50807650

Table S2: SB Insertion regions

chr16	50812750	50812850	1065-Lng-B-T	39	chr16:50812750-50812850
chr16	51063350	51063450	1274-Lng-A-T	79	chr16:51063350-51063450
chr16	51075350	51075450	901-Lng-A-T	173	chr16:51075350-51075450
chr16	51117650	51117750	901-Lng-C-T	75	chr16:51117650-51117750
chr16	51337150	51337250	1065-Lng-B-T	61	chr16:51337150-51337250
chr16	51477450	51477550	1090-Lng-B-T	280	chr16:51477450-51477550
chr16	51651250	51651350	1065-Lng-B-T	55	chr16:51651250-51651350
chr16	51737750	51737850	1065-Lng-B-T	332	chr16:51737750-51737850
chr16	51885650	51885750	1151-Lng-A-T	70	chr16:51885650-51885750
chr16	52009750	52009850	1223-Lng-C-T	52	chr16:52009750-52009850
chr16	52015850	52015950	901-Lng-B-T	166	chr16:52015850-52015950
chr16	52045250	52045350	1065-Lng-B-T	42	chr16:52045250-52045350
chr16	52082050	52082150	1100-Lng-A-T	55	chr16:52082050-52082150
chr16	52123750	52123850	901-Lng-C-T	46	chr16:52123750-52123850
chr16	52142650	52142750	901-Lng-C-T	181	chr16:52142650-52142750
chr16	52145150	52145250	1090-Lng-A-T	58	chr16:52145150-52145250
chr16	52146450	52146550	901-Lng-B-T	68	chr16:52146450-52146550
chr16	52150950	52151050	1274-Lng-A-T	71	chr16:52150950-52151050
chr16	52161450	52161550	1065-Lng-A-T	72	chr16:52161450-52161550
chr16	52258450	52258550	1100-Lng-A-T	59	chr16:52258450-52258550
chr16	52267350	52267450	1065-Lng-A-T	61	chr16:52267350-52267450
chr16	52279850	52279950	1100-Lng-A-T	100	chr16:52279850-52279950
chr16	52294950	52295050	1188-Lng-A-T	36	chr16:52294950-52295050
chr16	52299050	52299150	846-Lng-A-T	205	chr16:52299050-52299150
chr16	52316950	52317050	846-Lng-A-T	127	chr16:52316950-52317050
chr16	52324550	52324650	1188-Lng-A-T	39	chr16:52324550-52324650
chr16	52341050	52341150	1223-Lng-A-T	66	chr16:52341050-52341150
chr16	52361650	52361750	1151-Lng-A-T	139	chr16:52361650-52361750
chr16	52364450	52364550	901-Lng-A-T	72	chr16:52364450-52364550
chr16	52402650	52402750	1090-Lng-A-T	54	chr16:52402650-52402750
chr16	52438250	52438350	1223-Lng-D-T	62	chr16:52438250-52438350
chr16	52703850	52703950	1223-Lng-D-T	89	chr16:52703850-52703950
chr16	53056350	53056450	1065-Lng-A-T	109	chr16:53056350-53056450
chr16	53069550	53069650	1065-Lng-A-T	68	chr16:53069550-53069650
chr16	53152350	53152450	1004-Lng-A-T	79	chr16:53152350-53152450
chr16	53189850	53189950	846-Lng-A-T	193	chr16:53189850-53189950
chr16	53543850	53543950	1072-Lng-A-T	83	chr16:53543850-53543950
chr16	53624250	53624350	1065-Lng-C-T	66	chr16:53624250-53624350
chr16	53793850	53793950	1223-Lng-A-T	163	chr16:53793850-53793950
chr16	53931450	53931550	1065-Lng-B-T	45	chr16:53931450-53931550
chr16	54197050	54197150	1223-Lng-B-T	40	chr16:54197050-54197150
chr16	54417850	54417950	846-Lng-A-T	121	chr16:54417850-54417950
chr16	54709050	54709150	901-Lng-A-T	105	chr16:54709050-54709150
chr16	54790550	54790650	846-Lng-A-T	45	chr16:54790550-54790650
chr16	54804450	54804550	1072-Lng-A-T	53	chr16:54804450-54804550
chr16	55036450	55036550	901-Lng-C-T	83	chr16:55036450-55036550

Table S2: SB Insertion regions

chr16	55043850	55043950	1274-Lng-A-T	99	chr16:55043850-55043950
chr16	55321250	55321350	1090-Lng-B-T	1124	chr16:55321250-55321350
chr16	55347750	55347850	1100-Lng-B-T	50	chr16:55347750-55347850
chr16	55350750	55350850	1223-Lng-C-T	44	chr16:55350750-55350850
chr16	55576550	55576650	1167-Lng-A-T	170	chr16:55576550-55576650
chr16	55661750	55661850	1090-Lng-A-T	75	chr16:55661750-55661850
chr16	55692850	55692950	1072-Lng-A-T	82	chr16:55692850-55692950
chr16	55707350	55707450	901-Lng-A-T	76	chr16:55707350-55707450
chr16	55811950	55812050	1152-Lng-A-T	41	chr16:55811950-55812050
chr16	55838250	55838350	1004-Lng-A-T	93	chr16:55838250-55838350
chr16	55847850	55847950	1090-Lng-A-T	45	chr16:55847850-55847950
chr16	55850450	55850550	901-Lng-D-T	314	chr16:55850450-55850550
chr16	55972050	55972150	1090-Lng-B-T	324	chr16:55972050-55972150
chr16	55973350	55973450	1100-Lng-A-T	257	chr16:55973350-55973450
chr16	55983350	55983450	1223-Lng-D-T	49	chr16:55983350-55983450
chr16	56008250	56008350	1151-Lng-A-T	692	chr16:56008250-56008350
chr16	56032350	56032450	1065-Lng-C-T	94	chr16:56032350-56032450
chr16	56081650	56081750	1151-Lng-A-T	79	chr16:56081650-56081750
chr16	56108150	56108250	901-Lng-A-T	66	chr16:56108150-56108250
chr16	56133550	56133650	901-Lng-B-T	138	chr16:56133550-56133650
chr16	56147150	56147250	1090-Lng-A-T	66	chr16:56147150-56147250
chr16	56392850	56392950	901-Lng-A-T	384	chr16:56392850-56392950
chr16	56399050	56399150	901-Lng-D-T	139	chr16:56399050-56399150
chr16	56698150	56698250	1090-Lng-A-T	53	chr16:56698150-56698250
chr16	56705650	56705750	1167-Lng-A-T	46	chr16:56705650-56705750
chr16	57127750	57127850	1090-Lng-A-T	65	chr16:57127750-57127850
chr16	57128150	57128250	1065-Lng-C-T	84	chr16:57128150-57128250
chr16	57131050	57131150	1223-Lng-D-T	51	chr16:57131050-57131150
chr16	57131550	57131650	1090-Lng-A-T	76	chr16:57131550-57131650
chr16	57159050	57159150	901-Lng-A-T	105	chr16:57159050-57159150
chr16	57176950	57177050	1223-Lng-D-T	46	chr16:57176950-57177050
chr16	57225250	57225350	1223-Lng-C-T	61	chr16:57225250-57225350
chr16	57248650	57248750	901-Lng-B-T	111	chr16:57248650-57248750
chr16	57392850	57392950	1072-Lng-A-T	56	chr16:57392850-57392950
chr16	57398950	57399050	1100-Lng-A-T	147	chr16:57398950-57399050
chr16	57570950	57571050	1100-Lng-A-T	63	chr16:57570950-57571050
chr16	57692250	57692350	1152-Lng-A-T	34	chr16:57692250-57692350
chr16	57879650	57879750	1065-Lng-B-T	59	chr16:57879650-57879750
chr16	57917550	57917650	1072-Lng-A-T	105	chr16:57917550-57917650
chr16	58136550	58136650	901-Lng-A-T	62	chr16:58136550-58136650
chr16	58432350	58432450	1065-Lng-B-T	161	chr16:58432350-58432450
chr16	58482650	58482750	1223-Lng-B-T	110	chr16:58482650-58482750
chr16	58487450	58487550	1223-Lng-B-T	196	chr16:58487450-58487550
chr16	58493750	58493850	1090-Lng-A-T	83	chr16:58493750-58493850
chr16	58499950	58500050	1065-Lng-A-T	66	chr16:58499950-58500050
chr16	58574650	58574750	901-Lng-D-T	301	chr16:58574650-58574750

Table S2: SB Insertion regions

chr16	58725150	58725250	1065-Lng-C-T	80	chr16:58725150-58725250
chr16	58822250	58822350	1065-Lng-B-T	44	chr16:58822250-58822350
chr16	59487650	59487750	1004-Lng-A-T	67	chr16:59487650-59487750
chr16	59666650	59666750	1065-Lng-A-T	63	chr16:59666650-59666750
chr16	59717150	59717250	901-Lng-A-T	122	chr16:59717150-59717250
chr16	60208350	60208450	1167-Lng-A-T	58	chr16:60208350-60208450
chr16	60465750	60465850	1090-Lng-A-T	129	chr16:60465750-60465850
chr16	60497850	60497950	1065-Lng-C-T	95	chr16:60497850-60497950
chr16	60589450	60589550	1223-Lng-D-T	50	chr16:60589450-60589550
chr16	60648850	60648950	846-Lng-A-T	172	chr16:60648850-60648950
chr16	60916250	60916350	1152-Lng-A-T	126	chr16:60916250-60916350
chr16	60986950	60987050	901-Lng-C-T	51	chr16:60986950-60987050
chr16	61143550	61143650	1072-Lng-A-T	60	chr16:61143550-61143650
chr16	61350550	61350650	1223-Lng-B-T	44	chr16:61350550-61350650
chr16	61358750	61358850	901-Lng-A-T	96	chr16:61358750-61358850
chr16	61483750	61483850	901-Lng-A-T	178	chr16:61483750-61483850
chr16	61628650	61628750	1072-Lng-A-T	135	chr16:61628650-61628750
chr16	61651750	61651850	901-Lng-A-T	61	chr16:61651750-61651850
chr16	61687450	61687550	1065-Lng-A-T	34	chr16:61687450-61687550
chr16	61729450	61729550	901-Lng-B-T	73	chr16:61729450-61729550
chr16	61751950	61752050	1090-Lng-A-T	46	chr16:61751950-61752050
chr16	61765350	61765450	1065-Lng-C-T	64	chr16:61765350-61765450
chr16	61793550	61793650	901-Lng-C-T	30	chr16:61793550-61793650
chr16	61811750	61811850	1004-Lng-A-T	51	chr16:61811750-61811850
chr16	61824250	61824350	1072-Lng-A-T	165	chr16:61824250-61824350
chr16	61966750	61966850	1004-Lng-A-T	51	chr16:61966750-61966850
chr16	62041250	62041350	1004-Lng-A-T	58	chr16:62041250-62041350
chr16	62122050	62122150	1072-Lng-A-T	50	chr16:62122050-62122150
chr16	62183250	62183350	901-Lng-A-T	225	chr16:62183250-62183350
chr16	62221550	62221650	901-Lng-A-T	103	chr16:62221550-62221650
chr16	62241950	62242050	1065-Lng-C-T	81	chr16:62241950-62242050
chr16	62338050	62338150	1223-Lng-C-T	50	chr16:62338050-62338150
chr16	62513750	62513850	1004-Lng-A-T	80	chr16:62513750-62513850
chr16	62674950	62675050	901-Lng-A-T	182	chr16:62674950-62675050
chr16	62702750	62702850	1065-Lng-B-T	81	chr16:62702750-62702850
chr16	62725850	62725950	1065-Lng-B-T	75	chr16:62725850-62725950
chr16	62768550	62768650	1223-Lng-A-T	195	chr16:62768550-62768650
chr16	62776950	62777050	1004-Lng-A-T	95	chr16:62776950-62777050
chr16	62796350	62796450	901-Lng-C-T	35	chr16:62796350-62796450
chr16	62808650	62808750	1065-Lng-B-T	62	chr16:62808650-62808750
chr16	62833950	62834050	901-Lng-D-T	292	chr16:62833950-62834050
chr16	62835450	62835550	1090-Lng-B-T	230	chr16:62835450-62835550
chr16	62910550	62910650	901-Lng-D-T	204	chr16:62910550-62910650
chr16	63085450	63085550	901-Lng-C-T	118	chr16:63085450-63085550
chr16	63176750	63176850	1223-Lng-B-T	40	chr16:63176750-63176850
chr16	63186350	63186450	1065-Lng-B-T	47	chr16:63186350-63186450

Table S2: SB Insertion regions

chr16	63204350	63204450	901-Lng-C-T	193	chr16:63204350-63204450
chr16	63208050	63208150	846-Lng-A-T	127	chr16:63208050-63208150
chr16	63265450	63265550	1223-Lng-B-T	60	chr16:63265450-63265550
chr16	63339950	63340050	1223-Lng-B-T	41	chr16:63339950-63340050
chr16	63504250	63504350	1090-Lng-A-T	44	chr16:63504250-63504350
chr16	63554050	63554150	1004-Lng-A-T	74	chr16:63554050-63554150
chr16	63674350	63674450	1065-Lng-B-T	105	chr16:63674350-63674450
chr16	63753150	63753250	1100-Lng-A-T	56	chr16:63753150-63753250
chr16	63822550	63822650	901-Lng-B-T	186	chr16:63822550-63822650
chr16	63892250	63892350	1065-Lng-C-T	70	chr16:63892250-63892350
chr16	63894650	63894750	1274-Lng-A-T	63	chr16:63894650-63894750
chr16	63917750	63917850	901-Lng-A-T	138	chr16:63917750-63917850
chr16	63956850	63956950	1223-Lng-A-T	114	chr16:63956850-63956950
chr16	63982550	63982650	1100-Lng-B-T	51	chr16:63982550-63982650
chr16	64081350	64081450	901-Lng-D-T	325	chr16:64081350-64081450
chr16	64143950	64144050	1188-Lng-A-T	430	chr16:64143950-64144050
chr16	64294050	64294150	901-Lng-C-T	80	chr16:64294050-64294150
chr16	64300750	64300850	1065-Lng-B-T	104	chr16:64300750-64300850
chr16	64301650	64301750	1072-Lng-A-T	66	chr16:64301650-64301750
chr16	64503750	64503850	1223-Lng-C-T	55	chr16:64503750-64503850
chr16	64768650	64768750	1065-Lng-B-T	75	chr16:64768650-64768750
chr16	64816850	64816950	1223-Lng-C-T	45	chr16:64816850-64816950
chr16	64825550	64825650	1223-Lng-B-T	353	chr16:64825550-64825650
chr16	64840350	64840450	1090-Lng-A-T	104	chr16:64840350-64840450
chr16	64943650	64943750	901-Lng-B-T	36	chr16:64943650-64943750
chr16	64963750	64963850	1065-Lng-A-T	38	chr16:64963750-64963850
chr16	65304150	65304250	1004-Lng-A-T	54	chr16:65304150-65304250
chr16	65444350	65444450	1274-Lng-A-T	185	chr16:65444350-65444450
chr16	65499250	65499350	1065-Lng-C-T	1891	chr16:65499250-65499350
chr16	65546550	65546650	1223-Lng-B-T	35	chr16:65546550-65546650
chr16	65567150	65567250	901-Lng-B-T	48	chr16:65567150-65567250
chr16	65718350	65718450	1090-Lng-A-T	63	chr16:65718350-65718450
chr16	65735050	65735150	1090-Lng-A-T	119	chr16:65735050-65735150
chr16	65837550	65837650	1223-Lng-B-T	225	chr16:65837550-65837650
chr16	65987850	65987950	846-Lng-A-T	51	chr16:65987850-65987950
chr16	66197850	66197950	1223-Lng-D-T	41	chr16:66197850-66197950
chr16	66348150	66348250	1223-Lng-B-T	189	chr16:66348150-66348250
chr16	66410650	66410750	901-Lng-C-T	125	chr16:66410650-66410750
chr16	66787350	66787450	1274-Lng-A-T	73	chr16:66787350-66787450
chr16	66879950	66880050	1223-Lng-A-T	68	chr16:66879950-66880050
chr16	66921350	66921450	1065-Lng-A-T	71	chr16:66921350-66921450
chr16	66945150	66945250	901-Lng-D-T	433	chr16:66945150-66945250
chr16	66975650	66975750	1065-Lng-B-T	43	chr16:66975650-66975750
chr16	67011250	67011350	1065-Lng-A-T	49	chr16:67011250-67011350
chr16	67021150	67021250	1065-Lng-A-T	64	chr16:67021150-67021250
chr16	67093750	67093850	901-Lng-D-T	52	chr16:67093750-67093850

Table S2: SB Insertion regions

chr16	67183650	67183750	1152-Lng-A-T	297	chr16:67183650-67183750
chr16	67258050	67258150	1004-Lng-A-T	66	chr16:67258050-67258150
chr16	67534050	67534150	846-Lng-A-T	631	chr16:67534050-67534150
chr16	67578950	67579050	1100-Lng-A-T	80	chr16:67578950-67579050
chr16	67733450	67733550	901-Lng-D-T	529	chr16:67733450-67733550
chr16	67755550	67755650	1223-Lng-A-T	1976	chr16:67755550-67755650
chr16	67773550	67773650	1188-Lng-A-T	34	chr16:67773550-67773650
chr16	67782350	67782450	1152-Lng-A-T	116	chr16:67782350-67782450
chr16	67901450	67901550	901-Lng-B-T	148	chr16:67901450-67901550
chr16	67958150	67958250	1090-Lng-B-T	86	chr16:67958150-67958250
chr16	67974550	67974650	1065-Lng-A-T	44	chr16:67974550-67974650
chr16	67974550	67974650	1065-Lng-C-T	75	chr16:67974550-67974650
chr16	67974550	67974650	901-Lng-D-T	81	chr16:67974550-67974650
chr16	67974550	67974650	1152-Lng-A-T	47	chr16:67974550-67974650
chr16	67974550	67974650	846-Lng-A-T	78	chr16:67974550-67974650
chr16	67974550	67974650	1188-Lng-A-T	60	chr16:67974550-67974650
chr16	67974550	67974650	901-Lng-A-T	91	chr16:67974550-67974650
chr16	67974550	67974650	901-Lng-C-T	36	chr16:67974550-67974650
chr16	67974550	67974650	1072-Lng-A-T	63	chr16:67974550-67974650
chr16	68220850	68220950	901-Lng-D-T	77	chr16:68220850-68220950
chr16	68235950	68236050	1004-Lng-A-T	78	chr16:68235950-68236050
chr16	68240750	68240850	1100-Lng-A-T	129	chr16:68240750-68240850
chr16	68267950	68268050	901-Lng-B-T	160	chr16:68267950-68268050
chr16	68286650	68286750	901-Lng-A-T	426	chr16:68286650-68286750
chr16	68323750	68323850	1100-Lng-A-T	179	chr16:68323750-68323850
chr16	68413550	68413650	901-Lng-A-T	142	chr16:68413550-68413650
chr16	68556450	68556550	901-Lng-A-T	128	chr16:68556450-68556550
chr16	68585450	68585550	1223-Lng-D-T	40	chr16:68585450-68585550
chr16	68645650	68645750	1065-Lng-B-T	80	chr16:68645650-68645750
chr16	68780150	68780250	1065-Lng-A-T	45	chr16:68780150-68780250
chr16	68826750	68826850	1065-Lng-C-T	115	chr16:68826750-68826850
chr16	69090950	69091050	1100-Lng-B-T	51	chr16:69090950-69091050
chr16	69138750	69138850	1152-Lng-A-T	38	chr16:69138750-69138850
chr16	69222150	69222250	901-Lng-D-T	56	chr16:69222150-69222250
chr16	69399550	69399650	901-Lng-D-T	95	chr16:69399550-69399650
chr16	69644550	69644650	846-Lng-A-T	100	chr16:69644550-69644650
chr16	69810350	69810450	1072-Lng-A-T	49	chr16:69810350-69810450
chr16	69988050	69988150	1188-Lng-A-T	47	chr16:69988050-69988150
chr16	70082750	70082850	1065-Lng-A-T	40	chr16:70082750-70082850
chr16	70113750	70113850	1004-Lng-A-T	96	chr16:70113750-70113850
chr16	70163250	70163350	846-Lng-A-T	308	chr16:70163250-70163350
chr16	70348550	70348650	1223-Lng-C-T	103	chr16:70348550-70348650
chr16	70366250	70366350	1065-Lng-B-T	241	chr16:70366250-70366350
chr16	70437350	70437450	1188-Lng-A-T	36	chr16:70437350-70437450
chr16	70439550	70439650	901-Lng-A-T	86	chr16:70439550-70439650
chr16	70472150	70472250	901-Lng-A-T	116	chr16:70472150-70472250

Table S2: SB Insertion regions

chr16	70536050	70536150	1065-Lng-A-T	99	chr16:70536050-70536150
chr16	70797450	70797550	1151-Lng-A-T	56	chr16:70797450-70797550
chr16	70836750	70836850	1223-Lng-A-T	75	chr16:70836750-70836850
chr16	70862350	70862450	1065-Lng-A-T	68	chr16:70862350-70862450
chr16	70993350	70993450	1100-Lng-A-T	82	chr16:70993350-70993450
chr16	71009250	71009350	1223-Lng-A-T	117	chr16:71009250-71009350
chr16	71206850	71206950	1004-Lng-A-T	95	chr16:71206850-71206950
chr16	71390150	71390250	1223-Lng-A-T	55	chr16:71390150-71390250
chr16	71572050	71572150	901-Lng-A-T	129	chr16:71572050-71572150
chr16	71655650	71655750	1065-Lng-C-T	442	chr16:71655650-71655750
chr16	71720750	71720850	1072-Lng-A-T	49	chr16:71720750-71720850
chr16	71817450	71817550	1072-Lng-A-T	155	chr16:71817450-71817550
chr16	71817650	71817750	1100-Lng-A-T	53	chr16:71817650-71817750
chr16	71867350	71867450	1188-Lng-A-T	85	chr16:71867350-71867450
chr16	72150350	72150450	1223-Lng-C-T	46	chr16:72150350-72150450
chr16	72225550	72225650	1065-Lng-C-T	110	chr16:72225550-72225650
chr16	72227450	72227550	1065-Lng-C-T	276	chr16:72227450-72227550
chr16	72310350	72310450	1065-Lng-A-T	90	chr16:72310350-72310450
chr16	72748250	72748350	846-Lng-A-T	68	chr16:72748250-72748350
chr16	72800550	72800650	1100-Lng-A-T	96	chr16:72800550-72800650
chr16	72933450	72933550	901-Lng-D-T	304	chr16:72933450-72933550
chr16	73166450	73166550	1090-Lng-B-T	1398	chr16:73166450-73166550
chr16	73175450	73175550	901-Lng-A-T	170	chr16:73175450-73175550
chr16	73256850	73256950	1065-Lng-B-T	46	chr16:73256850-73256950
chr16	73258350	73258450	1188-Lng-A-T	56	chr16:73258350-73258450
chr16	73276250	73276350	1004-Lng-A-T	63	chr16:73276250-73276350
chr16	73371650	73371750	1090-Lng-B-T	274	chr16:73371650-73371750
chr16	73458550	73458650	1065-Lng-C-T	120	chr16:73458550-73458650
chr16	73555150	73555250	1072-Lng-A-T	192	chr16:73555150-73555250
chr16	73578350	73578450	846-Lng-A-T	132	chr16:73578350-73578450
chr16	73697250	73697350	1223-Lng-B-T	36	chr16:73697250-73697350
chr16	74278050	74278150	1065-Lng-C-T	82	chr16:74278050-74278150
chr16	74291250	74291350	1065-Lng-A-T	132	chr16:74291250-74291350
chr16	74349350	74349450	1065-Lng-C-T	1246	chr16:74349350-74349450
chr16	74516350	74516450	1072-Lng-A-T	59	chr16:74516350-74516450
chr16	74711050	74711150	1072-Lng-A-T	48	chr16:74711050-74711150
chr16	74801250	74801350	846-Lng-A-T	72	chr16:74801250-74801350
chr16	74853450	74853550	901-Lng-A-T	74	chr16:74853450-74853550
chr16	74930450	74930550	901-Lng-B-T	164	chr16:74930450-74930550
chr16	74993250	74993350	1090-Lng-B-T	272	chr16:74993250-74993350
chr16	75019550	75019650	901-Lng-A-T	69	chr16:75019550-75019650
chr16	75029550	75029650	1223-Lng-C-T	51	chr16:75029550-75029650
chr16	75080950	75081050	1090-Lng-B-T	345	chr16:75080950-75081050
chr16	75149450	75149550	1090-Lng-A-T	59	chr16:75149450-75149550
chr16	75251350	75251450	1065-Lng-B-T	66	chr16:75251350-75251450
chr16	75312550	75312650	1065-Lng-A-T	38	chr16:75312550-75312650

Table S2: SB Insertion regions

chr16	75355650	75355750	1100-Lng-A-T	51	chr16:75355650-75355750
chr16	75590450	75590550	1223-Lng-D-T	49	chr16:75590450-75590550
chr16	75771450	75771550	1065-Lng-C-T	83	chr16:75771450-75771550
chr16	75805450	75805550	1065-Lng-A-T	48	chr16:75805450-75805550
chr16	76018550	76018650	1223-Lng-C-T	50	chr16:76018550-76018650
chr16	76309350	76309450	1072-Lng-A-T	58	chr16:76309350-76309450
chr16	76342250	76342350	1274-Lng-A-T	61	chr16:76342250-76342350
chr16	76355450	76355550	1004-Lng-A-T	51	chr16:76355450-76355550
chr16	76397050	76397150	1065-Lng-A-T	49	chr16:76397050-76397150
chr16	76466650	76466750	1188-Lng-A-T	45	chr16:76466650-76466750
chr16	76568850	76568950	901-Lng-C-T	57	chr16:76568850-76568950
chr16	76603450	76603550	1065-Lng-C-T	92	chr16:76603450-76603550
chr16	76660850	76660950	1065-Lng-B-T	90	chr16:76660850-76660950
chr16	76725050	76725150	901-Lng-A-T	82	chr16:76725050-76725150
chr16	76740350	76740450	1065-Lng-A-T	231	chr16:76740350-76740450
chr16	76796250	76796350	1223-Lng-A-T	132	chr16:76796250-76796350
chr16	77018850	77018950	1223-Lng-A-T	190	chr16:77018850-77018950
chr16	77039550	77039650	1223-Lng-B-T	81	chr16:77039550-77039650
chr16	77075450	77075550	1004-Lng-A-T	57	chr16:77075450-77075550
chr16	77090250	77090350	1065-Lng-B-T	72	chr16:77090250-77090350
chr16	77105750	77105850	1167-Lng-A-T	71	chr16:77105750-77105850
chr16	77180450	77180550	1065-Lng-A-T	84	chr16:77180450-77180550
chr16	77352050	77352150	901-Lng-C-T	45	chr16:77352050-77352150
chr16	77403050	77403150	1065-Lng-C-T	71	chr16:77403050-77403150
chr16	77404150	77404250	1065-Lng-C-T	2564	chr16:77404150-77404250
chr16	77407950	77408050	1090-Lng-A-T	556	chr16:77407950-77408050
chr16	77464450	77464550	1151-Lng-A-T	60	chr16:77464450-77464550
chr16	77464950	77465050	1065-Lng-C-T	63	chr16:77464950-77465050
chr16	77470850	77470950	1004-Lng-A-T	205	chr16:77470850-77470950
chr16	77537850	77537950	1072-Lng-A-T	63	chr16:77537850-77537950
chr16	77601150	77601250	1152-Lng-A-T	85	chr16:77601150-77601250
chr16	77607750	77607850	901-Lng-B-T	130	chr16:77607750-77607850
chr16	77633450	77633550	901-Lng-D-T	362	chr16:77633450-77633550
chr16	77675850	77675950	1223-Lng-A-T	158	chr16:77675850-77675950
chr16	77676750	77676850	1223-Lng-D-T	47	chr16:77676750-77676850
chr16	77689750	77689850	901-Lng-A-T	63	chr16:77689750-77689850
chr16	78039750	78039850	901-Lng-D-T	269	chr16:78039750-78039850
chr16	78331350	78331450	901-Lng-B-T	47	chr16:78331350-78331450
chr16	78338250	78338350	1223-Lng-A-T	5936	chr16:78338250-78338350
chr16	78363850	78363950	846-Lng-A-T	893	chr16:78363850-78363950
chr16	78584950	78585050	901-Lng-A-T	79	chr16:78584950-78585050
chr16	78604950	78605050	846-Lng-A-T	98	chr16:78604950-78605050
chr16	78709450	78709550	901-Lng-B-T	145	chr16:78709450-78709550
chr16	78835850	78835950	1065-Lng-C-T	67	chr16:78835850-78835950
chr16	79304650	79304750	1188-Lng-A-T	61	chr16:79304650-79304750
chr16	79420450	79420550	1223-Lng-D-T	47	chr16:79420450-79420550

Table S2: SB Insertion regions

chr16	79458050	79458150	1152-Lng-A-T	39	chr16:79458050-79458150
chr16	79892950	79893050	1090-Lng-B-T	391	chr16:79892950-79893050
chr16	79905750	79905850	1090-Lng-A-T	101	chr16:79905750-79905850
chr16	80330850	80330950	1065-Lng-A-T	56	chr16:80330850-80330950
chr16	80532650	80532750	1065-Lng-B-T	98	chr16:80532650-80532750
chr16	80582550	80582650	1065-Lng-B-T	76	chr16:80582550-80582650
chr16	80936650	80936750	1223-Lng-B-T	386	chr16:80936650-80936750
chr16	81010750	81010850	1090-Lng-A-T	56	chr16:81010750-81010850
chr16	81203650	81203750	846-Lng-A-T	63	chr16:81203650-81203750
chr16	81353850	81353950	1167-Lng-A-T	67	chr16:81353850-81353950
chr16	81380550	81380650	1223-Lng-B-T	38	chr16:81380550-81380650
chr16	81792350	81792450	1065-Lng-A-T	76	chr16:81792350-81792450
chr16	81841450	81841550	1004-Lng-A-T	61	chr16:81841450-81841550
chr16	82143550	82143650	846-Lng-A-T	67	chr16:82143550-82143650
chr16	82193450	82193550	1072-Lng-A-T	48	chr16:82193450-82193550
chr16	82379650	82379750	1072-Lng-A-T	54	chr16:82379650-82379750
chr16	82516750	82516850	1223-Lng-B-T	88	chr16:82516750-82516850
chr16	82540450	82540550	1223-Lng-A-T	169	chr16:82540450-82540550
chr16	82812950	82813050	1072-Lng-A-T	102	chr16:82812950-82813050
chr16	82945750	82945850	1223-Lng-B-T	162	chr16:82945750-82945850
chr16	82962950	82963050	1072-Lng-A-T	51	chr16:82962950-82963050
chr16	83009450	83009550	1090-Lng-B-T	355	chr16:83009450-83009550
chr16	83131550	83131650	1065-Lng-A-T	330	chr16:83131550-83131650
chr16	83342650	83342750	1065-Lng-B-T	44	chr16:83342650-83342750
chr16	83542350	83542450	1065-Lng-A-T	51	chr16:83542350-83542450
chr16	83646150	83646250	901-Lng-C-T	56	chr16:83646150-83646250
chr16	83820650	83820750	1004-Lng-A-T	50	chr16:83820650-83820750
chr16	84074350	84074450	901-Lng-A-T	138	chr16:84074350-84074450
chr16	84099750	84099850	1152-Lng-A-T	94	chr16:84099750-84099850
chr16	84118750	84118850	1223-Lng-C-T	53	chr16:84118750-84118850
chr16	84140850	84140950	1274-Lng-A-T	65	chr16:84140850-84140950
chr16	84299050	84299150	901-Lng-D-T	112	chr16:84299050-84299150
chr16	84408150	84408250	1004-Lng-A-T	92	chr16:84408150-84408250
chr16	84609150	84609250	1223-Lng-B-T	490	chr16:84609150-84609250
chr16	84667250	84667350	1100-Lng-A-T	130	chr16:84667250-84667350
chr16	84857850	84857950	1151-Lng-A-T	339	chr16:84857850-84857950
chr16	85000750	85000850	1100-Lng-A-T	60	chr16:85000750-85000850
chr16	85042450	85042550	1223-Lng-D-T	45	chr16:85042450-85042550
chr16	85049350	85049450	1151-Lng-A-T	174	chr16:85049350-85049450
chr16	85068750	85068850	1065-Lng-A-T	80	chr16:85068750-85068850
chr16	85096550	85096650	846-Lng-A-T	44	chr16:85096550-85096650
chr16	85102950	85103050	1223-Lng-B-T	424	chr16:85102950-85103050
chr16	85103950	85104050	1072-Lng-A-T	58	chr16:85103950-85104050
chr16	85126650	85126750	1223-Lng-B-T	56	chr16:85126650-85126750
chr16	85132150	85132250	1274-Lng-A-T	65	chr16:85132150-85132250
chr16	85162950	85163050	1065-Lng-B-T	1795	chr16:85162950-85163050

Table S2: SB Insertion regions

chr16	85423650	85423750	901-Lng-A-T	67	chr16:85423650-85423750
chr16	85494350	85494450	1223-Lng-B-T	46	chr16:85494350-85494450
chr16	85686150	85686250	901-Lng-A-T	67	chr16:85686150-85686250
chr16	85745350	85745450	1152-Lng-A-T	52	chr16:85745350-85745450
chr16	86021250	86021350	1065-Lng-A-T	98	chr16:86021250-86021350
chr16	86048950	86049050	1072-Lng-A-T	64	chr16:86048950-86049050
chr16	86086550	86086650	1274-Lng-A-T	57	chr16:86086550-86086650
chr16	86360350	86360450	1223-Lng-A-T	144	chr16:86360350-86360450
chr16	86458550	86458650	1004-Lng-A-T	60	chr16:86458550-86458650
chr16	86594150	86594250	1100-Lng-A-T	115	chr16:86594150-86594250
chr16	86672450	86672550	1223-Lng-B-T	46	chr16:86672450-86672550
chr16	86847950	86848050	901-Lng-B-T	128	chr16:86847950-86848050
chr16	87054850	87054950	1152-Lng-A-T	102	chr16:87054850-87054950
chr16	87286550	87286650	1065-Lng-B-T	40	chr16:87286550-87286650
chr16	87336750	87336850	1188-Lng-A-T	118	chr16:87336750-87336850
chr16	87411850	87411950	1152-Lng-A-T	40	chr16:87411850-87411950
chr16	87703450	87703550	1100-Lng-A-T	135	chr16:87703450-87703550
chr16	87716050	87716150	1065-Lng-C-T	3514	chr16:87716050-87716150
chr16	87970750	87970850	1065-Lng-A-T	36	chr16:87970750-87970850
chr16	88039850	88039950	901-Lng-C-T	55	chr16:88039850-88039950
chr16	88188250	88188350	1004-Lng-A-T	125	chr16:88188250-88188350
chr16	88246250	88246350	1223-Lng-D-T	40	chr16:88246250-88246350
chr16	88269450	88269550	1223-Lng-C-T	77	chr16:88269450-88269550
chr16	88515250	88515350	846-Lng-A-T	139	chr16:88515250-88515350
chr16	88638050	88638150	1223-Lng-D-T	42	chr16:88638050-88638150
chr16	88673450	88673550	1151-Lng-A-T	60	chr16:88673450-88673550
chr16	88852550	88852650	1223-Lng-D-T	44	chr16:88852550-88852650
chr16	88886150	88886250	1167-Lng-A-T	46	chr16:88886150-88886250
chr16	88895250	88895350	1274-Lng-A-T	103	chr16:88895250-88895350
chr16	88937550	88937650	1004-Lng-A-T	114	chr16:88937550-88937650
chr16	89270350	89270450	901-Lng-A-T	116	chr16:89270350-89270450
chr16	89560750	89560850	1065-Lng-B-T	82	chr16:89560750-89560850
chr16	89745250	89745350	1072-Lng-A-T	48	chr16:89745250-89745350
chr16	90220250	90220350	1223-Lng-B-T	46	chr16:90220250-90220350
chr16	90226150	90226250	1152-Lng-A-T	48	chr16:90226150-90226250
chr16	90256250	90256350	1100-Lng-A-T	60	chr16:90256250-90256350
chr16	90266450	90266550	1188-Lng-A-T	79	chr16:90266450-90266550
chr16	90268950	90269050	901-Lng-B-T	35	chr16:90268950-90269050
chr16	90312750	90312850	846-Lng-A-T	90	chr16:90312750-90312850
chr16	90438250	90438350	1065-Lng-C-T	66	chr16:90438250-90438350
chr16	90879650	90879750	1188-Lng-A-T	217	chr16:90879650-90879750
chr16	90930550	90930650	901-Lng-D-T	151	chr16:90930550-90930650
chr16	90937950	90938050	1223-Lng-A-T	235	chr16:90937950-90938050
chr16	90950050	90950150	1090-Lng-A-T	118	chr16:90950050-90950150
chr16	90950950	90951050	1274-Lng-A-T	49	chr16:90950950-90951050
chr16	91040850	91040950	1152-Lng-A-T	105	chr16:91040850-91040950

Table S2: SB Insertion regions

chr16	91389650	91389750	1274-Lng-A-T	139	chr16:91389650-91389750
chr16	91662050	91662150	1167-Lng-A-T	155	chr16:91662050-91662150
chr16	91666050	91666150	1152-Lng-A-T	42	chr16:91666050-91666150
chr16	91709150	91709250	901-Lng-A-T	118	chr16:91709150-91709250
chr16	91792050	91792150	1072-Lng-A-T	135	chr16:91792050-91792150
chr16	91936950	91937050	1152-Lng-A-T	102	chr16:91936950-91937050
chr16	92169250	92169350	1152-Lng-A-T	78	chr16:92169250-92169350
chr16	92290750	92290850	1004-Lng-A-T	54	chr16:92290750-92290850
chr16	92408950	92409050	1090-Lng-A-T	70	chr16:92408950-92409050
chr16	92437050	92437150	901-Lng-A-T	72	chr16:92437050-92437150
chr16	92454550	92454650	1065-Lng-A-T	38	chr16:92454550-92454650
chr16	92462950	92463050	1004-Lng-A-T	83	chr16:92462950-92463050
chr16	92541350	92541450	901-Lng-A-T	295	chr16:92541350-92541450
chr16	92648550	92648650	1065-Lng-B-T	56	chr16:92648550-92648650
chr16	92656850	92656950	846-Lng-A-T	85	chr16:92656850-92656950
chr16	92947950	92948050	901-Lng-B-T	101	chr16:92947950-92948050
chr16	93023850	93023950	1100-Lng-A-T	63	chr16:93023850-93023950
chr16	93111150	93111250	1065-Lng-C-T	2027	chr16:93111150-93111250
chr16	93295850	93295950	1065-Lng-A-T	83	chr16:93295850-93295950
chr16	93403650	93403750	1100-Lng-A-T	86	chr16:93403650-93403750
chr16	93483950	93484050	901-Lng-A-T	101	chr16:93483950-93484050
chr16	93624850	93624950	1274-Lng-A-T	172	chr16:93624850-93624950
chr16	93756650	93756750	1065-Lng-C-T	63	chr16:93756650-93756750
chr16	93771350	93771450	1274-Lng-A-T	149	chr16:93771350-93771450
chr16	93841050	93841150	901-Lng-C-T	41	chr16:93841050-93841150
chr16	93873250	93873350	1274-Lng-A-T	80	chr16:93873250-93873350
chr16	93875850	93875950	1274-Lng-A-T	66	chr16:93875850-93875950
chr16	94053450	94053550	1100-Lng-B-T	64	chr16:94053450-94053550
chr16	94106050	94106150	901-Lng-A-T	152	chr16:94106050-94106150
chr16	94568550	94568650	1072-Lng-A-T	60	chr16:94568550-94568650
chr16	94590450	94590550	1004-Lng-A-T	66	chr16:94590450-94590550
chr16	94603150	94603250	1090-Lng-B-T	465	chr16:94603150-94603250
chr16	94633150	94633250	1274-Lng-A-T	73	chr16:94633150-94633250
chr16	94633250	94633350	1274-Lng-A-T	145	chr16:94633250-94633350
chr16	94676750	94676850	1090-Lng-A-T	74	chr16:94676750-94676850
chr16	94738050	94738150	1100-Lng-A-T	196	chr16:94738050-94738150
chr16	94738650	94738750	1223-Lng-A-T	209	chr16:94738650-94738750
chr16	94839850	94839950	1223-Lng-A-T	97	chr16:94839850-94839950
chr16	94861450	94861550	1090-Lng-A-T	73	chr16:94861450-94861550
chr16	94875750	94875850	901-Lng-B-T	104	chr16:94875750-94875850
chr16	94879050	94879150	901-Lng-A-T	87	chr16:94879050-94879150
chr16	94887950	94888050	1100-Lng-A-T	66	chr16:94887950-94888050
chr16	94901750	94901850	1090-Lng-B-T	229	chr16:94901750-94901850
chr16	95115850	95115950	1004-Lng-A-T	199	chr16:95115850-95115950
chr16	95260150	95260250	901-Lng-A-T	105	chr16:95260150-95260250
chr16	95263350	95263450	1274-Lng-A-T	70	chr16:95263350-95263450

Table S2: SB Insertion regions

chr16	95472550	95472650	1274-Lng-A-T	53	chr16:95472550-95472650
chr16	95494050	95494150	846-Lng-A-T	1724	chr16:95494050-95494150
chr16	95496250	95496350	1152-Lng-A-T	38	chr16:95496250-95496350
chr16	95501550	95501650	1223-Lng-B-T	132	chr16:95501550-95501650
chr16	95684950	95685050	901-Lng-C-T	94	chr16:95684950-95685050
chr16	95726550	95726650	1072-Lng-A-T	57	chr16:95726550-95726650
chr16	96056650	96056750	1152-Lng-A-T	48	chr16:96056650-96056750
chr16	96126650	96126750	1152-Lng-A-T	67	chr16:96126650-96126750
chr16	96258850	96258950	901-Lng-C-T	104	chr16:96258850-96258950
chr16	96277150	96277250	901-Lng-C-T	172	chr16:96277150-96277250
chr16	96280350	96280450	1223-Lng-C-T	53	chr16:96280350-96280450
chr16	96289650	96289750	1151-Lng-A-T	54	chr16:96289650-96289750
chr16	96292750	96292850	1004-Lng-A-T	64	chr16:96292750-96292850
chr16	96297650	96297750	1004-Lng-A-T	1501	chr16:96297650-96297750
chr16	96421050	96421150	1072-Lng-A-T	114	chr16:96421050-96421150
chr16	96438050	96438150	901-Lng-B-T	139	chr16:96438050-96438150
chr16	96438150	96438250	1065-Lng-B-T	81	chr16:96438150-96438250
chr16	96592150	96592250	901-Lng-A-T	103	chr16:96592150-96592250
chr16	97343950	97344050	1152-Lng-A-T	83	chr16:97343950-97344050
chr16	97375150	97375250	1223-Lng-B-T	57	chr16:97375150-97375250
chr16	97499350	97499450	901-Lng-D-T	147	chr16:97499350-97499450
chr16	97772650	97772750	1151-Lng-A-T	65	chr16:97772650-97772750
chr16	98032750	98032850	1065-Lng-A-T	50	chr16:98032750-98032850
chr16	98043750	98043850	1065-Lng-B-T	73	chr16:98043750-98043850
chr16	98099150	98099250	1004-Lng-A-T	100	chr16:98099150-98099250
chr16	98119050	98119150	901-Lng-D-T	36	chr16:98119050-98119150
chr16	98123450	98123550	901-Lng-A-T	96	chr16:98123450-98123550
chr16	98223850	98223950	901-Lng-B-T	45	chr16:98223850-98223950
chr17	3126550	3126650	1065-Lng-A-T	36	chr17:3126550-3126650
chr17	3146050	3146150	901-Lng-A-T	133	chr17:3146050-3146150
chr17	3147650	3147750	1004-Lng-A-T	225	chr17:3147650-3147750
chr17	3148550	3148650	1100-Lng-A-T	52	chr17:3148550-3148650
chr17	3153850	3153950	1090-Lng-A-T	72	chr17:3153850-3153950
chr17	3162150	3162250	1223-Lng-D-T	169	chr17:3162150-3162250
chr17	3192550	3192650	1152-Lng-A-T	51	chr17:3192550-3192650
chr17	3207250	3207350	1065-Lng-A-T	41	chr17:3207250-3207350
chr17	3214850	3214950	1223-Lng-C-T	43	chr17:3214850-3214950
chr17	3216650	3216750	1151-Lng-A-T	54	chr17:3216650-3216750
chr17	3222550	3222650	1167-Lng-A-T	76	chr17:3222550-3222650
chr17	3236850	3236950	901-Lng-A-T	493	chr17:3236850-3236950
chr17	3247750	3247850	901-Lng-B-T	238	chr17:3247750-3247850
chr17	3362950	3363050	901-Lng-A-T	100	chr17:3362950-3363050
chr17	3366350	3366450	846-Lng-A-T	76	chr17:3366350-3366450
chr17	3388950	3389050	901-Lng-B-T	98	chr17:3388950-3389050
chr17	3624550	3624650	1152-Lng-A-T	99	chr17:3624550-3624650
chr17	3887350	3887450	1065-Lng-A-T	61	chr17:3887350-3887450

Table S2: SB Insertion regions

chr17	3895250	3895350	901-Lng-A-T	126	chr17:3895250-3895350
chr17	4585850	4585950	901-Lng-B-T	190	chr17:4585850-4585950
chr17	4690050	4690150	1223-Lng-B-T	48	chr17:4690050-4690150
chr17	4698850	4698950	1100-Lng-B-T	84	chr17:4698850-4698950
chr17	4703850	4703950	1065-Lng-B-T	87	chr17:4703850-4703950
chr17	4709650	4709750	1274-Lng-A-T	57	chr17:4709650-4709750
chr17	4721850	4721950	1065-Lng-B-T	49	chr17:4721850-4721950
chr17	4726150	4726250	1065-Lng-B-T	93	chr17:4726150-4726250
chr17	4928450	4928550	901-Lng-A-T	507	chr17:4928450-4928550
chr17	4948150	4948250	1223-Lng-A-T	156	chr17:4948150-4948250
chr17	5010750	5010850	1100-Lng-A-T	136	chr17:5010750-5010850
chr17	5061750	5061850	1274-Lng-A-T	50	chr17:5061750-5061850
chr17	5065750	5065850	901-Lng-A-T	119	chr17:5065750-5065850
chr17	5077650	5077750	1072-Lng-A-T	57	chr17:5077650-5077750
chr17	5080350	5080450	1100-Lng-A-T	99	chr17:5080350-5080450
chr17	5109350	5109450	1152-Lng-A-T	102	chr17:5109350-5109450
chr17	5118450	5118550	1188-Lng-A-T	36	chr17:5118450-5118550
chr17	5123850	5123950	1100-Lng-A-T	68	chr17:5123850-5123950
chr17	5157350	5157450	1065-Lng-C-T	61	chr17:5157350-5157450
chr17	5182850	5182950	1151-Lng-A-T	117	chr17:5182850-5182950
chr17	5206950	5207050	1151-Lng-A-T	56	chr17:5206950-5207050
chr17	5265950	5266050	1100-Lng-A-T	55	chr17:5265950-5266050
chr17	5281650	5281750	1274-Lng-A-T	144	chr17:5281650-5281750
chr17	5282750	5282850	1223-Lng-D-T	59	chr17:5282750-5282850
chr17	5286050	5286150	1274-Lng-A-T	348	chr17:5286050-5286150
chr17	5322250	5322350	1223-Lng-D-T	40	chr17:5322250-5322350
chr17	5844150	5844250	1188-Lng-A-T	41	chr17:5844150-5844250
chr17	5846550	5846650	1004-Lng-A-T	487	chr17:5846550-5846650
chr17	5850750	5850850	1274-Lng-A-T	98	chr17:5850750-5850850
chr17	5942050	5942150	1188-Lng-A-T	133	chr17:5942050-5942150
chr17	5944650	5944750	1004-Lng-A-T	73	chr17:5944650-5944750
chr17	5961950	5962050	1188-Lng-A-T	34	chr17:5961950-5962050
chr17	6041650	6041750	1152-Lng-A-T	85	chr17:6041650-6041750
chr17	6046150	6046250	1223-Lng-D-T	67	chr17:6046150-6046250
chr17	6053850	6053950	1274-Lng-A-T	59	chr17:6053850-6053950
chr17	6154750	6154850	1065-Lng-B-T	50	chr17:6154750-6154850
chr17	7015750	7015850	1223-Lng-B-T	37	chr17:7015750-7015850
chr17	7252250	7252350	1223-Lng-A-T	86	chr17:7252250-7252350
chr17	7407350	7407450	1152-Lng-A-T	89	chr17:7407350-7407450
chr17	7444050	7444150	1151-Lng-A-T	64	chr17:7444050-7444150
chr17	7729450	7729550	1167-Lng-A-T	45	chr17:7729450-7729550
chr17	8364750	8364850	1100-Lng-A-T	87	chr17:8364750-8364850
chr17	8397450	8397550	1072-Lng-A-T	106	chr17:8397450-8397550
chr17	8419950	8420050	1065-Lng-A-T	37	chr17:8419950-8420050
chr17	8514950	8515050	1065-Lng-A-T	50	chr17:8514950-8515050
chr17	8741050	8741150	901-Lng-C-T	77	chr17:8741050-8741150

Table S2: SB Insertion regions

chr17	8857050	8857150	1151-Lng-A-T	99	chr17:8857050-8857150
chr17	8892550	8892650	1065-Lng-A-T	74	chr17:8892550-8892650
chr17	9009350	9009450	901-Lng-A-T	57	chr17:9009350-9009450
chr17	9415350	9415450	1100-Lng-A-T	86	chr17:9415350-9415450
chr17	9422350	9422450	901-Lng-B-T	64	chr17:9422350-9422450
chr17	9678550	9678650	1004-Lng-A-T	79	chr17:9678550-9678650
chr17	9928250	9928350	1090-Lng-A-T	70	chr17:9928250-9928350
chr17	9959850	9959950	1065-Lng-C-T	633	chr17:9959850-9959950
chr17	9988850	9988950	1065-Lng-A-T	64	chr17:9988850-9988950
chr17	10179650	10179750	1072-Lng-A-T	117	chr17:10179650-10179750
chr17	10197150	10197250	901-Lng-C-T	106	chr17:10197150-10197250
chr17	10376150	10376250	901-Lng-C-T	82	chr17:10376150-10376250
chr17	10391350	10391450	1274-Lng-A-T	66	chr17:10391350-10391450
chr17	10434050	10434150	1167-Lng-A-T	47	chr17:10434050-10434150
chr17	10437850	10437950	1223-Lng-A-T	186	chr17:10437850-10437950
chr17	10466950	10467050	1100-Lng-A-T	122	chr17:10466950-10467050
chr17	10468950	10469050	1167-Lng-A-T	92	chr17:10468950-10469050
chr17	10483750	10483850	1100-Lng-A-T	129	chr17:10483750-10483850
chr17	10487050	10487150	1090-Lng-B-T	164	chr17:10487050-10487150
chr17	10487850	10487950	1152-Lng-A-T	75	chr17:10487850-10487950
chr17	10505150	10505250	1100-Lng-A-T	105	chr17:10505150-10505250
chr17	10695950	10696050	901-Lng-D-T	308	chr17:10695950-10696050
chr17	10886650	10886750	1274-Lng-A-T	67	chr17:10886650-10886750
chr17	10915650	10915750	1065-Lng-B-T	79	chr17:10915650-10915750
chr17	10980750	10980850	1274-Lng-A-T	61	chr17:10980750-10980850
chr17	11100450	11100550	846-Lng-A-T	224	chr17:11100450-11100550
chr17	11170050	11170150	1065-Lng-A-T	62	chr17:11170050-11170150
chr17	11230850	11230950	846-Lng-A-T	86	chr17:11230850-11230950
chr17	11361750	11361850	901-Lng-D-T	54	chr17:11361750-11361850
chr17	11502450	11502550	1072-Lng-A-T	51	chr17:11502450-11502550
chr17	11542850	11542950	1065-Lng-B-T	47	chr17:11542850-11542950
chr17	11606050	11606150	1072-Lng-A-T	223	chr17:11606050-11606150
chr17	11659950	11660050	1223-Lng-B-T	34	chr17:11659950-11660050
chr17	11798050	11798150	1072-Lng-A-T	56	chr17:11798050-11798150
chr17	11864950	11865050	846-Lng-A-T	93	chr17:11864950-11865050
chr17	11911250	11911350	1004-Lng-A-T	404	chr17:11911250-11911350
chr17	12186250	12186350	1065-Lng-C-T	75	chr17:12186250-12186350
chr17	12226250	12226350	1151-Lng-A-T	54	chr17:12226250-12226350
chr17	12337650	12337750	1223-Lng-B-T	60	chr17:12337650-12337750
chr17	12338550	12338650	846-Lng-A-T	175	chr17:12338550-12338650
chr17	12539050	12539150	1151-Lng-A-T	89	chr17:12539050-12539150
chr17	12593150	12593250	1072-Lng-A-T	55	chr17:12593150-12593250
chr17	12816550	12816650	1274-Lng-A-T	345	chr17:12816550-12816650
chr17	12889850	12889950	846-Lng-A-T	186	chr17:12889850-12889950
chr17	12917850	12917950	1223-Lng-B-T	44	chr17:12917850-12917950
chr17	12953850	12953950	901-Lng-A-T	52	chr17:12953850-12953950

Table S2: SB Insertion regions

chr17	12963750	12963850	1223-Lng-A-T	100	chr17:12963750-12963850
chr17	13075250	13075350	901-Lng-D-T	209	chr17:13075250-13075350
chr17	13136950	13137050	1072-Lng-A-T	257	chr17:13136950-13137050
chr17	13142050	13142150	901-Lng-B-T	158	chr17:13142050-13142150
chr17	13171950	13172050	1188-Lng-A-T	116	chr17:13171950-13172050
chr17	13565650	13565750	1065-Lng-B-T	53	chr17:13565650-13565750
chr17	13746250	13746350	1100-Lng-A-T	1053	chr17:13746250-13746350
chr17	13896050	13896150	1274-Lng-A-T	54	chr17:13896050-13896150
chr17	13950650	13950750	1223-Lng-B-T	39	chr17:13950650-13950750
chr17	13962250	13962350	1151-Lng-A-T	225	chr17:13962250-13962350
chr17	13969250	13969350	901-Lng-D-T	157	chr17:13969250-13969350
chr17	14020350	14020450	1100-Lng-A-T	164	chr17:14020350-14020450
chr17	14375850	14375950	901-Lng-C-T	39	chr17:14375850-14375950
chr17	14604150	14604250	1065-Lng-C-T	114	chr17:14604150-14604250
chr17	14926850	14926950	1152-Lng-A-T	197	chr17:14926850-14926950
chr17	15061050	15061150	1223-Lng-A-T	179	chr17:15061050-15061150
chr17	15201450	15201550	1065-Lng-C-T	135	chr17:15201450-15201550
chr17	15487250	15487350	1100-Lng-B-T	72	chr17:15487250-15487350
chr17	15538450	15538550	1223-Lng-A-T	1900	chr17:15538450-15538550
chr17	15572650	15572750	1065-Lng-A-T	50	chr17:15572650-15572750
chr17	15601950	15602050	1223-Lng-B-T	42	chr17:15601950-15602050
chr17	15614850	15614950	1223-Lng-C-T	46	chr17:15614850-15614950
chr17	15861550	15861650	1223-Lng-C-T	79	chr17:15861550-15861650
chr17	15869850	15869950	1152-Lng-A-T	95	chr17:15869850-15869950
chr17	15872450	15872550	1167-Lng-A-T	61	chr17:15872450-15872550
chr17	15872850	15872950	1151-Lng-A-T	189	chr17:15872850-15872950
chr17	15883350	15883450	1090-Lng-A-T	48	chr17:15883350-15883450
chr17	15906250	15906350	1223-Lng-B-T	39	chr17:15906250-15906350
chr17	15909950	15910050	1223-Lng-D-T	95	chr17:15909950-15910050
chr17	15910150	15910250	1065-Lng-A-T	61	chr17:15910150-15910250
chr17	16138450	16138550	1188-Lng-A-T	177	chr17:16138450-16138550
chr17	16584350	16584450	1223-Lng-A-T	71	chr17:16584350-16584450
chr17	16723550	16723650	846-Lng-A-T	58	chr17:16723550-16723650
chr17	16960050	16960150	1223-Lng-A-T	1403	chr17:16960050-16960150
chr17	17146450	17146550	1090-Lng-B-T	1117	chr17:17146450-17146550
chr17	17176650	17176750	1090-Lng-A-T	55	chr17:17176650-17176750
chr17	17320350	17320450	1100-Lng-A-T	53	chr17:17320350-17320450
chr17	17343550	17343650	1090-Lng-A-T	64	chr17:17343550-17343650
chr17	17439950	17440050	1072-Lng-A-T	56	chr17:17439950-17440050
chr17	17454050	17454150	1100-Lng-A-T	67	chr17:17454050-17454150
chr17	17681150	17681250	1152-Lng-A-T	72	chr17:17681150-17681250
chr17	17797250	17797350	846-Lng-A-T	62	chr17:17797250-17797350
chr17	17978550	17978650	1223-Lng-C-T	45	chr17:17978550-17978650
chr17	18143850	18143950	1152-Lng-A-T	252	chr17:18143850-18143950
chr17	18206150	18206250	1072-Lng-A-T	84	chr17:18206150-18206250
chr17	18713550	18713650	1065-Lng-A-T	62	chr17:18713550-18713650

Table S2: SB Insertion regions

chr17	18716550	18716650	1065-Lng-B-T	59	chr17:18716550-18716650
chr17	18719750	18719850	1065-Lng-B-T	76	chr17:18719750-18719850
chr17	18779850	18779950	846-Lng-A-T	74	chr17:18779850-18779950
chr17	18787950	18788050	1223-Lng-B-T	55	chr17:18787950-18788050
chr17	19219150	19219250	1065-Lng-A-T	65	chr17:19219150-19219250
chr17	19219550	19219650	901-Lng-B-T	178	chr17:19219550-19219650
chr17	19228450	19228550	846-Lng-A-T	114	chr17:19228450-19228550
chr17	19249850	19249950	1223-Lng-B-T	40	chr17:19249850-19249950
chr17	19276750	19276850	1004-Lng-A-T	90	chr17:19276750-19276850
chr17	19317150	19317250	901-Lng-D-T	252	chr17:19317150-19317250
chr17	19347050	19347150	1004-Lng-A-T	50	chr17:19347050-19347150
chr17	19939950	19940050	1152-Lng-A-T	99	chr17:19939950-19940050
chr17	20094050	20094150	1188-Lng-A-T	34	chr17:20094050-20094150
chr17	20137750	20137850	1072-Lng-A-T	145	chr17:20137750-20137850
chr17	20182850	20182950	901-Lng-A-T	157	chr17:20182850-20182950
chr17	20301350	20301450	1152-Lng-A-T	50	chr17:20301350-20301450
chr17	20366550	20366650	1090-Lng-B-T	114	chr17:20366550-20366650
chr17	20451650	20451750	1223-Lng-B-T	129	chr17:20451650-20451750
chr17	20508650	20508750	901-Lng-D-T	67	chr17:20508650-20508750
chr17	20892450	20892550	1223-Lng-B-T	67	chr17:20892450-20892550
chr17	21070250	21070350	1223-Lng-A-T	117	chr17:21070250-21070350
chr17	21159550	21159650	1065-Lng-A-T	38	chr17:21159550-21159650
chr17	21504050	21504150	1065-Lng-A-T	48	chr17:21504050-21504150
chr17	21564050	21564150	1100-Lng-B-T	70	chr17:21564050-21564150
chr17	21641450	21641550	901-Lng-B-T	271	chr17:21641450-21641550
chr17	21710050	21710150	846-Lng-A-T	452	chr17:21710050-21710150
chr17	21734050	21734150	1065-Lng-C-T	99	chr17:21734050-21734150
chr17	21861450	21861550	1167-Lng-A-T	84	chr17:21861450-21861550
chr17	21905050	21905150	1065-Lng-B-T	52	chr17:21905050-21905150
chr17	21979750	21979850	901-Lng-B-T	195	chr17:21979750-21979850
chr17	22023850	22023950	1167-Lng-A-T	102	chr17:22023850-22023950
chr17	22076550	22076650	1223-Lng-A-T	83	chr17:22076550-22076650
chr17	22120650	22120750	901-Lng-D-T	254	chr17:22120650-22120750
chr17	22336150	22336250	1223-Lng-A-T	100	chr17:22336150-22336250
chr17	22498950	22499050	846-Lng-A-T	145	chr17:22498950-22499050
chr17	22510850	22510950	1065-Lng-A-T	85	chr17:22510850-22510950
chr17	22547950	22548050	1004-Lng-A-T	87	chr17:22547950-22548050
chr17	22580550	22580650	901-Lng-A-T	58	chr17:22580550-22580650
chr17	22586450	22586550	1065-Lng-C-T	82	chr17:22586450-22586550
chr17	22642250	22642350	901-Lng-A-T	153	chr17:22642250-22642350
chr17	22704550	22704650	1151-Lng-A-T	374	chr17:22704550-22704650
chr17	22867050	22867150	901-Lng-D-T	368	chr17:22867050-22867150
chr17	23052250	23052350	1152-Lng-A-T	44	chr17:23052250-23052350
chr17	23098750	23098850	1100-Lng-A-T	59	chr17:23098750-23098850
chr17	23316650	23316750	1065-Lng-C-T	85	chr17:23316650-23316750
chr17	23368550	23368650	1065-Lng-A-T	68	chr17:23368550-23368650

Table S2: SB Insertion regions

chr17	23648850	23648950	1065-Lng-B-T	52	chr17:23648850-23648950
chr17	23951150	23951250	1100-Lng-A-T	55	chr17:23951150-23951250
chr17	23965250	23965350	1223-Lng-C-T	1113	chr17:23965250-23965350
chr17	24211950	24212050	1100-Lng-A-T	55	chr17:24211950-24212050
chr17	24218450	24218550	1151-Lng-A-T	146	chr17:24218450-24218550
chr17	24227250	24227350	1223-Lng-A-T	141	chr17:24227250-24227350
chr17	24265150	24265250	1152-Lng-A-T	64	chr17:24265150-24265250
chr17	24275550	24275650	1065-Lng-A-T	34	chr17:24275550-24275650
chr17	24337750	24337850	901-Lng-A-T	59	chr17:24337750-24337850
chr17	24574150	24574250	1188-Lng-A-T	54	chr17:24574150-24574250
chr17	24693550	24693650	901-Lng-C-T	106	chr17:24693550-24693650
chr17	24700950	24701050	1274-Lng-A-T	81	chr17:24700950-24701050
chr17	24788650	24788750	1188-Lng-A-T	131	chr17:24788650-24788750
chr17	24814150	24814250	901-Lng-A-T	75	chr17:24814150-24814250
chr17	24988350	24988450	1167-Lng-A-T	133	chr17:24988350-24988450
chr17	25001650	25001750	1151-Lng-A-T	164	chr17:25001650-25001750
chr17	25090050	25090150	1188-Lng-A-T	40	chr17:25090050-25090150
chr17	25146650	25146750	901-Lng-D-T	47	chr17:25146650-25146750
chr17	25202550	25202650	1065-Lng-B-T	51	chr17:25202550-25202650
chr17	25316050	25316150	1100-Lng-A-T	131	chr17:25316050-25316150
chr17	25317950	25318050	1151-Lng-A-T	348	chr17:25317950-25318050
chr17	25402650	25402750	1100-Lng-A-T	121	chr17:25402650-25402750
chr17	25566150	25566250	1100-Lng-A-T	73	chr17:25566150-25566250
chr17	26045050	26045150	1188-Lng-A-T	743	chr17:26045050-26045150
chr17	26068250	26068350	1151-Lng-A-T	444	chr17:26068250-26068350
chr17	26113450	26113550	1100-Lng-A-T	73	chr17:26113450-26113550
chr17	26121550	26121650	1274-Lng-A-T	72	chr17:26121550-26121650
chr17	26187250	26187350	846-Lng-A-T	48	chr17:26187250-26187350
chr17	26190050	26190150	1065-Lng-A-T	372	chr17:26190050-26190150
chr17	26284350	26284450	1223-Lng-B-T	35	chr17:26284350-26284450
chr17	26289550	26289650	1100-Lng-A-T	88	chr17:26289550-26289650
chr17	26376750	26376850	1274-Lng-A-T	58	chr17:26376750-26376850
chr17	26691150	26691250	1072-Lng-A-T	76	chr17:26691150-26691250
chr17	26857950	26858050	1065-Lng-C-T	62	chr17:26857950-26858050
chr17	26873450	26873550	1072-Lng-A-T	128	chr17:26873450-26873550
chr17	26893750	26893850	1223-Lng-A-T	82	chr17:26893750-26893850
chr17	26898750	26898850	1274-Lng-A-T	60	chr17:26898750-26898850
chr17	27335050	27335150	1100-Lng-A-T	64	chr17:27335050-27335150
chr17	28093150	28093250	1100-Lng-A-T	58	chr17:28093150-28093250
chr17	28126450	28126550	1274-Lng-A-T	79	chr17:28126450-28126550
chr17	28186950	28187050	1004-Lng-A-T	53	chr17:28186950-28187050
chr17	28455650	28455750	1274-Lng-A-T	204	chr17:28455650-28455750
chr17	28645450	28645550	1151-Lng-A-T	94	chr17:28645450-28645550
chr17	28750950	28751050	1004-Lng-A-T	169	chr17:28750950-28751050
chr17	28941150	28941250	1152-Lng-A-T	111	chr17:28941150-28941250
chr17	29048250	29048350	901-Lng-A-T	119	chr17:29048250-29048350

Table S2: SB Insertion regions

chr17	29091250	29091350	901-Lng-C-T	28	chr17:29091250-29091350
chr17	29112650	29112750	901-Lng-A-T	91	chr17:29112650-29112750
chr17	29168250	29168350	1274-Lng-A-T	143	chr17:29168250-29168350
chr17	29188650	29188750	1223-Lng-B-T	163	chr17:29188650-29188750
chr17	29616750	29616850	1223-Lng-B-T	55	chr17:29616750-29616850
chr17	30119150	30119250	1004-Lng-A-T	91	chr17:30119150-30119250
chr17	30152850	30152950	1151-Lng-A-T	59	chr17:30152850-30152950
chr17	30169050	30169150	1072-Lng-A-T	59	chr17:30169050-30169150
chr17	30193250	30193350	1152-Lng-A-T	391	chr17:30193250-30193350
chr17	30198350	30198450	901-Lng-A-T	127	chr17:30198350-30198450
chr17	30206650	30206750	1223-Lng-C-T	55	chr17:30206650-30206750
chr17	30233550	30233650	1223-Lng-C-T	45	chr17:30233550-30233650
chr17	30256750	30256850	1152-Lng-A-T	87	chr17:30256750-30256850
chr17	30281450	30281550	901-Lng-C-T	85	chr17:30281450-30281550
chr17	30289450	30289550	1100-Lng-A-T	61	chr17:30289450-30289550
chr17	30320850	30320950	1100-Lng-A-T	66	chr17:30320850-30320950
chr17	30460050	30460150	1065-Lng-A-T	42	chr17:30460050-30460150
chr17	30512450	30512550	901-Lng-B-T	283	chr17:30512450-30512550
chr17	30575250	30575350	901-Lng-A-T	74	chr17:30575250-30575350
chr17	30627150	30627250	1100-Lng-A-T	70	chr17:30627150-30627250
chr17	30675550	30675650	1223-Lng-A-T	100	chr17:30675550-30675650
chr17	30686750	30686850	1152-Lng-A-T	36	chr17:30686750-30686850
chr17	30715650	30715750	1223-Lng-A-T	178	chr17:30715650-30715750
chr17	31416150	31416250	1072-Lng-A-T	328	chr17:31416150-31416250
chr17	31419250	31419350	1100-Lng-A-T	395	chr17:31419250-31419350
chr17	31716250	31716350	846-Lng-A-T	79	chr17:31716250-31716350
chr17	31721850	31721950	1065-Lng-C-T	65	chr17:31721850-31721950
chr17	31752750	31752850	1152-Lng-A-T	62	chr17:31752750-31752850
chr17	31792150	31792250	901-Lng-D-T	72	chr17:31792150-31792250
chr17	31830850	31830950	1167-Lng-A-T	55	chr17:31830850-31830950
chr17	31989650	31989750	1151-Lng-A-T	65	chr17:31989650-31989750
chr17	32264350	32264450	1223-Lng-B-T	129	chr17:32264350-32264450
chr17	32392150	32392250	1274-Lng-A-T	73	chr17:32392150-32392250
chr17	32394450	32394550	1090-Lng-A-T	74	chr17:32394450-32394550
chr17	32444050	32444150	1090-Lng-B-T	139	chr17:32444050-32444150
chr17	32447250	32447350	1004-Lng-A-T	122	chr17:32447250-32447350
chr17	32468650	32468750	1065-Lng-C-T	89	chr17:32468650-32468750
chr17	32668150	32668250	901-Lng-B-T	85	chr17:32668150-32668250
chr17	32924450	32924550	1065-Lng-B-T	52	chr17:32924450-32924550
chr17	33047250	33047350	901-Lng-C-T	32	chr17:33047250-33047350
chr17	33228650	33228750	1065-Lng-B-T	66	chr17:33228650-33228750
chr17	33234150	33234250	1065-Lng-A-T	81	chr17:33234150-33234250
chr17	33237050	33237150	1223-Lng-C-T	43	chr17:33237050-33237150
chr17	33245050	33245150	1100-Lng-A-T	52	chr17:33245050-33245150
chr17	33775750	33775850	901-Lng-C-T	85	chr17:33775750-33775850
chr17	33798250	33798350	1100-Lng-A-T	51	chr17:33798250-33798350

Table S2: SB Insertion regions

chr17	33816350	33816450	1223-Lng-C-T	116	chr17:33816350-33816450
chr17	33889650	33889750	1072-Lng-A-T	51	chr17:33889650-33889750
chr17	34420250	34420350	1223-Lng-D-T	143	chr17:34420250-34420350
chr17	34802750	34802850	901-Lng-D-T	281	chr17:34802750-34802850
chr17	34924850	34924950	846-Lng-A-T	109	chr17:34924850-34924950
chr17	35019350	35019450	1223-Lng-D-T	67	chr17:35019350-35019450
chr17	35124250	35124350	1167-Lng-A-T	476	chr17:35124250-35124350
chr17	35125250	35125350	1223-Lng-C-T	72	chr17:35125250-35125350
chr17	35145950	35146050	1223-Lng-D-T	187	chr17:35145950-35146050
chr17	35178650	35178750	1167-Lng-A-T	84	chr17:35178650-35178750
chr17	35240850	35240950	1167-Lng-A-T	86	chr17:35240850-35240950
chr17	35288950	35289050	1223-Lng-C-T	50	chr17:35288950-35289050
chr17	35297750	35297850	901-Lng-A-T	52	chr17:35297750-35297850
chr17	35919750	35919850	901-Lng-A-T	404	chr17:35919750-35919850
chr17	36178550	36178650	1188-Lng-A-T	118	chr17:36178550-36178650
chr17	36423750	36423850	1065-Lng-B-T	333	chr17:36423750-36423850
chr17	36935050	36935150	1065-Lng-C-T	98	chr17:36935050-36935150
chr17	37141250	37141350	1065-Lng-B-T	48	chr17:37141250-37141350
chr17	37186050	37186150	1223-Lng-C-T	48	chr17:37186050-37186150
chr17	37502150	37502250	1223-Lng-B-T	35	chr17:37502150-37502250
chr17	37720950	37721050	901-Lng-A-T	82	chr17:37720950-37721050
chr17	37725150	37725250	1065-Lng-A-T	237	chr17:37725150-37725250
chr17	37884050	37884150	1274-Lng-A-T	59	chr17:37884050-37884150
chr17	37899150	37899250	1223-Lng-B-T	37	chr17:37899150-37899250
chr17	38110250	38110350	1223-Lng-C-T	50	chr17:38110250-38110350
chr17	38247550	38247650	1065-Lng-B-T	55	chr17:38247550-38247650
chr17	38429550	38429650	901-Lng-C-T	46	chr17:38429550-38429650
chr17	38433550	38433650	1274-Lng-A-T	54	chr17:38433550-38433650
chr17	38753950	38754050	1072-Lng-A-T	51	chr17:38753950-38754050
chr17	38855950	38856050	1065-Lng-A-T	97	chr17:38855950-38856050
chr17	38985850	38985950	1065-Lng-C-T	116	chr17:38985850-38985950
chr17	39073650	39073750	901-Lng-A-T	82	chr17:39073650-39073750
chr17	39226850	39226950	1188-Lng-A-T	38	chr17:39226850-39226950
chr17	39499750	39499850	1100-Lng-A-T	71	chr17:39499750-39499850
chr17	39519350	39519450	1152-Lng-A-T	52	chr17:39519350-39519450
chr17	39923550	39923650	1065-Lng-B-T	60	chr17:39923550-39923650
chr17	40113950	40114050	846-Lng-A-T	71	chr17:40113950-40114050
chr17	40355950	40356050	1274-Lng-A-T	102	chr17:40355950-40356050
chr17	40518950	40519050	1065-Lng-B-T	363	chr17:40518950-40519050
chr17	40696150	40696250	1065-Lng-B-T	84	chr17:40696150-40696250
chr17	40798550	40798650	1223-Lng-D-T	43	chr17:40798550-40798650
chr17	40960250	40960350	846-Lng-A-T	159	chr17:40960250-40960350
chr17	41085450	41085550	1100-Lng-A-T	77	chr17:41085450-41085550
chr17	41416450	41416550	901-Lng-A-T	119	chr17:41416450-41416550
chr17	41440150	41440250	1065-Lng-B-T	53	chr17:41440150-41440250
chr17	41755650	41755750	1065-Lng-A-T	47	chr17:41755650-41755750

Table S2: SB Insertion regions

chr17	41940450	41940550	1065-Lng-C-T	98	chr17:41940450-41940550
chr17	41943950	41944050	901-Lng-B-T	120	chr17:41943950-41944050
chr17	41954450	41954550	1065-Lng-C-T	95	chr17:41954450-41954550
chr17	42092250	42092350	901-Lng-D-T	157	chr17:42092250-42092350
chr17	42766050	42766150	1223-Lng-B-T	58	chr17:42766050-42766150
chr17	42767950	42768050	1188-Lng-A-T	49	chr17:42767950-42768050
chr17	42769150	42769250	1065-Lng-A-T	38	chr17:42769150-42769250
chr17	42838350	42838450	901-Lng-C-T	39	chr17:42838350-42838450
chr17	42931650	42931750	901-Lng-B-T	62	chr17:42931650-42931750
chr17	42956950	42957050	1090-Lng-A-T	129	chr17:42956950-42957050
chr17	42974050	42974150	1100-Lng-A-T	273	chr17:42974050-42974150
chr17	43003250	43003350	1188-Lng-A-T	212	chr17:43003250-43003350
chr17	43005050	43005150	1065-Lng-A-T	62	chr17:43005050-43005150
chr17	43314950	43315050	1188-Lng-A-T	40	chr17:43314950-43315050
chr17	43374350	43374450	901-Lng-A-T	100	chr17:43374350-43374450
chr17	43376550	43376650	846-Lng-A-T	347	chr17:43376550-43376650
chr17	43445450	43445550	1188-Lng-A-T	242	chr17:43445450-43445550
chr17	43563250	43563350	1090-Lng-A-T	95	chr17:43563250-43563350
chr17	43574350	43574450	1274-Lng-A-T	56	chr17:43574350-43574450
chr17	43581850	43581950	1090-Lng-A-T	65	chr17:43581850-43581950
chr17	43595550	43595650	901-Lng-C-T	56	chr17:43595550-43595650
chr17	43638450	43638550	1065-Lng-B-T	56	chr17:43638450-43638550
chr17	43882750	43882850	1151-Lng-A-T	340	chr17:43882750-43882850
chr17	44058450	44058550	901-Lng-C-T	269	chr17:44058450-44058550
chr17	44094150	44094250	1004-Lng-A-T	72	chr17:44094150-44094250
chr17	44259450	44259550	846-Lng-A-T	150	chr17:44259450-44259550
chr17	44284650	44284750	1223-Lng-A-T	211	chr17:44284650-44284750
chr17	44349950	44350050	1100-Lng-A-T	146	chr17:44349950-44350050
chr17	44445050	44445150	1223-Lng-B-T	58	chr17:44445050-44445150
chr17	44476150	44476250	901-Lng-B-T	69	chr17:44476150-44476250
chr17	44847250	44847350	1274-Lng-A-T	58	chr17:44847250-44847350
chr17	44995050	44995150	846-Lng-A-T	221	chr17:44995050-44995150
chr17	45042450	45042550	901-Lng-B-T	100	chr17:45042450-45042550
chr17	45147550	45147650	1223-Lng-C-T	139	chr17:45147550-45147650
chr17	45343150	45343250	1065-Lng-C-T	73	chr17:45343150-45343250
chr17	45577550	45577650	1167-Lng-A-T	67	chr17:45577550-45577650
chr17	45585150	45585250	1223-Lng-B-T	61	chr17:45585150-45585250
chr17	45860850	45860950	1100-Lng-A-T	65	chr17:45860850-45860950
chr17	45887850	45887950	1100-Lng-B-T	51	chr17:45887850-45887950
chr17	46131950	46132050	1274-Lng-A-T	123	chr17:46131950-46132050
chr17	46148850	46148950	1065-Lng-A-T	41	chr17:46148850-46148950
chr17	46306750	46306850	1100-Lng-B-T	110	chr17:46306750-46306850
chr17	46345950	46346050	1223-Lng-A-T	162	chr17:46345950-46346050
chr17	46430250	46430350	901-Lng-B-T	55	chr17:46430250-46430350
chr17	46481150	46481250	1065-Lng-C-T	64	chr17:46481150-46481250
chr17	46554450	46554550	1274-Lng-A-T	109	chr17:46554450-46554550

Table S2: SB Insertion regions

chr17	46706350	46706450	1188-Lng-A-T	86	chr17:46706350-46706450
chr17	46737550	46737650	1223-Lng-B-T	240	chr17:46737550-46737650
chr17	47000250	47000350	1065-Lng-C-T	72	chr17:47000250-47000350
chr17	47126950	47127050	1223-Lng-A-T	171	chr17:47126950-47127050
chr17	47531050	47531150	1223-Lng-C-T	47	chr17:47531050-47531150
chr17	47579950	47580050	1152-Lng-A-T	166	chr17:47579950-47580050
chr17	47683450	47683550	1065-Lng-C-T	118	chr17:47683450-47683550
chr17	47691150	47691250	846-Lng-A-T	70	chr17:47691150-47691250
chr17	47691350	47691450	1100-Lng-A-T	70	chr17:47691350-47691450
chr17	47712150	47712250	1004-Lng-A-T	111	chr17:47712150-47712250
chr17	47814550	47814650	1004-Lng-A-T	78	chr17:47814550-47814650
chr17	47904350	47904450	1004-Lng-A-T	598	chr17:47904350-47904450
chr17	48059650	48059750	1223-Lng-C-T	158	chr17:48059650-48059750
chr17	48072950	48073050	1274-Lng-A-T	49	chr17:48072950-48073050
chr17	48165450	48165550	1188-Lng-A-T	100	chr17:48165450-48165550
chr17	48205250	48205350	1100-Lng-A-T	53	chr17:48205250-48205350
chr17	48205950	48206050	1188-Lng-A-T	35	chr17:48205950-48206050
chr17	48536450	48536550	1274-Lng-A-T	150	chr17:48536450-48536550
chr17	48538550	48538650	1072-Lng-A-T	182	chr17:48538550-48538650
chr17	48882050	48882150	1090-Lng-A-T	88	chr17:48882050-48882150
chr17	49500250	49500350	1151-Lng-A-T	309	chr17:49500250-49500350
chr17	49560150	49560250	1100-Lng-B-T	74	chr17:49560150-49560250
chr17	49697550	49697650	1274-Lng-A-T	51	chr17:49697550-49697650
chr17	49768650	49768750	1065-Lng-B-T	52	chr17:49768650-49768750
chr17	50093350	50093450	1188-Lng-A-T	43	chr17:50093350-50093450
chr17	50221350	50221450	1188-Lng-A-T	41	chr17:50221350-50221450
chr17	50504850	50504950	1223-Lng-D-T	49	chr17:50504850-50504950
chr17	50863650	50863750	1100-Lng-B-T	68	chr17:50863650-50863750
chr17	50962250	50962350	901-Lng-A-T	79	chr17:50962250-50962350
chr17	51065250	51065350	1223-Lng-B-T	260	chr17:51065250-51065350
chr17	51074950	51075050	901-Lng-C-T	34	chr17:51074950-51075050
chr17	51083550	51083650	1152-Lng-A-T	93	chr17:51083550-51083650
chr17	51124250	51124350	1223-Lng-C-T	64	chr17:51124250-51124350
chr17	51137450	51137550	1223-Lng-A-T	93	chr17:51137450-51137550
chr17	51171150	51171250	1004-Lng-A-T	73	chr17:51171150-51171250
chr17	51180450	51180550	901-Lng-B-T	66	chr17:51180450-51180550
chr17	51182050	51182150	901-Lng-B-T	170	chr17:51182050-51182150
chr17	51216350	51216450	1090-Lng-B-T	552	chr17:51216350-51216450
chr17	51280350	51280450	1274-Lng-A-T	78	chr17:51280350-51280450
chr17	51308750	51308850	1223-Lng-D-T	57	chr17:51308750-51308850
chr17	51313950	51314050	1274-Lng-A-T	74	chr17:51313950-51314050
chr17	51606650	51606750	1223-Lng-A-T	95	chr17:51606650-51606750
chr17	51839050	51839150	1223-Lng-B-T	36	chr17:51839050-51839150
chr17	51894550	51894650	1090-Lng-A-T	61	chr17:51894550-51894650
chr17	51934350	51934450	1223-Lng-A-T	122	chr17:51934350-51934450
chr17	52311950	52312050	901-Lng-A-T	77	chr17:52311950-52312050

Table S2: SB Insertion regions

chr17	52411650	52411750	901-Lng-A-T	160	chr17:52411650-52411750
chr17	52529350	52529450	846-Lng-A-T	418	chr17:52529350-52529450
chr17	52576750	52576850	1065-Lng-C-T	717	chr17:52576750-52576850
chr17	52812250	52812350	1090-Lng-A-T	137	chr17:52812250-52812350
chr17	52841150	52841250	1188-Lng-A-T	40	chr17:52841150-52841250
chr17	52858750	52858850	1100-Lng-A-T	95	chr17:52858750-52858850
chr17	52946150	52946250	1065-Lng-B-T	95	chr17:52946150-52946250
chr17	53047950	53048050	901-Lng-C-T	32	chr17:53047950-53048050
chr17	53102350	53102450	1065-Lng-A-T	132	chr17:53102350-53102450
chr17	53145450	53145550	1065-Lng-A-T	74	chr17:53145450-53145550
chr17	53493250	53493350	1072-Lng-A-T	72	chr17:53493250-53493350
chr17	53623850	53623950	1100-Lng-B-T	56	chr17:53623850-53623950
chr17	53767550	53767650	1100-Lng-A-T	55	chr17:53767550-53767650
chr17	53774950	53775050	901-Lng-D-T	82	chr17:53774950-53775050
chr17	53794450	53794550	901-Lng-A-T	92	chr17:53794450-53794550
chr17	54040150	54040250	1188-Lng-A-T	44	chr17:54040150-54040250
chr17	54774650	54774750	846-Lng-A-T	119	chr17:54774650-54774750
chr17	55069050	55069150	1004-Lng-A-T	118	chr17:55069050-55069150
chr17	55186350	55186450	1004-Lng-A-T	124	chr17:55186350-55186450
chr17	55269950	55270050	846-Lng-A-T	183	chr17:55269950-55270050
chr17	55309950	55310050	1072-Lng-A-T	67	chr17:55309950-55310050
chr17	55551150	55551250	1151-Lng-A-T	64	chr17:55551150-55551250
chr17	55640950	55641050	1274-Lng-A-T	64	chr17:55640950-55641050
chr17	55731450	55731550	1152-Lng-A-T	124	chr17:55731450-55731550
chr17	55888850	55888950	1090-Lng-A-T	188	chr17:55888850-55888950
chr17	55925150	55925250	1274-Lng-A-T	238	chr17:55925150-55925250
chr17	56080650	56080750	1090-Lng-A-T	82	chr17:56080650-56080750
chr17	56173850	56173950	1090-Lng-B-T	459	chr17:56173850-56173950
chr17	56225850	56225950	1152-Lng-A-T	144	chr17:56225850-56225950
chr17	56282550	56282650	1274-Lng-A-T	66	chr17:56282550-56282650
chr17	56332250	56332350	1090-Lng-A-T	63	chr17:56332250-56332350
chr17	56337350	56337450	1274-Lng-A-T	150	chr17:56337350-56337450
chr17	56445650	56445750	1223-Lng-D-T	374	chr17:56445650-56445750
chr17	56516050	56516150	1065-Lng-B-T	50	chr17:56516050-56516150
chr17	56580550	56580650	1065-Lng-A-T	105	chr17:56580550-56580650
chr17	56720350	56720450	1072-Lng-A-T	49	chr17:56720350-56720450
chr17	57049650	57049750	1223-Lng-A-T	91	chr17:57049650-57049750
chr17	57305350	57305450	1004-Lng-A-T	112	chr17:57305350-57305450
chr17	58010950	58011050	1223-Lng-D-T	52	chr17:58010950-58011050
chr17	58087150	58087250	1223-Lng-C-T	55	chr17:58087150-58087250
chr17	58140950	58141050	901-Lng-A-T	131	chr17:58140950-58141050
chr17	58349050	58349150	1065-Lng-A-T	63	chr17:58349050-58349150
chr17	58550850	58550950	1223-Lng-D-T	43	chr17:58550850-58550950
chr17	58637250	58637350	1223-Lng-B-T	130	chr17:58637250-58637350
chr17	58854550	58854650	1152-Lng-A-T	82	chr17:58854550-58854650
chr17	58935250	58935350	1065-Lng-C-T	81	chr17:58935250-58935350

Table S2: SB Insertion regions

chr17	59092550	59092650	1100-Lng-A-T	132	chr17:59092550-59092650
chr17	59107650	59107750	846-Lng-A-T	57	chr17:59107650-59107750
chr17	59142050	59142150	1090-Lng-B-T	365	chr17:59142050-59142150
chr17	59263250	59263350	1065-Lng-A-T	55	chr17:59263250-59263350
chr17	59317250	59317350	1152-Lng-A-T	110	chr17:59317250-59317350
chr17	59488050	59488150	1065-Lng-C-T	77	chr17:59488050-59488150
chr17	59519750	59519850	901-Lng-D-T	398	chr17:59519750-59519850
chr17	59547850	59547950	1065-Lng-A-T	89	chr17:59547850-59547950
chr17	59580550	59580650	1090-Lng-A-T	61	chr17:59580550-59580650
chr17	59698750	59698850	1090-Lng-A-T	67	chr17:59698750-59698850
chr17	59784750	59784850	1072-Lng-A-T	205	chr17:59784750-59784850
chr17	59868150	59868250	1100-Lng-A-T	130	chr17:59868150-59868250
chr17	59941350	59941450	1065-Lng-A-T	38	chr17:59941350-59941450
chr17	60028250	60028350	1151-Lng-A-T	77	chr17:60028250-60028350
chr17	60059550	60059650	1223-Lng-B-T	39	chr17:60059550-60059650
chr17	60078350	60078450	901-Lng-C-T	53	chr17:60078350-60078450
chr17	60228050	60228150	1167-Lng-A-T	48	chr17:60228050-60228150
chr17	60313150	60313250	1072-Lng-A-T	121	chr17:60313150-60313250
chr17	60332150	60332250	1167-Lng-A-T	117	chr17:60332150-60332250
chr17	60513750	60513850	1152-Lng-A-T	68	chr17:60513750-60513850
chr17	60624950	60625050	846-Lng-A-T	93	chr17:60624950-60625050
chr17	60777550	60777650	1167-Lng-A-T	65	chr17:60777550-60777650
chr17	60888350	60888450	1152-Lng-A-T	41	chr17:60888350-60888450
chr17	60967650	60967750	1223-Lng-A-T	51	chr17:60967650-60967750
chr17	61105850	61105950	901-Lng-C-T	196	chr17:61105850-61105950
chr17	61107750	61107850	1065-Lng-A-T	49	chr17:61107750-61107850
chr17	61143950	61144050	1065-Lng-C-T	63	chr17:61143950-61144050
chr17	61167750	61167850	1065-Lng-C-T	82	chr17:61167750-61167850
chr17	61272450	61272550	901-Lng-B-T	85	chr17:61272450-61272550
chr17	61279850	61279950	1004-Lng-A-T	95	chr17:61279850-61279950
chr17	61282450	61282550	1152-Lng-A-T	161	chr17:61282450-61282550
chr17	61398750	61398850	901-Lng-C-T	28	chr17:61398750-61398850
chr17	61536450	61536550	1065-Lng-B-T	46	chr17:61536450-61536550
chr17	61589850	61589950	901-Lng-A-T	54	chr17:61589850-61589950
chr17	61643050	61643150	1152-Lng-A-T	73	chr17:61643050-61643150
chr17	61754850	61754950	1065-Lng-C-T	90	chr17:61754850-61754950
chr17	62619450	62619550	1100-Lng-A-T	51	chr17:62619450-62619550
chr17	63057450	63057550	1223-Lng-C-T	80	chr17:63057450-63057550
chr17	63104350	63104450	901-Lng-D-T	316	chr17:63104350-63104450
chr17	63208150	63208250	1065-Lng-B-T	53	chr17:63208150-63208250
chr17	63399650	63399750	1065-Lng-B-T	47	chr17:63399650-63399750
chr17	63407850	63407950	1065-Lng-A-T	122	chr17:63407850-63407950
chr17	63456550	63456650	1188-Lng-A-T	42	chr17:63456550-63456650
chr17	63483350	63483450	846-Lng-A-T	108	chr17:63483350-63483450
chr17	63485050	63485150	1223-Lng-B-T	67	chr17:63485050-63485150
chr17	63501050	63501150	1065-Lng-A-T	35	chr17:63501050-63501150

Table S2: SB Insertion regions

chr17	63507050	63507150	901-Lng-A-T	53	chr17:63507050-63507150
chr17	63508050	63508150	1167-Lng-A-T	113	chr17:63508050-63508150
chr17	63592050	63592150	846-Lng-A-T	172	chr17:63592050-63592150
chr17	63634050	63634150	1188-Lng-A-T	35	chr17:63634050-63634150
chr17	63672950	63673050	846-Lng-A-T	131	chr17:63672950-63673050
chr17	63721850	63721950	1152-Lng-A-T	67	chr17:63721850-63721950
chr17	63804750	63804850	1065-Lng-A-T	44	chr17:63804750-63804850
chr17	63814250	63814350	1065-Lng-C-T	95	chr17:63814250-63814350
chr17	63954350	63954450	1223-Lng-D-T	46	chr17:63954350-63954450
chr17	64135750	64135850	901-Lng-A-T	71	chr17:64135750-64135850
chr17	64247750	64247850	1100-Lng-A-T	58	chr17:64247750-64247850
chr17	64294050	64294150	901-Lng-B-T	319	chr17:64294050-64294150
chr17	64294150	64294250	1167-Lng-A-T	109	chr17:64294150-64294250
chr17	64296950	64297050	1188-Lng-A-T	56	chr17:64296950-64297050
chr17	64301150	64301250	901-Lng-D-T	274	chr17:64301150-64301250
chr17	64410050	64410150	901-Lng-B-T	67	chr17:64410050-64410150
chr17	64638250	64638350	1090-Lng-A-T	84	chr17:64638250-64638350
chr17	64761150	64761250	901-Lng-B-T	144	chr17:64761150-64761250
chr17	64807650	64807750	1274-Lng-A-T	66	chr17:64807650-64807750
chr17	64977650	64977750	1274-Lng-A-T	228	chr17:64977650-64977750
chr17	65034550	65034650	1065-Lng-A-T	87	chr17:65034550-65034650
chr17	65048850	65048950	1065-Lng-B-T	87	chr17:65048850-65048950
chr17	65049550	65049650	901-Lng-C-T	160	chr17:65049550-65049650
chr17	65079550	65079650	1151-Lng-A-T	126	chr17:65079550-65079650
chr17	65088550	65088650	1274-Lng-A-T	107	chr17:65088550-65088650
chr17	65113750	65113850	1065-Lng-A-T	53	chr17:65113750-65113850
chr17	65196050	65196150	901-Lng-A-T	266	chr17:65196050-65196150
chr17	65234050	65234150	846-Lng-A-T	57	chr17:65234050-65234150
chr17	65383550	65383650	1065-Lng-C-T	85	chr17:65383550-65383650
chr17	65397450	65397550	1223-Lng-C-T	45	chr17:65397450-65397550
chr17	65452250	65452350	1274-Lng-A-T	229	chr17:65452250-65452350
chr17	65454850	65454950	1004-Lng-A-T	57	chr17:65454850-65454950
chr17	65570550	65570650	1223-Lng-A-T	112	chr17:65570550-65570650
chr17	65675850	65675950	1065-Lng-C-T	67	chr17:65675850-65675950
chr17	65687150	65687250	901-Lng-B-T	214	chr17:65687150-65687250
chr17	65698650	65698750	1274-Lng-A-T	61	chr17:65698650-65698750
chr17	65910550	65910650	1090-Lng-A-T	100	chr17:65910550-65910650
chr17	65924850	65924950	901-Lng-A-T	52	chr17:65924850-65924950
chr17	65937850	65937950	1152-Lng-A-T	116	chr17:65937850-65937950
chr17	65939550	65939650	1004-Lng-A-T	55	chr17:65939550-65939650
chr17	65944050	65944150	901-Lng-C-T	31	chr17:65944050-65944150
chr17	65957950	65958050	1065-Lng-C-T	443	chr17:65957950-65958050
chr17	66293950	66294050	1274-Lng-A-T	169	chr17:66293950-66294050
chr17	66301350	66301450	1090-Lng-A-T	81	chr17:66301350-66301450
chr17	66310550	66310650	1223-Lng-C-T	52	chr17:66310550-66310650
chr17	66315150	66315250	1004-Lng-A-T	55	chr17:66315150-66315250

Table S2: SB Insertion regions

chr17	66427450	66427550	1090-Lng-A-T	47	chr17:66427450-66427550
chr17	66430350	66430450	1223-Lng-C-T	52	chr17:66430350-66430450
chr17	66442350	66442450	1274-Lng-A-T	187	chr17:66442350-66442450
chr17	66446450	66446550	901-Lng-B-T	133	chr17:66446450-66446550
chr17	66695550	66695650	846-Lng-A-T	58	chr17:66695550-66695650
chr17	66705950	66706050	1065-Lng-B-T	222	chr17:66705950-66706050
chr17	66765650	66765750	901-Lng-A-T	73	chr17:66765650-66765750
chr17	66908450	66908550	1100-Lng-A-T	118	chr17:66908450-66908550
chr17	67010250	67010350	901-Lng-A-T	78	chr17:67010250-67010350
chr17	67021450	67021550	1151-Lng-A-T	95	chr17:67021450-67021550
chr17	67087050	67087150	846-Lng-A-T	72	chr17:67087050-67087150
chr17	67126050	67126150	1152-Lng-A-T	40	chr17:67126050-67126150
chr17	67243250	67243350	1152-Lng-A-T	77	chr17:67243250-67243350
chr17	67273350	67273450	1065-Lng-C-T	63	chr17:67273350-67273450
chr17	67277550	67277650	1274-Lng-A-T	81	chr17:67277550-67277650
chr17	67398250	67398350	1223-Lng-A-T	230	chr17:67398250-67398350
chr17	67404450	67404550	1072-Lng-A-T	75	chr17:67404450-67404550
chr17	67411650	67411750	1065-Lng-C-T	93	chr17:67411650-67411750
chr17	67428350	67428450	1090-Lng-A-T	110	chr17:67428350-67428450
chr17	67479450	67479550	1167-Lng-A-T	60	chr17:67479450-67479550
chr17	67523250	67523350	1065-Lng-A-T	50	chr17:67523250-67523350
chr17	67611450	67611550	1100-Lng-A-T	70	chr17:67611450-67611550
chr17	67614150	67614250	901-Lng-B-T	101	chr17:67614150-67614250
chr17	67655850	67655950	1065-Lng-A-T	71	chr17:67655850-67655950
chr17	67682750	67682850	1223-Lng-C-T	49	chr17:67682750-67682850
chr17	67875850	67875950	1152-Lng-A-T	82	chr17:67875850-67875950
chr17	67891050	67891150	846-Lng-A-T	150	chr17:67891050-67891150
chr17	68318050	68318150	1065-Lng-B-T	59	chr17:68318050-68318150
chr17	68404950	68405050	1072-Lng-A-T	63	chr17:68404950-68405050
chr17	68614850	68614950	1065-Lng-C-T	80	chr17:68614850-68614950
chr17	68770150	68770250	846-Lng-A-T	137	chr17:68770150-68770250
chr17	68876450	68876550	1274-Lng-A-T	142	chr17:68876450-68876550
chr17	69235850	69235950	1274-Lng-A-T	53	chr17:69235850-69235950
chr17	69240850	69240950	1151-Lng-A-T	277	chr17:69240850-69240950
chr17	69306050	69306150	1090-Lng-B-T	109	chr17:69306050-69306150
chr17	69548550	69548650	1090-Lng-A-T	82	chr17:69548550-69548650
chr17	69651450	69651550	1065-Lng-C-T	107	chr17:69651450-69651550
chr17	69772150	69772250	1223-Lng-A-T	124	chr17:69772150-69772250
chr17	70046950	70047050	1090-Lng-A-T	121	chr17:70046950-70047050
chr17	70328350	70328450	1223-Lng-B-T	36	chr17:70328350-70328450
chr17	70429650	70429750	846-Lng-A-T	43	chr17:70429650-70429750
chr17	70536650	70536750	1065-Lng-B-T	65	chr17:70536650-70536750
chr17	70595850	70595950	901-Lng-A-T	109	chr17:70595850-70595950
chr17	70618650	70618750	1065-Lng-B-T	69	chr17:70618650-70618750
chr17	70799750	70799850	1072-Lng-A-T	120	chr17:70799750-70799850
chr17	71206450	71206550	1151-Lng-A-T	100	chr17:71206450-71206550

Table S2: SB Insertion regions

chr17	71350050	71350150	901-Lng-A-T	67	chr17:71350050-71350150
chr17	71480050	71480150	1274-Lng-A-T	79	chr17:71480050-71480150
chr17	71516950	71517050	1274-Lng-A-T	54	chr17:71516950-71517050
chr17	71572750	71572850	1188-Lng-A-T	52	chr17:71572750-71572850
chr17	71582550	71582650	1004-Lng-A-T	122	chr17:71582550-71582650
chr17	71583350	71583450	1065-Lng-A-T	55	chr17:71583350-71583450
chr17	71592250	71592350	1004-Lng-A-T	60	chr17:71592250-71592350
chr17	71601950	71602050	1100-Lng-A-T	110	chr17:71601950-71602050
chr17	71708550	71708650	1223-Lng-B-T	46	chr17:71708550-71708650
chr17	71714350	71714450	1065-Lng-A-T	37	chr17:71714350-71714450
chr17	71723950	71724050	1223-Lng-C-T	468	chr17:71723950-71724050
chr17	71753350	71753450	1223-Lng-C-T	57	chr17:71753350-71753450
chr17	72061150	72061250	1065-Lng-B-T	39	chr17:72061150-72061250
chr17	72075050	72075150	1100-Lng-A-T	83	chr17:72075050-72075150
chr17	72240650	72240750	846-Lng-A-T	53	chr17:72240650-72240750
chr17	72244250	72244350	1065-Lng-A-T	434	chr17:72244250-72244350
chr17	72725750	72725850	1065-Lng-C-T	66	chr17:72725750-72725850
chr17	72867150	72867250	1065-Lng-B-T	101	chr17:72867150-72867250
chr17	72986550	72986650	1274-Lng-A-T	59	chr17:72986550-72986650
chr17	73175850	73175950	1152-Lng-A-T	56	chr17:73175850-73175950
chr17	73197850	73197950	1100-Lng-A-T	54	chr17:73197850-73197950
chr17	73236350	73236450	901-Lng-C-T	113	chr17:73236350-73236450
chr17	73330250	73330350	1065-Lng-A-T	47	chr17:73330250-73330350
chr17	73351750	73351850	1065-Lng-A-T	41	chr17:73351750-73351850
chr17	73364650	73364750	1072-Lng-A-T	58	chr17:73364650-73364750
chr17	73428850	73428950	901-Lng-D-T	108	chr17:73428850-73428950
chr17	73862350	73862450	901-Lng-D-T	62	chr17:73862350-73862450
chr17	74077250	74077350	1090-Lng-A-T	54	chr17:74077250-74077350
chr17	74243850	74243950	1100-Lng-A-T	51	chr17:74243850-74243950
chr17	74491850	74491950	1065-Lng-B-T	41	chr17:74491850-74491950
chr17	74621250	74621350	1072-Lng-A-T	49	chr17:74621250-74621350
chr17	74632950	74633050	1090-Lng-A-T	88	chr17:74632950-74633050
chr17	74636350	74636450	1065-Lng-A-T	75	chr17:74636350-74636450
chr17	74668050	74668150	1274-Lng-A-T	54	chr17:74668050-74668150
chr17	74692850	74692950	846-Lng-A-T	105	chr17:74692850-74692950
chr17	74739750	74739850	1152-Lng-A-T	36	chr17:74739750-74739850
chr17	74761250	74761350	1090-Lng-A-T	46	chr17:74761250-74761350
chr17	74957250	74957350	846-Lng-A-T	2744	chr17:74957250-74957350
chr17	75001850	75001950	1152-Lng-A-T	185	chr17:75001850-75001950
chr17	75014550	75014650	1065-Lng-C-T	98	chr17:75014550-75014650
chr17	75022850	75022950	1072-Lng-A-T	220	chr17:75022850-75022950
chr17	75066750	75066850	1100-Lng-A-T	53	chr17:75066750-75066850
chr17	75069950	75070050	1004-Lng-A-T	74	chr17:75069950-75070050
chr17	75070450	75070550	901-Lng-A-T	146	chr17:75070450-75070550
chr17	75099550	75099650	846-Lng-A-T	137	chr17:75099550-75099650
chr17	75113650	75113750	1090-Lng-A-T	83	chr17:75113650-75113750

Table S2: SB Insertion regions

chr17	75351450	75351550	1100-Lng-A-T	55	chr17:75351450-75351550
chr17	75616750	75616850	1065-Lng-B-T	55	chr17:75616750-75616850
chr17	75664350	75664450	901-Lng-A-T	77	chr17:75664350-75664450
chr17	75664950	75665050	901-Lng-C-T	235	chr17:75664950-75665050
chr17	76147050	76147150	1100-Lng-A-T	57	chr17:76147050-76147150
chr17	76402550	76402650	1274-Lng-A-T	55	chr17:76402550-76402650
chr17	77116850	77116950	1065-Lng-A-T	66	chr17:77116850-77116950
chr17	77187650	77187750	1152-Lng-A-T	89	chr17:77187650-77187750
chr17	77219050	77219150	901-Lng-C-T	39	chr17:77219050-77219150
chr17	77229050	77229150	1167-Lng-A-T	87	chr17:77229050-77229150
chr17	77369350	77369450	1065-Lng-A-T	87	chr17:77369350-77369450
chr17	77478350	77478450	1100-Lng-A-T	149	chr17:77478350-77478450
chr17	77675550	77675650	901-Lng-B-T	105	chr17:77675550-77675650
chr17	77715550	77715650	1274-Lng-A-T	53	chr17:77715550-77715650
chr17	77889350	77889450	1090-Lng-A-T	80	chr17:77889350-77889450
chr17	77950150	77950250	1090-Lng-A-T	82	chr17:77950150-77950250
chr17	77995950	77996050	1274-Lng-A-T	187	chr17:77995950-77996050
chr17	78166950	78167050	1065-Lng-A-T	52	chr17:78166950-78167050
chr17	78262550	78262650	1090-Lng-A-T	70	chr17:78262550-78262650
chr17	78547450	78547550	1090-Lng-A-T	151	chr17:78547450-78547550
chr17	78672150	78672250	1090-Lng-A-T	88	chr17:78672150-78672250
chr17	78711250	78711350	901-Lng-D-T	368	chr17:78711250-78711350
chr17	78962850	78962950	1004-Lng-A-T	83	chr17:78962850-78962950
chr17	79053150	79053250	1188-Lng-A-T	38	chr17:79053150-79053250
chr17	79113850	79113950	1100-Lng-A-T	105	chr17:79113850-79113950
chr17	79124650	79124750	1223-Lng-C-T	54	chr17:79124650-79124750
chr17	79462950	79463050	1274-Lng-A-T	209	chr17:79462950-79463050
chr17	79493150	79493250	1100-Lng-A-T	278	chr17:79493150-79493250
chr17	79538650	79538750	1223-Lng-C-T	45	chr17:79538650-79538750
chr17	79582750	79582850	1167-Lng-A-T	71	chr17:79582750-79582850
chr17	79725450	79725550	1065-Lng-B-T	58	chr17:79725450-79725550
chr17	79995650	79995750	1090-Lng-A-T	53	chr17:79995650-79995750
chr17	80116350	80116450	901-Lng-B-T	58	chr17:80116350-80116450
chr17	80262350	80262450	1090-Lng-A-T	46	chr17:80262350-80262450
chr17	80275750	80275850	1188-Lng-A-T	268	chr17:80275750-80275850
chr17	80280850	80280950	1274-Lng-A-T	144	chr17:80280850-80280950
chr17	80285650	80285750	1274-Lng-A-T	137	chr17:80285650-80285750
chr17	80421550	80421650	1090-Lng-A-T	54	chr17:80421550-80421650
chr17	80425850	80425950	1100-Lng-A-T	74	chr17:80425850-80425950
chr17	80438650	80438750	1072-Lng-A-T	55	chr17:80438650-80438750
chr17	80438950	80439050	1223-Lng-B-T	211	chr17:80438950-80439050
chr17	80454350	80454450	846-Lng-A-T	161	chr17:80454350-80454450
chr17	80536350	80536450	1072-Lng-A-T	51	chr17:80536350-80536450
chr17	80597150	80597250	846-Lng-A-T	848	chr17:80597150-80597250
chr17	80599450	80599550	1274-Lng-A-T	99	chr17:80599450-80599550
chr17	80667750	80667850	901-Lng-C-T	178	chr17:80667750-80667850

Table S2: SB Insertion regions

chr17	80996650	80996750	1223-Lng-C-T	49	chr17:80996650-80996750
chr17	81005550	81005650	1090-Lng-B-T	477	chr17:81005550-81005650
chr17	81008450	81008550	1100-Lng-A-T	59	chr17:81008450-81008550
chr17	81021550	81021650	1167-Lng-A-T	85	chr17:81021550-81021650
chr17	81036450	81036550	901-Lng-B-T	246	chr17:81036450-81036550
chr17	81038650	81038750	901-Lng-D-T	95	chr17:81038650-81038750
chr17	81063050	81063150	901-Lng-A-T	227	chr17:81063050-81063150
chr17	81075950	81076050	901-Lng-A-T	123	chr17:81075950-81076050
chr17	81087450	81087550	1072-Lng-A-T	73	chr17:81087450-81087550
chr17	81102850	81102950	1151-Lng-A-T	222	chr17:81102850-81102950
chr17	81107250	81107350	1274-Lng-A-T	151	chr17:81107250-81107350
chr17	81311250	81311350	1223-Lng-B-T	64	chr17:81311250-81311350
chr17	81363850	81363950	1223-Lng-B-T	35	chr17:81363850-81363950
chr17	81490950	81491050	1065-Lng-C-T	69	chr17:81490950-81491050
chr17	81708150	81708250	1223-Lng-D-T	43	chr17:81708150-81708250
chr17	81935450	81935550	1223-Lng-B-T	83	chr17:81935450-81935550
chr17	82063650	82063750	1065-Lng-C-T	96	chr17:82063650-82063750
chr17	82125950	82126050	1152-Lng-A-T	139	chr17:82125950-82126050
chr17	82643150	82643250	1152-Lng-A-T	150	chr17:82643150-82643250
chr17	82895550	82895650	1072-Lng-A-T	250	chr17:82895550-82895650
chr17	82944650	82944750	1090-Lng-A-T	47	chr17:82944650-82944750
chr17	83449350	83449450	1065-Lng-C-T	61	chr17:83449350-83449450
chr17	83606550	83606650	1151-Lng-A-T	118	chr17:83606550-83606650
chr17	83728650	83728750	1151-Lng-A-T	76	chr17:83728650-83728750
chr17	83764950	83765050	1065-Lng-A-T	76	chr17:83764950-83765050
chr17	83768750	83768850	1090-Lng-B-T	607	chr17:83768750-83768850
chr17	83781850	83781950	1100-Lng-B-T	57	chr17:83781850-83781950
chr17	83788350	83788450	901-Lng-D-T	148	chr17:83788350-83788450
chr17	83801150	83801250	1151-Lng-A-T	71	chr17:83801150-83801250
chr17	83804750	83804850	1223-Lng-A-T	131	chr17:83804750-83804850
chr17	83861550	83861650	1090-Lng-B-T	85	chr17:83861550-83861650
chr17	83882950	83883050	1223-Lng-A-T	134	chr17:83882950-83883050
chr17	84281750	84281850	1065-Lng-C-T	65	chr17:84281750-84281850
chr17	84487350	84487450	1151-Lng-A-T	55	chr17:84487350-84487450
chr17	84627950	84628050	901-Lng-C-T	55	chr17:84627950-84628050
chr17	84769750	84769850	1223-Lng-A-T	313	chr17:84769750-84769850
chr17	84770550	84770650	1090-Lng-A-T	98	chr17:84770550-84770650
chr17	84779850	84779950	1065-Lng-A-T	517	chr17:84779850-84779950
chr17	84785550	84785650	901-Lng-A-T	79	chr17:84785550-84785650
chr17	84823650	84823750	1274-Lng-A-T	71	chr17:84823650-84823750
chr17	84831050	84831150	1223-Lng-D-T	53	chr17:84831050-84831150
chr17	85033750	85033850	1065-Lng-B-T	58	chr17:85033750-85033850
chr17	85108850	85108950	901-Lng-D-T	60	chr17:85108850-85108950
chr17	85358350	85358450	1223-Lng-A-T	226	chr17:85358350-85358450
chr17	85361250	85361350	1065-Lng-B-T	93	chr17:85361250-85361350
chr17	85361250	85361350	901-Lng-B-T	267	chr17:85361250-85361350

Table S2: SB Insertion regions

chr17	85382350	85382450	1100-Lng-A-T	64	chr17:85382350-85382450
chr17	85848850	85848950	1152-Lng-A-T	53	chr17:85848850-85848950
chr17	85880350	85880450	1065-Lng-A-T	35	chr17:85880350-85880450
chr17	86006150	86006250	1072-Lng-A-T	50	chr17:86006150-86006250
chr17	86593350	86593450	1274-Lng-A-T	186	chr17:86593350-86593450
chr17	86660550	86660650	1152-Lng-A-T	96	chr17:86660550-86660650
chr17	86668650	86668750	1065-Lng-A-T	46	chr17:86668650-86668750
chr17	86775950	86776050	1065-Lng-A-T	232	chr17:86775950-86776050
chr17	87003550	87003650	1065-Lng-B-T	59	chr17:87003550-87003650
chr17	87173650	87173750	1151-Lng-A-T	58	chr17:87173650-87173750
chr17	87174750	87174850	1100-Lng-A-T	89	chr17:87174750-87174850
chr17	87191950	87192050	1100-Lng-A-T	51	chr17:87191950-87192050
chr17	87210350	87210450	901-Lng-C-T	102	chr17:87210350-87210450
chr17	87311550	87311650	901-Lng-A-T	95	chr17:87311550-87311650
chr17	87336450	87336550	1223-Lng-D-T	40	chr17:87336450-87336550
chr17	87380550	87380650	1151-Lng-A-T	623	chr17:87380550-87380650
chr17	87388650	87388750	1188-Lng-A-T	138	chr17:87388650-87388750
chr17	87402550	87402650	1090-Lng-A-T	112	chr17:87402550-87402650
chr17	87430250	87430350	1065-Lng-B-T	70	chr17:87430250-87430350
chr17	87679750	87679850	1167-Lng-A-T	62	chr17:87679750-87679850
chr17	87767750	87767850	1090-Lng-B-T	156	chr17:87767750-87767850
chr17	87801350	87801450	1072-Lng-A-T	60	chr17:87801350-87801450
chr17	87843450	87843550	1188-Lng-A-T	53	chr17:87843450-87843550
chr17	87884550	87884650	1151-Lng-A-T	82	chr17:87884550-87884650
chr17	87924050	87924150	1188-Lng-A-T	62	chr17:87924050-87924150
chr17	88443950	88444050	1100-Lng-A-T	101	chr17:88443950-88444050
chr17	88458150	88458250	1100-Lng-B-T	63	chr17:88458150-88458250
chr17	88462950	88463050	1090-Lng-A-T	965	chr17:88462950-88463050
chr17	88498750	88498850	1065-Lng-C-T	72	chr17:88498750-88498850
chr17	88531150	88531250	1223-Lng-A-T	165	chr17:88531150-88531250
chr17	88555050	88555150	1072-Lng-A-T	81	chr17:88555050-88555150
chr17	88813250	88813350	901-Lng-B-T	35	chr17:88813250-88813350
chr17	88845950	88846050	1223-Lng-A-T	2203	chr17:88845950-88846050
chr17	88946150	88946250	846-Lng-A-T	50	chr17:88946150-88946250
chr17	88981450	88981550	1188-Lng-A-T	108	chr17:88981450-88981550
chr17	89386550	89386650	901-Lng-C-T	279	chr17:89386550-89386650
chr17	89441250	89441350	1152-Lng-A-T	69	chr17:89441250-89441350
chr17	89488750	89488850	1065-Lng-A-T	55	chr17:89488750-89488850
chr17	89539750	89539850	1065-Lng-A-T	49	chr17:89539750-89539850
chr17	89746650	89746750	901-Lng-A-T	70	chr17:89746650-89746750
chr17	89963550	89963650	1004-Lng-A-T	64	chr17:89963550-89963650
chr17	89980750	89980850	1065-Lng-A-T	65	chr17:89980750-89980850
chr17	90035250	90035350	901-Lng-B-T	200	chr17:90035250-90035350
chr17	90131550	90131650	1065-Lng-B-T	52	chr17:90131550-90131650
chr17	90205050	90205150	1223-Lng-A-T	361	chr17:90205050-90205150
chr17	90351650	90351750	1065-Lng-A-T	137	chr17:90351650-90351750

Table S2: SB Insertion regions

chr17	90415250	90415350	1090-Lng-A-T	47	chr17:90415250-90415350
chr17	90444750	90444850	1090-Lng-A-T	50	chr17:90444750-90444850
chr17	90468950	90469050	1090-Lng-B-T	863	chr17:90468950-90469050
chr17	90551750	90551850	901-Lng-B-T	297	chr17:90551750-90551850
chr17	90563450	90563550	1223-Lng-D-T	47	chr17:90563450-90563550
chr17	90620150	90620250	901-Lng-B-T	146	chr17:90620150-90620250
chr17	90634450	90634550	1065-Lng-A-T	100	chr17:90634450-90634550
chr17	90657450	90657550	1100-Lng-B-T	61	chr17:90657450-90657550
chr17	90770550	90770650	1100-Lng-B-T	118	chr17:90770550-90770650
chr17	90788450	90788550	901-Lng-B-T	129	chr17:90788450-90788550
chr17	90790950	90791050	1223-Lng-C-T	63	chr17:90790950-90791050
chr17	90834250	90834350	901-Lng-A-T	110	chr17:90834250-90834350
chr17	90997750	90997850	1065-Lng-B-T	45	chr17:90997750-90997850
chr17	91004650	91004750	1152-Lng-A-T	46	chr17:91004650-91004750
chr17	91028850	91028950	1188-Lng-A-T	117	chr17:91028850-91028950
chr17	91035950	91036050	901-Lng-C-T	33	chr17:91035950-91036050
chr17	91097850	91097950	1065-Lng-A-T	105	chr17:91097850-91097950
chr17	91111650	91111750	846-Lng-A-T	170	chr17:91111650-91111750
chr17	91130050	91130150	901-Lng-C-T	47	chr17:91130050-91130150
chr17	91182250	91182350	901-Lng-C-T	97	chr17:91182250-91182350
chr17	91212950	91213050	1167-Lng-A-T	76	chr17:91212950-91213050
chr17	91250850	91250950	1151-Lng-A-T	78	chr17:91250850-91250950
chr17	91285350	91285450	1167-Lng-A-T	156	chr17:91285350-91285450
chr17	91299250	91299350	1090-Lng-B-T	89	chr17:91299250-91299350
chr17	91373350	91373450	1152-Lng-A-T	414	chr17:91373350-91373450
chr17	91564450	91564550	1274-Lng-A-T	157	chr17:91564450-91564550
chr17	91882750	91882850	901-Lng-A-T	100	chr17:91882750-91882850
chr17	91885150	91885250	1223-Lng-C-T	53	chr17:91885150-91885250
chr17	92021150	92021250	1004-Lng-A-T	56	chr17:92021150-92021250
chr17	92195450	92195550	1090-Lng-A-T	117	chr17:92195450-92195550
chr17	92296850	92296950	1223-Lng-A-T	153	chr17:92296850-92296950
chr17	92769250	92769350	901-Lng-B-T	277	chr17:92769250-92769350
chr17	92929850	92929950	1152-Lng-A-T	39	chr17:92929850-92929950
chr17	93347950	93348050	1151-Lng-A-T	251	chr17:93347950-93348050
chr17	93369650	93369750	1274-Lng-A-T	148	chr17:93369650-93369750
chr17	93672550	93672650	901-Lng-D-T	246	chr17:93672550-93672650
chr17	93708450	93708550	901-Lng-B-T	201	chr17:93708450-93708550
chr17	93725950	93726050	901-Lng-B-T	196	chr17:93725950-93726050
chr17	93865750	93865850	1274-Lng-A-T	51	chr17:93865750-93865850
chr17	94005350	94005450	1188-Lng-A-T	46	chr17:94005350-94005450
chr17	94029450	94029550	1223-Lng-A-T	106	chr17:94029450-94029550
chr17	94060050	94060150	1223-Lng-B-T	41	chr17:94060050-94060150
chr17	94213550	94213650	1223-Lng-A-T	71	chr17:94213550-94213650
chr17	94452350	94452450	1223-Lng-B-T	176	chr17:94452350-94452450
chr17	94487750	94487850	1151-Lng-A-T	69	chr17:94487750-94487850
chr17	94895250	94895350	1223-Lng-B-T	43	chr17:94895250-94895350

Table S2: SB Insertion regions

chr17	94896050	94896150	1090-Lng-B-T	471	chr17:94896050-94896150
chr17	94962550	94962650	846-Lng-A-T	93	chr17:94962550-94962650
chr17	95054550	95054650	1065-Lng-A-T	34	chr17:95054550-95054650
chr17	95100150	95100250	901-Lng-B-T	163	chr17:95100150-95100250
chr17	95219350	95219450	1100-Lng-B-T	67	chr17:95219350-95219450
chr17	95233250	95233350	1090-Lng-A-T	83	chr17:95233250-95233350
chr18	3005750	3005850	1065-Lng-A-T	46	chr18:3005750-3005850
chr18	3005850	3005950	846-Lng-A-T	444	chr18:3005850-3005950
chr18	3042050	3042150	901-Lng-B-T	262	chr18:3042050-3042150
chr18	3396250	3396350	1274-Lng-A-T	56	chr18:3396250-3396350
chr18	3464450	3464550	1065-Lng-A-T	59	chr18:3464450-3464550
chr18	3897850	3897950	1072-Lng-A-T	49	chr18:3897850-3897950
chr18	3938150	3938250	1072-Lng-A-T	55	chr18:3938150-3938250
chr18	3967150	3967250	901-Lng-A-T	51	chr18:3967150-3967250
chr18	4145550	4145650	1090-Lng-B-T	230	chr18:4145550-4145650
chr18	4315950	4316050	1223-Lng-B-T	1952	chr18:4315950-4316050
chr18	4332450	4332550	1223-Lng-B-T	2592	chr18:4332450-4332550
chr18	4332450	4332550	1167-Lng-A-T	15238	chr18:4332450-4332550
chr18	4332650	4332750	1223-Lng-C-T	4276	chr18:4332650-4332750
chr18	4332750	4332850	1004-Lng-A-T	13115	chr18:4332750-4332850
chr18	4332950	4333050	1223-Lng-D-T	3486	chr18:4332950-4333050
chr18	4333150	4333250	1223-Lng-D-T	74	chr18:4333150-4333250
chr18	4337150	4337250	1223-Lng-B-T	84	chr18:4337150-4337250
chr18	4337750	4337850	1167-Lng-A-T	74	chr18:4337750-4337850
chr18	4350550	4350650	1167-Lng-A-T	65	chr18:4350550-4350650
chr18	4384650	4384750	1223-Lng-B-T	151	chr18:4384650-4384750
chr18	4402950	4403050	1090-Lng-A-T	56	chr18:4402950-4403050
chr18	4649950	4650050	1090-Lng-A-T	949	chr18:4649950-4650050
chr18	4756150	4756250	1090-Lng-A-T	100	chr18:4756150-4756250
chr18	4932950	4933050	1223-Lng-B-T	35	chr18:4932950-4933050
chr18	4948150	4948250	1274-Lng-A-T	51	chr18:4948150-4948250
chr18	4952550	4952650	1151-Lng-A-T	67	chr18:4952550-4952650
chr18	4963450	4963550	1223-Lng-A-T	76	chr18:4963450-4963550
chr18	4979950	4980050	1152-Lng-A-T	99	chr18:4979950-4980050
chr18	5019650	5019750	1065-Lng-B-T	199	chr18:5019650-5019750
chr18	5060550	5060650	1100-Lng-A-T	110	chr18:5060550-5060650
chr18	5072650	5072750	1090-Lng-B-T	548	chr18:5072650-5072750
chr18	5078450	5078550	1065-Lng-A-T	35	chr18:5078450-5078550
chr18	5105950	5106050	1004-Lng-A-T	56	chr18:5105950-5106050
chr18	5108350	5108450	901-Lng-D-T	141	chr18:5108350-5108450
chr18	5121050	5121150	1065-Lng-C-T	65	chr18:5121050-5121150
chr18	5126950	5127050	1090-Lng-A-T	778	chr18:5126950-5127050
chr18	5132150	5132250	1223-Lng-A-T	1495	chr18:5132150-5132250
chr18	5242450	5242550	1065-Lng-B-T	87	chr18:5242450-5242550
chr18	5244050	5244150	1072-Lng-A-T	179	chr18:5244050-5244150
chr18	5303450	5303550	846-Lng-A-T	89	chr18:5303450-5303550

Table S2: SB Insertion regions

chr18	5630850	5630950	1188-Lng-A-T	37	chr18:5630850-5630950
chr18	5639550	5639650	1223-Lng-C-T	174	chr18:5639550-5639650
chr18	5669050	5669150	901-Lng-C-T	41	chr18:5669050-5669150
chr18	6059450	6059550	1090-Lng-B-T	973	chr18:6059450-6059550
chr18	6074750	6074850	1065-Lng-A-T	43	chr18:6074750-6074850
chr18	6117650	6117750	1274-Lng-A-T	67	chr18:6117650-6117750
chr18	6128650	6128750	1151-Lng-A-T	67	chr18:6128650-6128750
chr18	6197450	6197550	1065-Lng-B-T	129	chr18:6197450-6197550
chr18	6205750	6205850	1167-Lng-A-T	47	chr18:6205750-6205850
chr18	6209150	6209250	1004-Lng-A-T	70	chr18:6209150-6209250
chr18	6438850	6438950	1274-Lng-A-T	225	chr18:6438850-6438950
chr18	6483650	6483750	1152-Lng-A-T	254	chr18:6483650-6483750
chr18	6484850	6484950	901-Lng-D-T	156	chr18:6484850-6484950
chr18	6487450	6487550	1274-Lng-A-T	169	chr18:6487450-6487550
chr18	6503550	6503650	901-Lng-D-T	277	chr18:6503550-6503650
chr18	6617750	6617850	1004-Lng-A-T	124	chr18:6617750-6617850
chr18	6671250	6671350	1090-Lng-A-T	73	chr18:6671250-6671350
chr18	6777750	6777850	1090-Lng-A-T	99	chr18:6777750-6777850
chr18	6778250	6778350	1223-Lng-B-T	49	chr18:6778250-6778350
chr18	6779250	6779350	901-Lng-B-T	37	chr18:6779250-6779350
chr18	6790550	6790650	1223-Lng-C-T	45	chr18:6790550-6790650
chr18	6812350	6812450	1072-Lng-A-T	55	chr18:6812350-6812450
chr18	6943350	6943450	1004-Lng-A-T	68	chr18:6943350-6943450
chr18	7093650	7093750	1090-Lng-A-T	53	chr18:7093650-7093750
chr18	7157250	7157350	1152-Lng-A-T	44	chr18:7157250-7157350
chr18	7239850	7239950	1274-Lng-A-T	94	chr18:7239850-7239950
chr18	7334050	7334150	846-Lng-A-T	106	chr18:7334050-7334150
chr18	7340350	7340450	1065-Lng-A-T	41	chr18:7340350-7340450
chr18	7522550	7522650	901-Lng-A-T	284	chr18:7522550-7522650
chr18	7559750	7559850	901-Lng-C-T	53	chr18:7559750-7559850
chr18	7611150	7611250	1223-Lng-B-T	37	chr18:7611150-7611250
chr18	7697850	7697950	1065-Lng-B-T	47	chr18:7697850-7697950
chr18	7722650	7722750	901-Lng-D-T	118	chr18:7722650-7722750
chr18	7833650	7833750	1223-Lng-C-T	52	chr18:7833650-7833750
chr18	7840450	7840550	1072-Lng-A-T	60	chr18:7840450-7840550
chr18	7878950	7879050	1274-Lng-A-T	66	chr18:7878950-7879050
chr18	7879150	7879250	1223-Lng-D-T	49	chr18:7879150-7879250
chr18	7897050	7897150	1152-Lng-A-T	35	chr18:7897050-7897150
chr18	7898250	7898350	901-Lng-C-T	205	chr18:7898250-7898350
chr18	7898550	7898650	1188-Lng-A-T	48	chr18:7898550-7898650
chr18	7902450	7902550	1090-Lng-A-T	113	chr18:7902450-7902550
chr18	7910350	7910450	1274-Lng-A-T	56	chr18:7910350-7910450
chr18	7921550	7921650	901-Lng-A-T	57	chr18:7921550-7921650
chr18	7921750	7921850	1100-Lng-B-T	60	chr18:7921750-7921850
chr18	7922850	7922950	1167-Lng-A-T	125	chr18:7922850-7922950
chr18	7928350	7928450	1188-Lng-A-T	63	chr18:7928350-7928450

Table S2: SB Insertion regions

chr18	7953350	7953450	1152-Lng-A-T	112	chr18:7953350-7953450
chr18	8028050	8028150	1223-Lng-A-T	1836	chr18:8028050-8028150
chr18	8028050	8028150	1223-Lng-A-T	645	chr18:8028050-8028150
chr18	8103050	8103150	1152-Lng-A-T	86	chr18:8103050-8103150
chr18	8370250	8370350	1152-Lng-A-T	73	chr18:8370250-8370350
chr18	8385450	8385550	1151-Lng-A-T	74	chr18:8385450-8385550
chr18	8823750	8823850	1100-Lng-A-T	114	chr18:8823750-8823850
chr18	9085850	9085950	1151-Lng-A-T	66	chr18:9085850-9085950
chr18	9090850	9090950	1223-Lng-C-T	61	chr18:9090850-9090950
chr18	9313350	9313450	1090-Lng-A-T	74	chr18:9313350-9313450
chr18	9330350	9330450	1151-Lng-A-T	99	chr18:9330350-9330450
chr18	9331750	9331850	846-Lng-A-T	132	chr18:9331750-9331850
chr18	9350950	9351050	846-Lng-A-T	62	chr18:9350950-9351050
chr18	9351550	9351650	1004-Lng-A-T	78	chr18:9351550-9351650
chr18	9389050	9389150	1151-Lng-A-T	55	chr18:9389050-9389150
chr18	9433950	9434050	1072-Lng-A-T	253	chr18:9433950-9434050
chr18	9436250	9436350	1072-Lng-A-T	61	chr18:9436250-9436350
chr18	10000850	10000950	1167-Lng-A-T	47	chr18:10000850-10000950
chr18	10051650	10051750	901-Lng-C-T	47	chr18:10051650-10051750
chr18	10070950	10071050	1072-Lng-A-T	177	chr18:10070950-10071050
chr18	10090150	10090250	1223-Lng-D-T	68	chr18:10090150-10090250
chr18	10091750	10091850	1274-Lng-A-T	217	chr18:10091750-10091850
chr18	10121550	10121650	1188-Lng-A-T	235	chr18:10121550-10121650
chr18	10123050	10123150	1004-Lng-A-T	61	chr18:10123050-10123150
chr18	10126550	10126650	1151-Lng-A-T	590	chr18:10126550-10126650
chr18	10126950	10127050	1151-Lng-A-T	64	chr18:10126950-10127050
chr18	10127350	10127450	1223-Lng-B-T	334	chr18:10127350-10127450
chr18	10130150	10130250	1090-Lng-A-T	192	chr18:10130150-10130250
chr18	10136750	10136850	1065-Lng-C-T	97	chr18:10136750-10136850
chr18	10148550	10148650	1223-Lng-D-T	40	chr18:10148550-10148650
chr18	10191050	10191150	901-Lng-B-T	199	chr18:10191050-10191150
chr18	10193950	10194050	1065-Lng-A-T	69	chr18:10193950-10194050
chr18	10438350	10438450	1223-Lng-A-T	166	chr18:10438350-10438450
chr18	10509850	10509950	1274-Lng-A-T	89	chr18:10509850-10509950
chr18	10549150	10549250	846-Lng-A-T	93	chr18:10549150-10549250
chr18	10596550	10596650	1072-Lng-A-T	270	chr18:10596550-10596650
chr18	10602550	10602650	1152-Lng-A-T	172	chr18:10602550-10602650
chr18	10641050	10641150	1100-Lng-A-T	54	chr18:10641050-10641150
chr18	10741650	10741750	1065-Lng-A-T	62	chr18:10741650-10741750
chr18	10742650	10742750	1188-Lng-A-T	39	chr18:10742650-10742750
chr18	10750950	10751050	1090-Lng-A-T	117	chr18:10750950-10751050
chr18	10853750	10853850	1188-Lng-A-T	39	chr18:10853750-10853850
chr18	11074750	11074850	846-Lng-A-T	54	chr18:11074750-11074850
chr18	11144950	11145050	901-Lng-C-T	94	chr18:11144950-11145050
chr18	11595150	11595250	1065-Lng-B-T	58	chr18:11595150-11595250
chr18	11683650	11683750	1188-Lng-A-T	46	chr18:11683650-11683750

Table S2: SB Insertion regions

chr18	11698450	11698550	1223-Lng-A-T	110	chr18:11698450-11698550
chr18	11750650	11750750	1004-Lng-A-T	54	chr18:11750650-11750750
chr18	11797150	11797250	1065-Lng-C-T	89	chr18:11797150-11797250
chr18	11828950	11829050	901-Lng-A-T	181	chr18:11828950-11829050
chr18	11847950	11848050	1223-Lng-B-T	126	chr18:11847950-11848050
chr18	12009150	12009250	1152-Lng-A-T	244	chr18:12009150-12009250
chr18	12050350	12050450	1072-Lng-A-T	70	chr18:12050350-12050450
chr18	12080350	12080450	1065-Lng-A-T	100	chr18:12080350-12080450
chr18	12299050	12299150	1223-Lng-C-T	54	chr18:12299050-12299150
chr18	12304750	12304850	1090-Lng-B-T	500	chr18:12304750-12304850
chr18	12330750	12330850	1065-Lng-A-T	508	chr18:12330750-12330850
chr18	12338050	12338150	1223-Lng-D-T	100	chr18:12338050-12338150
chr18	12359950	12360050	1100-Lng-A-T	97	chr18:12359950-12360050
chr18	12361450	12361550	1223-Lng-C-T	259	chr18:12361450-12361550
chr18	12373850	12373950	1090-Lng-B-T	477	chr18:12373850-12373950
chr18	12383050	12383150	1223-Lng-B-T	35	chr18:12383050-12383150
chr18	12411350	12411450	1188-Lng-A-T	42	chr18:12411350-12411450
chr18	12478950	12479050	901-Lng-B-T	78	chr18:12478950-12479050
chr18	12549650	12549750	846-Lng-A-T	132	chr18:12549650-12549750
chr18	12900250	12900350	1100-Lng-B-T	157	chr18:12900250-12900350
chr18	12957450	12957550	901-Lng-A-T	89	chr18:12957450-12957550
chr18	12984650	12984750	1065-Lng-B-T	42	chr18:12984650-12984750
chr18	12994450	12994550	1167-Lng-A-T	88	chr18:12994450-12994550
chr18	13004650	13004750	1065-Lng-A-T	39	chr18:13004650-13004750
chr18	13052050	13052150	901-Lng-D-T	282	chr18:13052050-13052150
chr18	13149150	13149250	1223-Lng-D-T	40	chr18:13149150-13149250
chr18	13154950	13155050	901-Lng-B-T	165	chr18:13154950-13155050
chr18	13473950	13474050	1188-Lng-A-T	71	chr18:13473950-13474050
chr18	13531550	13531650	1223-Lng-C-T	48	chr18:13531550-13531650
chr18	13866250	13866350	1223-Lng-D-T	45	chr18:13866250-13866350
chr18	14096150	14096250	1100-Lng-A-T	133	chr18:14096150-14096250
chr18	14398250	14398350	1090-Lng-B-T	123	chr18:14398250-14398350
chr18	14422550	14422650	1004-Lng-A-T	103	chr18:14422550-14422650
chr18	14593150	14593250	1274-Lng-A-T	55	chr18:14593150-14593250
chr18	14640050	14640150	1065-Lng-A-T	61	chr18:14640050-14640150
chr18	14668150	14668250	1223-Lng-B-T	35	chr18:14668150-14668250
chr18	14778850	14778950	1223-Lng-D-T	45	chr18:14778850-14778950
chr18	14804950	14805050	1167-Lng-A-T	63	chr18:14804950-14805050
chr18	14807150	14807250	1223-Lng-D-T	70	chr18:14807150-14807250
chr18	14828750	14828850	901-Lng-A-T	56	chr18:14828750-14828850
chr18	14876850	14876950	1090-Lng-A-T	77	chr18:14876850-14876950
chr18	14979050	14979150	901-Lng-A-T	98	chr18:14979050-14979150
chr18	14995050	14995150	1223-Lng-D-T	43	chr18:14995050-14995150
chr18	15190350	15190450	1274-Lng-A-T	155	chr18:15190350-15190450
chr18	15190350	15190450	1072-Lng-A-T	52	chr18:15190350-15190450
chr18	15200750	15200850	1065-Lng-A-T	84	chr18:15200750-15200850

Table S2: SB Insertion regions

chr18	15218150	15218250	1065-Lng-C-T	70	chr18:15218150-15218250
chr18	15274250	15274350	1188-Lng-A-T	55	chr18:15274250-15274350
chr18	15364050	15364150	901-Lng-B-T	90	chr18:15364050-15364150
chr18	15732150	15732250	1065-Lng-B-T	42	chr18:15732150-15732250
chr18	15841350	15841450	1151-Lng-A-T	63	chr18:15841350-15841450
chr18	15920550	15920650	1152-Lng-A-T	60	chr18:15920550-15920650
chr18	16042150	16042250	1188-Lng-A-T	42	chr18:16042150-16042250
chr18	16161350	16161450	901-Lng-A-T	64	chr18:16161350-16161450
chr18	16225850	16225950	1167-Lng-A-T	58	chr18:16225850-16225950
chr18	16440750	16440850	1065-Lng-B-T	114	chr18:16440750-16440850
chr18	16464350	16464450	1223-Lng-A-T	133	chr18:16464350-16464450
chr18	16552350	16552450	1065-Lng-B-T	67	chr18:16552350-16552450
chr18	16807950	16808050	1065-Lng-A-T	71	chr18:16807950-16808050
chr18	16834250	16834350	1065-Lng-A-T	50	chr18:16834250-16834350
chr18	16951850	16951950	1004-Lng-A-T	49	chr18:16951850-16951950
chr18	17728150	17728250	1065-Lng-B-T	88	chr18:17728150-17728250
chr18	17842550	17842650	1188-Lng-A-T	161	chr18:17842550-17842650
chr18	17967750	17967850	1188-Lng-A-T	48	chr18:17967750-17967850
chr18	18183850	18183950	1004-Lng-A-T	55	chr18:18183850-18183950
chr18	18326250	18326350	1223-Lng-B-T	45	chr18:18326250-18326350
chr18	18444150	18444250	901-Lng-D-T	258	chr18:18444150-18444250
chr18	18509750	18509850	1274-Lng-A-T	156	chr18:18509750-18509850
chr18	18539950	18540050	901-Lng-A-T	81	chr18:18539950-18540050
chr18	18649750	18649850	1274-Lng-A-T	250	chr18:18649750-18649850
chr18	19023850	19023950	1065-Lng-B-T	482	chr18:19023850-19023950
chr18	19086350	19086450	1152-Lng-A-T	95	chr18:19086350-19086450
chr18	19240050	19240150	901-Lng-C-T	44	chr18:19240050-19240150
chr18	19285650	19285750	901-Lng-A-T	379	chr18:19285650-19285750
chr18	19388450	19388550	901-Lng-A-T	68	chr18:19388450-19388550
chr18	19612750	19612850	1274-Lng-A-T	152	chr18:19612750-19612850
chr18	19737650	19737750	1151-Lng-A-T	70	chr18:19737650-19737750
chr18	19760150	19760250	1223-Lng-B-T	46	chr18:19760150-19760250
chr18	19812750	19812850	1072-Lng-A-T	94	chr18:19812750-19812850
chr18	19936450	19936550	1223-Lng-C-T	87	chr18:19936450-19936550
chr18	19962550	19962650	1100-Lng-A-T	76	chr18:19962550-19962650
chr18	20055050	20055150	1072-Lng-A-T	64	chr18:20055050-20055150
chr18	20490050	20490150	1223-Lng-C-T	243	chr18:20490050-20490150
chr18	20500150	20500250	1223-Lng-C-T	645	chr18:20500150-20500250
chr18	20583650	20583750	1223-Lng-B-T	45	chr18:20583650-20583750
chr18	20714050	20714150	1188-Lng-A-T	39	chr18:20714050-20714150
chr18	20725550	20725650	1072-Lng-A-T	56	chr18:20725550-20725650
chr18	20725550	20725650	1065-Lng-A-T	50	chr18:20725550-20725650
chr18	20998650	20998750	1274-Lng-A-T	70	chr18:20998650-20998750
chr18	21001750	21001850	846-Lng-A-T	90	chr18:21001750-21001850
chr18	21013150	21013250	1065-Lng-B-T	42	chr18:21013150-21013250
chr18	21026550	21026650	1090-Lng-A-T	53	chr18:21026550-21026650

Table S2: SB Insertion regions

chr18	21028650	21028750	1223-Lng-B-T	145	chr18:21028650-21028750
chr18	21209350	21209450	1223-Lng-A-T	106	chr18:21209350-21209450
chr18	21283250	21283350	1004-Lng-A-T	49	chr18:21283250-21283350
chr18	21346350	21346450	1223-Lng-A-T	389	chr18:21346350-21346450
chr18	21374750	21374850	1223-Lng-D-T	48	chr18:21374750-21374850
chr18	21394250	21394350	1004-Lng-A-T	51	chr18:21394250-21394350
chr18	21415350	21415450	1151-Lng-A-T	161	chr18:21415350-21415450
chr18	21417550	21417650	1065-Lng-C-T	99	chr18:21417550-21417650
chr18	21547150	21547250	901-Lng-B-T	161	chr18:21547150-21547250
chr18	21723750	21723850	1065-Lng-B-T	68	chr18:21723750-21723850
chr18	21777750	21777850	1223-Lng-A-T	61	chr18:21777750-21777850
chr18	22116150	22116250	901-Lng-A-T	78	chr18:22116150-22116250
chr18	22141550	22141650	1090-Lng-A-T	50	chr18:22141550-22141650
chr18	22163750	22163850	901-Lng-C-T	71	chr18:22163750-22163850
chr18	22348050	22348150	1065-Lng-C-T	87	chr18:22348050-22348150
chr18	22353650	22353750	1072-Lng-A-T	61	chr18:22353650-22353750
chr18	22823650	22823750	1152-Lng-A-T	70	chr18:22823650-22823750
chr18	22831350	22831450	901-Lng-C-T	135	chr18:22831350-22831450
chr18	23072950	23073050	901-Lng-C-T	90	chr18:23072950-23073050
chr18	23186550	23186650	1223-Lng-B-T	41	chr18:23186550-23186650
chr18	23279550	23279650	1065-Lng-A-T	74	chr18:23279550-23279650
chr18	23334650	23334750	1065-Lng-C-T	111	chr18:23334650-23334750
chr18	23469650	23469750	901-Lng-A-T	77	chr18:23469650-23469750
chr18	23584050	23584150	1223-Lng-C-T	3195	chr18:23584050-23584150
chr18	23584950	23585050	1090-Lng-A-T	69	chr18:23584950-23585050
chr18	23594750	23594850	1188-Lng-A-T	34	chr18:23594750-23594850
chr18	23633750	23633850	1223-Lng-B-T	51	chr18:23633750-23633850
chr18	23674250	23674350	901-Lng-D-T	210	chr18:23674250-23674350
chr18	23738450	23738550	1151-Lng-A-T	229	chr18:23738450-23738550
chr18	23760250	23760350	1004-Lng-A-T	56	chr18:23760250-23760350
chr18	23801750	23801850	901-Lng-C-T	33	chr18:23801750-23801850
chr18	23905550	23905650	1004-Lng-A-T	70	chr18:23905550-23905650
chr18	23935450	23935550	1090-Lng-A-T	109	chr18:23935450-23935550
chr18	23987250	23987350	1065-Lng-A-T	283	chr18:23987250-23987350
chr18	24052550	24052650	1065-Lng-A-T	64	chr18:24052550-24052650
chr18	24390250	24390350	1274-Lng-A-T	74	chr18:24390250-24390350
chr18	24609450	24609550	1223-Lng-B-T	205	chr18:24609450-24609550
chr18	24632550	24632650	846-Lng-A-T	63	chr18:24632550-24632650
chr18	25361750	25361850	901-Lng-C-T	41	chr18:25361750-25361850
chr18	25420550	25420650	1065-Lng-B-T	43	chr18:25420550-25420650
chr18	25440950	25441050	1090-Lng-A-T	62	chr18:25440950-25441050
chr18	25546150	25546250	1223-Lng-B-T	87	chr18:25546150-25546250
chr18	25601050	25601150	1065-Lng-C-T	100	chr18:25601050-25601150
chr18	25607850	25607950	1223-Lng-A-T	91	chr18:25607850-25607950
chr18	25617250	25617350	1090-Lng-A-T	62	chr18:25617250-25617350
chr18	25655850	25655950	1167-Lng-A-T	100	chr18:25655850-25655950

Table S2: SB Insertion regions

chr18	25880350	25880450	1223-Lng-D-T	56	chr18:25880350-25880450
chr18	25960950	25961050	1151-Lng-A-T	54	chr18:25960950-25961050
chr18	26155650	26155750	1223-Lng-B-T	43	chr18:26155650-26155750
chr18	26585150	26585250	846-Lng-A-T	55	chr18:26585150-26585250
chr18	26591650	26591750	1223-Lng-C-T	51	chr18:26591650-26591750
chr18	26754550	26754650	846-Lng-A-T	70	chr18:26754550-26754650
chr18	26774450	26774550	1065-Lng-A-T	66	chr18:26774450-26774550
chr18	27063750	27063850	1090-Lng-A-T	66	chr18:27063750-27063850
chr18	27075250	27075350	1100-Lng-A-T	130	chr18:27075250-27075350
chr18	27137650	27137750	1223-Lng-B-T	38	chr18:27137650-27137750
chr18	27412650	27412750	901-Lng-B-T	245	chr18:27412650-27412750
chr18	27530250	27530350	1072-Lng-A-T	61	chr18:27530250-27530350
chr18	27570250	27570350	846-Lng-A-T	147	chr18:27570250-27570350
chr18	27669850	27669950	1152-Lng-A-T	35	chr18:27669850-27669950
chr18	27780150	27780250	1090-Lng-A-T	93	chr18:27780150-27780250
chr18	27822150	27822250	901-Lng-B-T	106	chr18:27822150-27822250
chr18	27822950	27823050	901-Lng-C-T	43	chr18:27822950-27823050
chr18	27823250	27823350	1274-Lng-A-T	139	chr18:27823250-27823350
chr18	27829550	27829650	1223-Lng-A-T	216	chr18:27829550-27829650
chr18	27984550	27984650	1090-Lng-A-T	63	chr18:27984550-27984650
chr18	28062250	28062350	1223-Lng-A-T	128	chr18:28062250-28062350
chr18	28299850	28299950	1100-Lng-A-T	55	chr18:28299850-28299950
chr18	28519950	28520050	1223-Lng-A-T	211	chr18:28519950-28520050
chr18	28564650	28564750	901-Lng-A-T	298	chr18:28564650-28564750
chr18	28584350	28584450	1065-Lng-A-T	58	chr18:28584350-28584450
chr18	28599950	28600050	901-Lng-A-T	115	chr18:28599950-28600050
chr18	28606450	28606550	1151-Lng-A-T	82	chr18:28606450-28606550
chr18	28712250	28712350	901-Lng-A-T	185	chr18:28712250-28712350
chr18	28793150	28793250	1223-Lng-B-T	53	chr18:28793150-28793250
chr18	28876350	28876450	1065-Lng-C-T	64	chr18:28876350-28876450
chr18	28934550	28934650	1065-Lng-C-T	79	chr18:28934550-28934650
chr18	28946350	28946450	1004-Lng-A-T	130	chr18:28946350-28946450
chr18	28992550	28992650	1223-Lng-B-T	183	chr18:28992550-28992650
chr18	29053950	29054050	1065-Lng-C-T	115	chr18:29053950-29054050
chr18	29248450	29248550	901-Lng-B-T	163	chr18:29248450-29248550
chr18	29556450	29556550	1223-Lng-B-T	58	chr18:29556450-29556550
chr18	29579650	29579750	1188-Lng-A-T	41	chr18:29579650-29579750
chr18	29762750	29762850	1065-Lng-C-T	101	chr18:29762750-29762850
chr18	29816250	29816350	1065-Lng-A-T	85	chr18:29816250-29816350
chr18	30163450	30163550	1223-Lng-B-T	101	chr18:30163450-30163550
chr18	30188250	30188350	901-Lng-C-T	38	chr18:30188250-30188350
chr18	30363950	30364050	901-Lng-A-T	104	chr18:30363950-30364050
chr18	30445650	30445750	1152-Lng-A-T	243	chr18:30445650-30445750
chr18	30563250	30563350	1004-Lng-A-T	52	chr18:30563250-30563350
chr18	30725350	30725450	901-Lng-C-T	31	chr18:30725350-30725450
chr18	30887950	30888050	1188-Lng-A-T	37	chr18:30887950-30888050

Table S2: SB Insertion regions

chr18	31034850	31034950	1223-Lng-A-T	82	chr18:31034850-31034950
chr18	31044650	31044750	1188-Lng-A-T	330	chr18:31044650-31044750
chr18	31136050	31136150	1065-Lng-C-T	73	chr18:31136050-31136150
chr18	31210450	31210550	901-Lng-B-T	43	chr18:31210450-31210550
chr18	31384950	31385050	1090-Lng-B-T	379	chr18:31384950-31385050
chr18	31480950	31481050	1065-Lng-B-T	41	chr18:31480950-31481050
chr18	31686850	31686950	1223-Lng-D-T	41	chr18:31686850-31686950
chr18	31765450	31765550	1274-Lng-A-T	55	chr18:31765450-31765550
chr18	31818250	31818350	1004-Lng-A-T	52	chr18:31818250-31818350
chr18	32008650	32008750	1223-Lng-D-T	46	chr18:32008650-32008750
chr18	32025750	32025850	1004-Lng-A-T	66	chr18:32025750-32025850
chr18	32061650	32061750	1090-Lng-A-T	1337	chr18:32061650-32061750
chr18	32225950	32226050	1223-Lng-B-T	240	chr18:32225950-32226050
chr18	32334350	32334450	1090-Lng-B-T	807	chr18:32334350-32334450
chr18	32341550	32341650	1152-Lng-A-T	114	chr18:32341550-32341650
chr18	32351850	32351950	901-Lng-A-T	362	chr18:32351850-32351950
chr18	32358550	32358650	1065-Lng-A-T	58	chr18:32358550-32358650
chr18	32428850	32428950	1188-Lng-A-T	79	chr18:32428850-32428950
chr18	32511650	32511750	1223-Lng-C-T	172	chr18:32511650-32511750
chr18	32511750	32511850	1223-Lng-C-T	470	chr18:32511750-32511850
chr18	32746250	32746350	901-Lng-A-T	300	chr18:32746250-32746350
chr18	32822750	32822850	1065-Lng-A-T	68	chr18:32822750-32822850
chr18	33386750	33386850	1065-Lng-B-T	57	chr18:33386750-33386850
chr18	33511850	33511950	1223-Lng-D-T	43	chr18:33511850-33511950
chr18	33761950	33762050	1072-Lng-A-T	84	chr18:33761950-33762050
chr18	33923350	33923450	1065-Lng-B-T	45	chr18:33923350-33923450
chr18	33998150	33998250	1090-Lng-A-T	73	chr18:33998150-33998250
chr18	34046850	34046950	1090-Lng-B-T	1463	chr18:34046850-34046950
chr18	34164350	34164450	1223-Lng-B-T	38	chr18:34164350-34164450
chr18	34464350	34464450	1152-Lng-A-T	51	chr18:34464350-34464450
chr18	34465250	34465350	1167-Lng-A-T	95	chr18:34465250-34465350
chr18	34470050	34470150	1004-Lng-A-T	74	chr18:34470050-34470150
chr18	34621750	34621850	1004-Lng-A-T	49	chr18:34621750-34621850
chr18	34656850	34656950	1065-Lng-B-T	103	chr18:34656850-34656950
chr18	34957850	34957950	1090-Lng-A-T	54	chr18:34957850-34957950
chr18	34993150	34993250	1065-Lng-A-T	68	chr18:34993150-34993250
chr18	35047550	35047650	1151-Lng-A-T	272	chr18:35047550-35047650
chr18	35060350	35060450	1100-Lng-A-T	61	chr18:35060350-35060450
chr18	35075350	35075450	901-Lng-B-T	156	chr18:35075350-35075450
chr18	35079350	35079450	1223-Lng-C-T	101	chr18:35079350-35079450
chr18	35254750	35254850	1188-Lng-A-T	34	chr18:35254750-35254850
chr18	35317950	35318050	1274-Lng-A-T	69	chr18:35317950-35318050
chr18	35336250	35336350	1223-Lng-D-T	46	chr18:35336250-35336350
chr18	35347650	35347750	1100-Lng-A-T	97	chr18:35347650-35347750
chr18	35357650	35357750	1004-Lng-A-T	92	chr18:35357650-35357750
chr18	35361750	35361850	1065-Lng-C-T	120	chr18:35361750-35361850

Table S2: SB Insertion regions

chr18	35362350	35362450	1188-Lng-A-T	76	chr18:35362350-35362450
chr18	35363850	35363950	1274-Lng-A-T	159	chr18:35363850-35363950
chr18	35734850	35734950	1100-Lng-A-T	62	chr18:35734850-35734950
chr18	35740150	35740250	1065-Lng-C-T	73	chr18:35740150-35740250
chr18	35744650	35744750	1100-Lng-A-T	113	chr18:35744650-35744750
chr18	35963650	35963750	901-Lng-A-T	64	chr18:35963650-35963750
chr18	35972950	35973050	1004-Lng-A-T	903	chr18:35972950-35973050
chr18	35974150	35974250	1072-Lng-A-T	107	chr18:35974150-35974250
chr18	36059850	36059950	901-Lng-A-T	125	chr18:36059850-36059950
chr18	36388950	36389050	1223-Lng-D-T	46	chr18:36388950-36389050
chr18	36449550	36449650	1152-Lng-A-T	114	chr18:36449550-36449650
chr18	36454650	36454750	1065-Lng-C-T	66	chr18:36454650-36454750
chr18	36458650	36458750	1152-Lng-A-T	47	chr18:36458650-36458750
chr18	36460050	36460150	1090-Lng-A-T	99	chr18:36460050-36460150
chr18	36483350	36483450	901-Lng-A-T	78	chr18:36483350-36483450
chr18	36513250	36513350	1223-Lng-C-T	56	chr18:36513250-36513350
chr18	36515950	36516050	1065-Lng-A-T	40	chr18:36515950-36516050
chr18	36517550	36517650	1223-Lng-C-T	59	chr18:36517550-36517650
chr18	36524950	36525050	1274-Lng-A-T	146	chr18:36524950-36525050
chr18	36531850	36531950	1223-Lng-C-T	246	chr18:36531850-36531950
chr18	36532250	36532350	1152-Lng-A-T	78	chr18:36532250-36532350
chr18	36753650	36753750	1167-Lng-A-T	68	chr18:36753650-36753750
chr18	36765450	36765550	1223-Lng-C-T	44	chr18:36765450-36765550
chr18	36904750	36904850	1090-Lng-A-T	86	chr18:36904750-36904850
chr18	36960750	36960850	1223-Lng-C-T	47	chr18:36960750-36960850
chr18	37086850	37086950	1065-Lng-A-T	50	chr18:37086850-37086950
chr18	37102250	37102350	1065-Lng-A-T	50	chr18:37102250-37102350
chr18	37254550	37254650	846-Lng-A-T	69	chr18:37254550-37254650
chr18	37354550	37354650	901-Lng-A-T	649	chr18:37354550-37354650
chr18	37620650	37620750	901-Lng-D-T	96	chr18:37620650-37620750
chr18	37686350	37686450	1072-Lng-A-T	58	chr18:37686350-37686450
chr18	37994250	37994350	846-Lng-A-T	113	chr18:37994250-37994350
chr18	38017850	38017950	846-Lng-A-T	102	chr18:38017850-38017950
chr18	38059950	38060050	1100-Lng-A-T	137	chr18:38059950-38060050
chr18	38109350	38109450	1004-Lng-A-T	265	chr18:38109350-38109450
chr18	38116450	38116550	1100-Lng-A-T	67	chr18:38116450-38116550
chr18	38217250	38217350	1065-Lng-C-T	77	chr18:38217250-38217350
chr18	38319150	38319250	1188-Lng-A-T	257	chr18:38319150-38319250
chr18	38392250	38392350	901-Lng-C-T	116	chr18:38392250-38392350
chr18	38462250	38462350	1223-Lng-C-T	473	chr18:38462250-38462350
chr18	38544750	38544850	901-Lng-A-T	71	chr18:38544750-38544850
chr18	38598850	38598950	1274-Lng-A-T	124	chr18:38598850-38598950
chr18	38600550	38600650	1223-Lng-B-T	171	chr18:38600550-38600650
chr18	38606850	38606950	1065-Lng-A-T	49	chr18:38606850-38606950
chr18	38608350	38608450	1072-Lng-A-T	49	chr18:38608350-38608450
chr18	38610050	38610150	1100-Lng-A-T	128	chr18:38610050-38610150

Table S2: SB Insertion regions

chr18	38623650	38623750	1100-Lng-A-T	116	chr18:38623650-38623750
chr18	38625850	38625950	1152-Lng-A-T	67	chr18:38625850-38625950
chr18	39008050	39008150	1152-Lng-A-T	170	chr18:39008050-39008150
chr18	39035350	39035450	1100-Lng-A-T	55	chr18:39035350-39035450
chr18	39088050	39088150	1065-Lng-C-T	69	chr18:39088050-39088150
chr18	39107650	39107750	901-Lng-D-T	278	chr18:39107650-39107750
chr18	39167550	39167650	1188-Lng-A-T	102	chr18:39167550-39167650
chr18	39525850	39525950	1004-Lng-A-T	107	chr18:39525850-39525950
chr18	39556550	39556650	1100-Lng-A-T	87	chr18:39556550-39556650
chr18	39571250	39571350	1090-Lng-A-T	73	chr18:39571250-39571350
chr18	39623450	39623550	901-Lng-B-T	100	chr18:39623450-39623550
chr18	39626550	39626650	1223-Lng-B-T	268	chr18:39626550-39626650
chr18	39631750	39631850	1223-Lng-C-T	46	chr18:39631750-39631850
chr18	39642950	39643050	1188-Lng-A-T	43	chr18:39642950-39643050
chr18	39859250	39859350	1223-Lng-C-T	70	chr18:39859250-39859350
chr18	40054050	40054150	901-Lng-D-T	59	chr18:40054050-40054150
chr18	40240250	40240350	1223-Lng-D-T	48	chr18:40240250-40240350
chr18	40247050	40247150	1274-Lng-A-T	70	chr18:40247050-40247150
chr18	40590350	40590450	1223-Lng-A-T	308	chr18:40590350-40590450
chr18	40666950	40667050	901-Lng-C-T	114	chr18:40666950-40667050
chr18	40792950	40793050	901-Lng-B-T	264	chr18:40792950-40793050
chr18	40882750	40882850	1188-Lng-A-T	162	chr18:40882750-40882850
chr18	41178550	41178650	1151-Lng-A-T	481	chr18:41178550-41178650
chr18	41213850	41213950	1065-Lng-B-T	60	chr18:41213850-41213950
chr18	41304350	41304450	1274-Lng-A-T	98	chr18:41304350-41304450
chr18	41516650	41516750	1090-Lng-A-T	68	chr18:41516650-41516750
chr18	41591450	41591550	901-Lng-C-T	62	chr18:41591450-41591550
chr18	41810450	41810550	1004-Lng-A-T	70	chr18:41810450-41810550
chr18	41977250	41977350	901-Lng-C-T	65	chr18:41977250-41977350
chr18	41987350	41987450	901-Lng-B-T	183	chr18:41987350-41987450
chr18	42092450	42092550	1065-Lng-B-T	133	chr18:42092450-42092550
chr18	42097250	42097350	1004-Lng-A-T	60	chr18:42097250-42097350
chr18	42098750	42098850	1072-Lng-A-T	54	chr18:42098750-42098850
chr18	42102550	42102650	901-Lng-A-T	198	chr18:42102550-42102650
chr18	42129650	42129750	901-Lng-A-T	103	chr18:42129650-42129750
chr18	42171150	42171250	901-Lng-C-T	3365	chr18:42171150-42171250
chr18	42325950	42326050	1100-Lng-A-T	64	chr18:42325950-42326050
chr18	42394750	42394850	1274-Lng-A-T	138	chr18:42394750-42394850
chr18	42484750	42484850	1090-Lng-A-T	60	chr18:42484750-42484850
chr18	42496650	42496750	1090-Lng-A-T	58	chr18:42496650-42496750
chr18	42541950	42542050	901-Lng-C-T	299	chr18:42541950-42542050
chr18	42581350	42581450	1065-Lng-A-T	47	chr18:42581350-42581450
chr18	42706750	42706850	901-Lng-B-T	969	chr18:42706750-42706850
chr18	42715450	42715550	901-Lng-C-T	294	chr18:42715450-42715550
chr18	42717350	42717450	1065-Lng-B-T	66	chr18:42717350-42717450
chr18	42889250	42889350	1223-Lng-A-T	76	chr18:42889250-42889350

Table S2: SB Insertion regions

chr18	42911850	42911950	1100-Lng-A-T	56	chr18:42911850-42911950
chr18	42934350	42934450	846-Lng-A-T	52	chr18:42934350-42934450
chr18	43026850	43026950	1090-Lng-B-T	140	chr18:43026850-43026950
chr18	43193550	43193650	1152-Lng-A-T	46	chr18:43193550-43193650
chr18	43302350	43302450	1152-Lng-A-T	98	chr18:43302350-43302450
chr18	43344550	43344650	1065-Lng-B-T	46	chr18:43344550-43344650
chr18	43671150	43671250	1065-Lng-A-T	244	chr18:43671150-43671250
chr18	43821850	43821950	1090-Lng-B-T	254	chr18:43821850-43821950
chr18	43824850	43824950	901-Lng-A-T	75	chr18:43824850-43824950
chr18	44023350	44023450	1065-Lng-A-T	70	chr18:44023350-44023450
chr18	44144850	44144950	1100-Lng-A-T	101	chr18:44144850-44144950
chr18	44164650	44164750	901-Lng-A-T	100	chr18:44164650-44164750
chr18	44170450	44170550	1223-Lng-B-T	210	chr18:44170450-44170550
chr18	44262950	44263050	1065-Lng-A-T	58	chr18:44262950-44263050
chr18	44275550	44275650	1065-Lng-C-T	68	chr18:44275550-44275650
chr18	44445050	44445150	1065-Lng-A-T	44	chr18:44445050-44445150
chr18	44540950	44541050	901-Lng-C-T	60	chr18:44540950-44541050
chr18	44542150	44542250	1090-Lng-A-T	50	chr18:44542150-44542250
chr18	44588350	44588450	1072-Lng-A-T	55	chr18:44588350-44588450
chr18	44634150	44634250	1152-Lng-A-T	134	chr18:44634150-44634250
chr18	44718650	44718750	901-Lng-C-T	28	chr18:44718650-44718750
chr18	44732250	44732350	1152-Lng-A-T	61	chr18:44732250-44732350
chr18	45043250	45043350	901-Lng-B-T	79	chr18:45043250-45043350
chr18	45272350	45272450	901-Lng-C-T	188	chr18:45272350-45272450
chr18	45374550	45374650	1100-Lng-A-T	53	chr18:45374550-45374650
chr18	45411850	45411950	1274-Lng-A-T	75	chr18:45411850-45411950
chr18	45477950	45478050	1072-Lng-A-T	210	chr18:45477950-45478050
chr18	45480950	45481050	1090-Lng-A-T	67	chr18:45480950-45481050
chr18	45628750	45628850	1167-Lng-A-T	75	chr18:45628750-45628850
chr18	45711250	45711350	901-Lng-A-T	123	chr18:45711250-45711350
chr18	45761950	45762050	1151-Lng-A-T	59	chr18:45761950-45762050
chr18	45796150	45796250	901-Lng-C-T	125	chr18:45796150-45796250
chr18	45836150	45836250	1065-Lng-B-T	54	chr18:45836150-45836250
chr18	46076150	46076250	1274-Lng-A-T	53	chr18:46076150-46076250
chr18	46274950	46275050	846-Lng-A-T	150	chr18:46274950-46275050
chr18	46327950	46328050	1188-Lng-A-T	48	chr18:46327950-46328050
chr18	46367750	46367850	901-Lng-D-T	242	chr18:46367750-46367850
chr18	46404750	46404850	901-Lng-C-T	1913	chr18:46404750-46404850
chr18	46412550	46412650	1152-Lng-A-T	107	chr18:46412550-46412650
chr18	46452550	46452650	901-Lng-A-T	191	chr18:46452550-46452650
chr18	46471750	46471850	1065-Lng-A-T	40	chr18:46471750-46471850
chr18	46491050	46491150	901-Lng-B-T	75	chr18:46491050-46491150
chr18	46607850	46607950	1223-Lng-D-T	40	chr18:46607850-46607950
chr18	46633650	46633750	1188-Lng-A-T	196	chr18:46633650-46633750
chr18	46643850	46643950	1100-Lng-A-T	117	chr18:46643850-46643950
chr18	46663550	46663650	1223-Lng-B-T	89	chr18:46663550-46663650

Table S2: SB Insertion regions

chr18	46671850	46671950	1004-Lng-A-T	60	chr18:46671850-46671950
chr18	46673750	46673850	1274-Lng-A-T	90	chr18:46673750-46673850
chr18	46677550	46677650	901-Lng-A-T	116	chr18:46677550-46677650
chr18	46759350	46759450	1100-Lng-B-T	54	chr18:46759350-46759450
chr18	46762450	46762550	1151-Lng-A-T	287	chr18:46762450-46762550
chr18	46911350	46911450	1188-Lng-A-T	63	chr18:46911350-46911450
chr18	46911350	46911450	1004-Lng-A-T	53	chr18:46911350-46911450
chr18	46930750	46930850	1223-Lng-B-T	107	chr18:46930750-46930850
chr18	47186350	47186450	1167-Lng-A-T	118	chr18:47186350-47186450
chr18	47220750	47220850	1100-Lng-A-T	110	chr18:47220750-47220850
chr18	47281250	47281350	901-Lng-C-T	70	chr18:47281250-47281350
chr18	47449350	47449450	901-Lng-C-T	44	chr18:47449350-47449450
chr18	47477450	47477550	1223-Lng-A-T	113	chr18:47477450-47477550
chr18	47872850	47872950	1223-Lng-B-T	210	chr18:47872850-47872950
chr18	47972750	47972850	1065-Lng-B-T	39	chr18:47972750-47972850
chr18	48045350	48045450	901-Lng-C-T	69	chr18:48045350-48045450
chr18	48060750	48060850	1065-Lng-B-T	103	chr18:48060750-48060850
chr18	48142150	48142250	1065-Lng-A-T	61	chr18:48142150-48142250
chr18	48280250	48280350	1188-Lng-A-T	122	chr18:48280250-48280350
chr18	48414250	48414350	901-Lng-A-T	74	chr18:48414250-48414350
chr18	48431150	48431250	1072-Lng-A-T	53	chr18:48431150-48431250
chr18	48498050	48498150	1004-Lng-A-T	130	chr18:48498050-48498150
chr18	48514450	48514550	1090-Lng-A-T	44	chr18:48514450-48514550
chr18	49076950	49077050	846-Lng-A-T	193	chr18:49076950-49077050
chr18	49080450	49080550	901-Lng-C-T	165	chr18:49080450-49080550
chr18	49195650	49195750	1065-Lng-C-T	82	chr18:49195650-49195750
chr18	49239350	49239450	1065-Lng-C-T	72	chr18:49239350-49239450
chr18	49260550	49260650	901-Lng-D-T	166	chr18:49260550-49260650
chr18	49268550	49268650	1004-Lng-A-T	58	chr18:49268550-49268650
chr18	49291150	49291250	1223-Lng-B-T	61	chr18:49291150-49291250
chr18	49368750	49368850	846-Lng-A-T	99	chr18:49368750-49368850
chr18	49438550	49438650	901-Lng-D-T	202	chr18:49438550-49438650
chr18	49566950	49567050	1152-Lng-A-T	40	chr18:49566950-49567050
chr18	49660950	49661050	901-Lng-C-T	69	chr18:49660950-49661050
chr18	49715550	49715650	1065-Lng-B-T	71	chr18:49715550-49715650
chr18	49889550	49889650	1065-Lng-A-T	38	chr18:49889550-49889650
chr18	49894750	49894850	1072-Lng-A-T	182	chr18:49894750-49894850
chr18	49993250	49993350	1065-Lng-B-T	401	chr18:49993250-49993350
chr18	49994550	49994650	1065-Lng-C-T	67	chr18:49994550-49994650
chr18	49999450	49999550	901-Lng-A-T	109	chr18:49999450-49999550
chr18	50009950	50010050	1223-Lng-B-T	121	chr18:50009950-50010050
chr18	50030650	50030750	1152-Lng-A-T	111	chr18:50030650-50030750
chr18	50051950	50052050	1223-Lng-A-T	101	chr18:50051950-50052050
chr18	50067850	50067950	1151-Lng-A-T	81	chr18:50067850-50067950
chr18	50069450	50069550	1065-Lng-B-T	427	chr18:50069450-50069550
chr18	50083450	50083550	1152-Lng-A-T	68	chr18:50083450-50083550

Table S2: SB Insertion regions

chr18	50122650	50122750	1152-Lng-A-T	127	chr18:50122650-50122750
chr18	50138150	50138250	1152-Lng-A-T	66	chr18:50138150-50138250
chr18	50237850	50237950	1223-Lng-A-T	55	chr18:50237850-50237950
chr18	50284150	50284250	1090-Lng-A-T	82	chr18:50284150-50284250
chr18	50316850	50316950	1274-Lng-A-T	54	chr18:50316850-50316950
chr18	50339150	50339250	1065-Lng-A-T	100	chr18:50339150-50339250
chr18	50735750	50735850	1100-Lng-A-T	74	chr18:50735750-50735850
chr18	51085050	51085150	901-Lng-B-T	37	chr18:51085050-51085150
chr18	51209950	51210050	901-Lng-C-T	29	chr18:51209950-51210050
chr18	51487850	51487950	1065-Lng-B-T	67	chr18:51487850-51487950
chr18	51496850	51496950	1072-Lng-A-T	156	chr18:51496850-51496950
chr18	51869950	51870050	1065-Lng-B-T	107	chr18:51869950-51870050
chr18	51935550	51935650	1152-Lng-A-T	155	chr18:51935550-51935650
chr18	51943550	51943650	901-Lng-C-T	115	chr18:51943550-51943650
chr18	51963750	51963850	901-Lng-C-T	77	chr18:51963750-51963850
chr18	52036350	52036450	1072-Lng-A-T	121	chr18:52036350-52036450
chr18	52111550	52111650	1223-Lng-B-T	175	chr18:52111550-52111650
chr18	52276450	52276550	1152-Lng-A-T	54	chr18:52276450-52276550
chr18	52447250	52447350	1072-Lng-A-T	67	chr18:52447250-52447350
chr18	52518950	52519050	1152-Lng-A-T	58	chr18:52518950-52519050
chr18	52589750	52589850	1065-Lng-B-T	238	chr18:52589750-52589850
chr18	52628650	52628750	1004-Lng-A-T	93	chr18:52628650-52628750
chr18	52640750	52640850	1223-Lng-C-T	50	chr18:52640750-52640850
chr18	52725450	52725550	1223-Lng-D-T	154	chr18:52725450-52725550
chr18	52887450	52887550	1065-Lng-A-T	55	chr18:52887450-52887550
chr18	52906950	52907050	1223-Lng-C-T	47	chr18:52906950-52907050
chr18	53329750	53329850	1072-Lng-A-T	72	chr18:53329750-53329850
chr18	53349950	53350050	1152-Lng-A-T	306	chr18:53349950-53350050
chr18	53357750	53357850	901-Lng-D-T	108	chr18:53357750-53357850
chr18	53380350	53380450	901-Lng-A-T	53	chr18:53380350-53380450
chr18	53399550	53399650	1223-Lng-C-T	587	chr18:53399550-53399650
chr18	53434650	53434750	1090-Lng-A-T	65	chr18:53434650-53434750
chr18	53439650	53439750	901-Lng-D-T	85	chr18:53439650-53439750
chr18	53449250	53449350	1004-Lng-A-T	54	chr18:53449250-53449350
chr18	53456050	53456150	1090-Lng-B-T	86	chr18:53456050-53456150
chr18	53498950	53499050	1152-Lng-A-T	178	chr18:53498950-53499050
chr18	53754950	53755050	1065-Lng-B-T	279	chr18:53754950-53755050
chr18	53775750	53775850	1004-Lng-A-T	74	chr18:53775750-53775850
chr18	53856650	53856750	1223-Lng-B-T	62	chr18:53856650-53856750
chr18	53886450	53886550	1223-Lng-D-T	47	chr18:53886450-53886550
chr18	54024250	54024350	1223-Lng-B-T	38	chr18:54024250-54024350
chr18	54038050	54038150	1065-Lng-C-T	70	chr18:54038050-54038150
chr18	54052150	54052250	1223-Lng-A-T	63	chr18:54052150-54052250
chr18	54053750	54053850	1223-Lng-A-T	222	chr18:54053750-54053850
chr18	54426850	54426950	901-Lng-A-T	170	chr18:54426850-54426950
chr18	54458050	54458150	1223-Lng-A-T	281	chr18:54458050-54458150

Table S2: SB Insertion regions

chr18	54588550	54588650	1151-Lng-A-T	68	chr18:54588550-54588650
chr18	54651750	54651850	1004-Lng-A-T	90	chr18:54651750-54651850
chr18	54701350	54701450	1167-Lng-A-T	1900	chr18:54701350-54701450
chr18	54732350	54732450	846-Lng-A-T	1253	chr18:54732350-54732450
chr18	54805950	54806050	901-Lng-B-T	215	chr18:54805950-54806050
chr18	54886350	54886450	901-Lng-C-T	34	chr18:54886350-54886450
chr18	55044050	55044150	1223-Lng-B-T	34	chr18:55044050-55044150
chr18	55049250	55049350	1090-Lng-A-T	59	chr18:55049250-55049350
chr18	55053350	55053450	1274-Lng-A-T	162	chr18:55053350-55053450
chr18	55054450	55054550	1274-Lng-A-T	51	chr18:55054450-55054550
chr18	55063950	55064050	1065-Lng-B-T	67	chr18:55063950-55064050
chr18	55088650	55088750	1274-Lng-A-T	68	chr18:55088650-55088750
chr18	55102050	55102150	1223-Lng-D-T	40	chr18:55102050-55102150
chr18	55128150	55128250	901-Lng-B-T	63	chr18:55128150-55128250
chr18	55507050	55507150	1004-Lng-A-T	107	chr18:55507050-55507150
chr18	55657750	55657850	846-Lng-A-T	91	chr18:55657750-55657850
chr18	55889350	55889450	1152-Lng-A-T	85	chr18:55889350-55889450
chr18	55968250	55968350	1065-Lng-C-T	90	chr18:55968250-55968350
chr18	56074750	56074850	1274-Lng-A-T	64	chr18:56074750-56074850
chr18	56229550	56229650	1065-Lng-B-T	51	chr18:56229550-56229650
chr18	56631150	56631250	901-Lng-C-T	49	chr18:56631150-56631250
chr18	56656650	56656750	1274-Lng-A-T	121	chr18:56656650-56656750
chr18	56845850	56845950	1065-Lng-A-T	40	chr18:56845850-56845950
chr18	56902850	56902950	1223-Lng-B-T	36	chr18:56902850-56902950
chr18	57022550	57022650	1274-Lng-A-T	74	chr18:57022550-57022650
chr18	57043250	57043350	1223-Lng-C-T	55	chr18:57043250-57043350
chr18	57066250	57066350	901-Lng-C-T	78	chr18:57066250-57066350
chr18	57498950	57499050	1065-Lng-B-T	107	chr18:57498950-57499050
chr18	57549650	57549750	901-Lng-C-T	33	chr18:57549650-57549750
chr18	57618550	57618650	846-Lng-A-T	206	chr18:57618550-57618650
chr18	57686250	57686350	1223-Lng-B-T	87	chr18:57686250-57686350
chr18	57709350	57709450	846-Lng-A-T	70	chr18:57709350-57709450
chr18	57766250	57766350	1065-Lng-C-T	79	chr18:57766250-57766350
chr18	57784050	57784150	1090-Lng-A-T	52	chr18:57784050-57784150
chr18	57793250	57793350	1188-Lng-A-T	52	chr18:57793250-57793350
chr18	57832750	57832850	1167-Lng-A-T	1155	chr18:57832750-57832850
chr18	57832750	57832850	1167-Lng-A-T	66	chr18:57832750-57832850
chr18	57931350	57931450	1167-Lng-A-T	59	chr18:57931350-57931450
chr18	58044350	58044450	846-Lng-A-T	99	chr18:58044350-58044450
chr18	58061050	58061150	1274-Lng-A-T	116	chr18:58061050-58061150
chr18	58086650	58086750	901-Lng-A-T	77	chr18:58086650-58086750
chr18	58303250	58303350	1274-Lng-A-T	57	chr18:58303250-58303350
chr18	58458450	58458550	1065-Lng-B-T	45	chr18:58458450-58458550
chr18	58571150	58571250	1065-Lng-C-T	1166	chr18:58571150-58571250
chr18	58603050	58603150	901-Lng-A-T	114	chr18:58603050-58603150
chr18	59256350	59256450	1223-Lng-B-T	266	chr18:59256350-59256450

Table S2: SB Insertion regions

chr18	59367250	59367350	1223-Lng-C-T	45	chr18:59367250-59367350
chr18	59407150	59407250	1223-Lng-B-T	148	chr18:59407150-59407250
chr18	59490950	59491050	1065-Lng-A-T	136	chr18:59490950-59491050
chr18	59568250	59568350	901-Lng-A-T	114	chr18:59568250-59568350
chr18	59578650	59578750	1065-Lng-A-T	65	chr18:59578650-59578750
chr18	59677350	59677450	1152-Lng-A-T	43	chr18:59677350-59677450
chr18	59706150	59706250	901-Lng-C-T	28	chr18:59706150-59706250
chr18	59925550	59925650	1274-Lng-A-T	50	chr18:59925550-59925650
chr18	59964450	59964550	901-Lng-A-T	122	chr18:59964450-59964550
chr18	60256450	60256550	901-Lng-D-T	55	chr18:60256450-60256550
chr18	60638650	60638750	1152-Lng-A-T	74	chr18:60638650-60638750
chr18	60687950	60688050	1223-Lng-C-T	54	chr18:60687950-60688050
chr18	60694950	60695050	1223-Lng-C-T	147	chr18:60694950-60695050
chr18	60709750	60709850	1274-Lng-A-T	209	chr18:60709750-60709850
chr18	60743250	60743350	846-Lng-A-T	144	chr18:60743250-60743350
chr18	60785450	60785550	1152-Lng-A-T	74	chr18:60785450-60785550
chr18	60785550	60785650	1274-Lng-A-T	72	chr18:60785550-60785650
chr18	60856950	60857050	846-Lng-A-T	183	chr18:60856950-60857050
chr18	60896150	60896250	1065-Lng-B-T	52	chr18:60896150-60896250
chr18	60900750	60900850	1274-Lng-A-T	75	chr18:60900750-60900850
chr18	60902250	60902350	1065-Lng-B-T	41	chr18:60902250-60902350
chr18	61122650	61122750	1090-Lng-A-T	88	chr18:61122650-61122750
chr18	61122650	61122750	1167-Lng-A-T	414	chr18:61122650-61122750
chr18	61127450	61127550	1100-Lng-A-T	79	chr18:61127450-61127550
chr18	61315350	61315450	1065-Lng-B-T	59	chr18:61315350-61315450
chr18	61357550	61357650	901-Lng-C-T	86	chr18:61357550-61357650
chr18	61738150	61738250	1223-Lng-B-T	220	chr18:61738150-61738250
chr18	61889950	61890050	1223-Lng-B-T	73	chr18:61889950-61890050
chr18	61909650	61909750	1090-Lng-B-T	257	chr18:61909650-61909750
chr18	61913550	61913650	1274-Lng-A-T	187	chr18:61913550-61913650
chr18	61916250	61916350	1223-Lng-C-T	95	chr18:61916250-61916350
chr18	61919350	61919450	1100-Lng-A-T	79	chr18:61919350-61919450
chr18	61919850	61919950	1223-Lng-C-T	61	chr18:61919850-61919950
chr18	62124450	62124550	1152-Lng-A-T	149	chr18:62124450-62124550
chr18	62344350	62344450	1223-Lng-B-T	35	chr18:62344350-62344450
chr18	62607450	62607550	846-Lng-A-T	95	chr18:62607450-62607550
chr18	62696250	62696350	1090-Lng-B-T	770	chr18:62696250-62696350
chr18	63329150	63329250	1065-Lng-A-T	67	chr18:63329150-63329250
chr18	63350050	63350150	1004-Lng-A-T	67	chr18:63350050-63350150
chr18	63404950	63405050	901-Lng-D-T	140	chr18:63404950-63405050
chr18	63824850	63824950	1100-Lng-A-T	58	chr18:63824850-63824950
chr18	63834350	63834450	901-Lng-D-T	197	chr18:63834350-63834450
chr18	63842350	63842450	1223-Lng-A-T	141	chr18:63842350-63842450
chr18	63843550	63843650	1065-Lng-A-T	738	chr18:63843550-63843650
chr18	63946250	63946350	1274-Lng-A-T	171	chr18:63946250-63946350
chr18	63974250	63974350	1151-Lng-A-T	68	chr18:63974250-63974350

Table S2: SB Insertion regions

chr18	63986750	63986850	1072-Lng-A-T	72	chr18:63986750-63986850
chr18	63990250	63990350	1167-Lng-A-T	56	chr18:63990250-63990350
chr18	63993050	63993150	901-Lng-B-T	142	chr18:63993050-63993150
chr18	63994050	63994150	1090-Lng-A-T	60	chr18:63994050-63994150
chr18	64090350	64090450	1065-Lng-B-T	228	chr18:64090350-64090450
chr18	64176050	64176150	1152-Lng-A-T	266	chr18:64176050-64176150
chr18	64356450	64356550	1151-Lng-A-T	82	chr18:64356450-64356550
chr18	64718850	64718950	1065-Lng-A-T	280	chr18:64718850-64718950
chr18	64788450	64788550	1167-Lng-A-T	117	chr18:64788450-64788550
chr18	64788950	64789050	1274-Lng-A-T	148	chr18:64788950-64789050
chr18	65072650	65072750	1151-Lng-A-T	175	chr18:65072650-65072750
chr18	65077150	65077250	1223-Lng-C-T	48	chr18:65077150-65077250
chr18	65144350	65144450	1223-Lng-D-T	49	chr18:65144350-65144450
chr18	65149750	65149850	901-Lng-A-T	85	chr18:65149750-65149850
chr18	65182550	65182650	1072-Lng-A-T	49	chr18:65182550-65182650
chr18	65204850	65204950	1188-Lng-A-T	47	chr18:65204850-65204950
chr18	65238450	65238550	901-Lng-C-T	120	chr18:65238450-65238550
chr18	65245850	65245950	846-Lng-A-T	373	chr18:65245850-65245950
chr18	65275650	65275750	1274-Lng-A-T	97	chr18:65275650-65275750
chr18	65295050	65295150	1223-Lng-C-T	48	chr18:65295050-65295150
chr18	65312350	65312450	1065-Lng-B-T	64	chr18:65312350-65312450
chr18	65366550	65366650	1065-Lng-C-T	63	chr18:65366550-65366650
chr18	65376750	65376850	1100-Lng-A-T	69	chr18:65376750-65376850
chr18	65399050	65399150	901-Lng-A-T	118	chr18:65399050-65399150
chr18	65594850	65594950	901-Lng-C-T	83	chr18:65594850-65594950
chr18	65605650	65605750	1065-Lng-B-T	45	chr18:65605650-65605750
chr18	65628950	65629050	1004-Lng-A-T	298	chr18:65628950-65629050
chr18	65684350	65684450	901-Lng-C-T	55	chr18:65684350-65684450
chr18	65795750	65795850	1100-Lng-A-T	80	chr18:65795750-65795850
chr18	65968850	65968950	901-Lng-C-T	98	chr18:65968850-65968950
chr18	66327050	66327150	1072-Lng-A-T	95	chr18:66327050-66327150
chr18	66496350	66496450	1151-Lng-A-T	82	chr18:66496350-66496450
chr18	66692250	66692350	1152-Lng-A-T	33	chr18:66692250-66692350
chr18	66993850	66993950	1151-Lng-A-T	60	chr18:66993850-66993950
chr18	67080350	67080450	1004-Lng-A-T	58	chr18:67080350-67080450
chr18	67250750	67250850	1188-Lng-A-T	177	chr18:67250750-67250850
chr18	67367450	67367550	1223-Lng-C-T	262	chr18:67367450-67367550
chr18	67401150	67401250	1072-Lng-A-T	95	chr18:67401150-67401250
chr18	67595650	67595750	1223-Lng-A-T	1495	chr18:67595650-67595750
chr18	67698750	67698850	1090-Lng-B-T	422	chr18:67698750-67698850
chr18	67844350	67844450	1100-Lng-A-T	80	chr18:67844350-67844450
chr18	67852650	67852750	1151-Lng-A-T	80	chr18:67852650-67852750
chr18	67882350	67882450	901-Lng-A-T	198	chr18:67882350-67882450
chr18	68129050	68129150	901-Lng-B-T	47	chr18:68129050-68129150
chr18	68171150	68171250	1065-Lng-A-T	88	chr18:68171150-68171250
chr18	68174750	68174850	1188-Lng-A-T	157	chr18:68174750-68174850

Table S2: SB Insertion regions

chr18	68187650	68187750	1223-Lng-A-T	1280	chr18:68187650-68187750
chr18	68274650	68274750	1188-Lng-A-T	181	chr18:68274650-68274750
chr18	68327450	68327550	846-Lng-A-T	55	chr18:68327450-68327550
chr18	68505550	68505650	901-Lng-C-T	72	chr18:68505550-68505650
chr18	68722950	68723050	1274-Lng-A-T	71	chr18:68722950-68723050
chr18	69357450	69357550	1151-Lng-A-T	292	chr18:69357450-69357550
chr18	69446650	69446750	1065-Lng-B-T	589	chr18:69446650-69446750
chr18	69538350	69538450	1090-Lng-B-T	287	chr18:69538350-69538450
chr18	69538450	69538550	1152-Lng-A-T	133	chr18:69538450-69538550
chr18	69549550	69549650	1072-Lng-A-T	54	chr18:69549550-69549650
chr18	69638750	69638850	1223-Lng-A-T	1245	chr18:69638750-69638850
chr18	69652650	69652750	1065-Lng-A-T	44	chr18:69652650-69652750
chr18	69669850	69669950	1223-Lng-B-T	73	chr18:69669850-69669950
chr18	69711750	69711850	1223-Lng-B-T	49	chr18:69711750-69711850
chr18	69753750	69753850	901-Lng-A-T	107	chr18:69753750-69753850
chr18	69995950	69996050	1065-Lng-C-T	92	chr18:69995950-69996050
chr18	70146150	70146250	1274-Lng-A-T	146	chr18:70146150-70146250
chr18	70187850	70187950	1274-Lng-A-T	56	chr18:70187850-70187950
chr18	70201750	70201850	1072-Lng-A-T	119	chr18:70201750-70201850
chr18	70211950	70212050	1223-Lng-C-T	465	chr18:70211950-70212050
chr18	70290050	70290150	1065-Lng-A-T	51	chr18:70290050-70290150
chr18	70657750	70657850	901-Lng-B-T	225	chr18:70657750-70657850
chr18	70772450	70772550	1274-Lng-A-T	1508	chr18:70772450-70772550
chr18	71117150	71117250	1065-Lng-B-T	60	chr18:71117150-71117250
chr18	71219250	71219350	1188-Lng-A-T	45	chr18:71219250-71219350
chr18	71257150	71257250	1090-Lng-A-T	197	chr18:71257150-71257250
chr18	71391650	71391750	901-Lng-A-T	75	chr18:71391650-71391750
chr18	71631050	71631150	846-Lng-A-T	58	chr18:71631050-71631150
chr18	71635850	71635950	1167-Lng-A-T	79	chr18:71635850-71635950
chr18	71653250	71653350	1004-Lng-A-T	49	chr18:71653250-71653350
chr18	71726150	71726250	1065-Lng-A-T	68	chr18:71726150-71726250
chr18	71735750	71735850	846-Lng-A-T	74	chr18:71735750-71735850
chr18	71753350	71753450	1065-Lng-C-T	77	chr18:71753350-71753450
chr18	71766350	71766450	901-Lng-A-T	81	chr18:71766350-71766450
chr18	71783650	71783750	1065-Lng-C-T	83	chr18:71783650-71783750
chr18	71789150	71789250	1223-Lng-B-T	194	chr18:71789150-71789250
chr18	71914950	71915050	846-Lng-A-T	180	chr18:71914950-71915050
chr18	71922550	71922650	1223-Lng-D-T	40	chr18:71922550-71922650
chr18	72036850	72036950	1065-Lng-C-T	64	chr18:72036850-72036950
chr18	72238850	72238950	1223-Lng-A-T	55	chr18:72238850-72238950
chr18	72344850	72344950	1065-Lng-A-T	38	chr18:72344850-72344950
chr18	72447250	72447350	1274-Lng-A-T	57	chr18:72447250-72447350
chr18	73539650	73539750	1274-Lng-A-T	52	chr18:73539650-73539750
chr18	73712650	73712750	1188-Lng-A-T	45	chr18:73712650-73712750
chr18	73741650	73741750	1152-Lng-A-T	35	chr18:73741650-73741750
chr18	73748050	73748150	846-Lng-A-T	150	chr18:73748050-73748150

Table S2: SB Insertion regions

chr18	73801850	73801950	1065-Lng-A-T	44	chr18:73801850-73801950
chr18	73817450	73817550	901-Lng-C-T	78	chr18:73817450-73817550
chr18	73818350	73818450	1188-Lng-A-T	136	chr18:73818350-73818450
chr18	73819350	73819450	1065-Lng-B-T	76	chr18:73819350-73819450
chr18	73831350	73831450	1223-Lng-C-T	87	chr18:73831350-73831450
chr18	73838250	73838350	1090-Lng-A-T	89	chr18:73838250-73838350
chr18	73858150	73858250	1090-Lng-B-T	570	chr18:73858150-73858250
chr18	73860050	73860150	1065-Lng-B-T	44	chr18:73860050-73860150
chr18	73946350	73946450	1100-Lng-A-T	121	chr18:73946350-73946450
chr18	74125650	74125750	1065-Lng-C-T	112	chr18:74125650-74125750
chr18	74146050	74146150	1167-Lng-A-T	192	chr18:74146050-74146150
chr18	74429350	74429450	901-Lng-D-T	372	chr18:74429350-74429450
chr18	74592850	74592950	901-Lng-C-T	51	chr18:74592850-74592950
chr18	74598350	74598450	901-Lng-A-T	66	chr18:74598350-74598450
chr18	74621450	74621550	1152-Lng-A-T	33	chr18:74621450-74621550
chr18	74621750	74621850	1065-Lng-C-T	136	chr18:74621750-74621850
chr18	74636250	74636350	846-Lng-A-T	70	chr18:74636250-74636350
chr18	74651850	74651950	846-Lng-A-T	77	chr18:74651850-74651950
chr18	74673850	74673950	1100-Lng-B-T	268	chr18:74673850-74673950
chr18	74720550	74720650	1167-Lng-A-T	82	chr18:74720550-74720650
chr18	74735450	74735550	901-Lng-C-T	45	chr18:74735450-74735550
chr18	74735450	74735550	1274-Lng-A-T	70	chr18:74735450-74735550
chr18	74748650	74748750	901-Lng-D-T	75	chr18:74748650-74748750
chr18	74770350	74770450	1152-Lng-A-T	90	chr18:74770350-74770450
chr18	74824450	74824550	1100-Lng-A-T	52	chr18:74824450-74824550
chr18	74843850	74843950	1167-Lng-A-T	61	chr18:74843850-74843950
chr18	74886050	74886150	1223-Lng-D-T	45	chr18:74886050-74886150
chr18	75208650	75208750	1065-Lng-A-T	47	chr18:75208650-75208750
chr18	75231950	75232050	1223-Lng-B-T	39	chr18:75231950-75232050
chr18	75332850	75332950	1100-Lng-A-T	52	chr18:75332850-75332950
chr18	75380750	75380850	1100-Lng-A-T	59	chr18:75380750-75380850
chr18	75395550	75395650	1152-Lng-A-T	141	chr18:75395550-75395650
chr18	75470450	75470550	1100-Lng-A-T	93	chr18:75470450-75470550
chr18	75612750	75612850	1188-Lng-A-T	46	chr18:75612750-75612850
chr18	75701850	75701950	901-Lng-A-T	160	chr18:75701850-75701950
chr18	75735050	75735150	1167-Lng-A-T	249	chr18:75735050-75735150
chr18	76197950	76198050	901-Lng-C-T	57	chr18:76197950-76198050
chr18	76353650	76353750	901-Lng-A-T	53	chr18:76353650-76353750
chr18	76403450	76403550	1223-Lng-C-T	164	chr18:76403450-76403550
chr18	76426050	76426150	1223-Lng-C-T	318	chr18:76426050-76426150
chr18	76441450	76441550	901-Lng-A-T	59	chr18:76441450-76441550
chr18	76446850	76446950	1090-Lng-A-T	53	chr18:76446850-76446950
chr18	76457750	76457850	1151-Lng-A-T	79	chr18:76457750-76457850
chr18	76464050	76464150	1188-Lng-A-T	181	chr18:76464050-76464150
chr18	76466750	76466850	901-Lng-B-T	378	chr18:76466750-76466850
chr18	76802750	76802850	1100-Lng-A-T	55	chr18:76802750-76802850

Table S2: SB Insertion regions

chr18	76847450	76847550	1274-Lng-A-T	149	chr18:76847450-76847550
chr18	77173450	77173550	1223-Lng-A-T	1363	chr18:77173450-77173550
chr18	77214550	77214650	1004-Lng-A-T	55	chr18:77214550-77214650
chr18	77259650	77259750	1223-Lng-A-T	150	chr18:77259650-77259750
chr18	77335650	77335750	1065-Lng-A-T	102	chr18:77335650-77335750
chr18	77828750	77828850	846-Lng-A-T	154	chr18:77828750-77828850
chr18	77900650	77900750	1223-Lng-B-T	35	chr18:77900650-77900750
chr18	77901650	77901750	1152-Lng-A-T	141	chr18:77901650-77901750
chr18	77911250	77911350	1065-Lng-A-T	103	chr18:77911250-77911350
chr18	77931550	77931650	1223-Lng-D-T	193	chr18:77931550-77931650
chr18	77938650	77938750	1223-Lng-B-T	34	chr18:77938650-77938750
chr18	78022450	78022550	901-Lng-B-T	203	chr18:78022450-78022550
chr18	78130450	78130550	846-Lng-A-T	62	chr18:78130450-78130550
chr18	78134550	78134650	1100-Lng-A-T	135	chr18:78134550-78134650
chr18	78346950	78347050	901-Lng-C-T	206	chr18:78346950-78347050
chr18	78361450	78361550	901-Lng-D-T	388	chr18:78361450-78361550
chr18	78425550	78425650	1072-Lng-A-T	64	chr18:78425550-78425650
chr18	78430050	78430150	1223-Lng-C-T	47	chr18:78430050-78430150
chr18	78470950	78471050	1223-Lng-A-T	69	chr18:78470950-78471050
chr18	78644250	78644350	1223-Lng-C-T	59	chr18:78644250-78644350
chr18	78856950	78857050	1065-Lng-B-T	44	chr18:78856950-78857050
chr18	78863250	78863350	1223-Lng-C-T	46	chr18:78863250-78863350
chr18	78981650	78981750	1167-Lng-A-T	91	chr18:78981650-78981750
chr18	79037250	79037350	901-Lng-A-T	56	chr18:79037250-79037350
chr18	79068350	79068450	1188-Lng-A-T	265	chr18:79068350-79068450
chr18	79103350	79103450	901-Lng-A-T	80	chr18:79103350-79103450
chr18	79160450	79160550	1065-Lng-A-T	53	chr18:79160450-79160550
chr18	79171350	79171450	1223-Lng-B-T	94	chr18:79171350-79171450
chr18	79240650	79240750	1065-Lng-C-T	65	chr18:79240650-79240750
chr18	79242750	79242850	1152-Lng-A-T	44	chr18:79242750-79242850
chr18	79283150	79283250	1188-Lng-A-T	131	chr18:79283150-79283250
chr18	79400650	79400750	1223-Lng-C-T	54	chr18:79400650-79400750
chr18	79599450	79599550	1167-Lng-A-T	137	chr18:79599450-79599550
chr18	79605150	79605250	901-Lng-B-T	180	chr18:79605150-79605250
chr18	79809350	79809450	1065-Lng-C-T	91	chr18:79809350-79809450
chr18	80021950	80022050	1065-Lng-B-T	277	chr18:80021950-80022050
chr18	80345450	80345550	1274-Lng-A-T	56	chr18:80345450-80345550
chr18	80476850	80476950	1065-Lng-A-T	72	chr18:80476850-80476950
chr18	80606350	80606450	1274-Lng-A-T	119	chr18:80606350-80606450
chr18	80612850	80612950	1100-Lng-A-T	66	chr18:80612850-80612950
chr18	80750250	80750350	1274-Lng-A-T	50	chr18:80750250-80750350
chr18	80770850	80770950	1065-Lng-A-T	94	chr18:80770850-80770950
chr18	80820950	80821050	1188-Lng-A-T	167	chr18:80820950-80821050
chr18	80859350	80859450	1223-Lng-B-T	39	chr18:80859350-80859450
chr18	80916750	80916850	1004-Lng-A-T	50	chr18:80916750-80916850
chr18	80963250	80963350	1188-Lng-A-T	45	chr18:80963250-80963350

Table S2: SB Insertion regions

chr18	81044350	81044450	901-Lng-A-T	123	chr18:81044350-81044450
chr18	81049750	81049850	1223-Lng-B-T	41	chr18:81049750-81049850
chr18	81071750	81071850	1223-Lng-C-T	119	chr18:81071750-81071850
chr18	81088350	81088450	1065-Lng-C-T	114	chr18:81088350-81088450
chr18	81092050	81092150	1152-Lng-A-T	85	chr18:81092050-81092150
chr18	81106550	81106650	1223-Lng-C-T	70	chr18:81106550-81106650
chr18	81145550	81145650	1090-Lng-B-T	234	chr18:81145550-81145650
chr18	81249650	81249750	901-Lng-B-T	154	chr18:81249650-81249750
chr18	81722850	81722950	846-Lng-A-T	127	chr18:81722850-81722950
chr18	82063750	82063850	1065-Lng-B-T	64	chr18:82063750-82063850
chr18	82426850	82426950	1065-Lng-C-T	80	chr18:82426850-82426950
chr18	82532050	82532150	1065-Lng-B-T	59	chr18:82532050-82532150
chr18	82654850	82654950	901-Lng-D-T	118	chr18:82654850-82654950
chr18	82696350	82696450	1151-Lng-A-T	104	chr18:82696350-82696450
chr18	82708850	82708950	1167-Lng-A-T	113	chr18:82708850-82708950
chr18	82783550	82783650	1065-Lng-A-T	57	chr18:82783550-82783650
chr18	82851050	82851150	901-Lng-B-T	59	chr18:82851050-82851150
chr18	82921150	82921250	1065-Lng-B-T	325	chr18:82921150-82921250
chr18	83005550	83005650	1188-Lng-A-T	142	chr18:83005550-83005650
chr18	83102250	83102350	1188-Lng-A-T	88	chr18:83102250-83102350
chr18	83102350	83102450	1004-Lng-A-T	79	chr18:83102350-83102450
chr18	83154450	83154550	1065-Lng-B-T	70	chr18:83154450-83154550
chr18	83194950	83195050	1090-Lng-A-T	91	chr18:83194950-83195050
chr18	83226350	83226450	846-Lng-A-T	79	chr18:83226350-83226450
chr18	83296050	83296150	1167-Lng-A-T	68	chr18:83296050-83296150
chr18	83353950	83354050	1223-Lng-C-T	325	chr18:83353950-83354050
chr18	83715450	83715550	1152-Lng-A-T	57	chr18:83715450-83715550
chr18	83749850	83749950	1072-Lng-A-T	229	chr18:83749850-83749950
chr18	83906750	83906850	846-Lng-A-T	81	chr18:83906750-83906850
chr18	84261350	84261450	901-Lng-B-T	139	chr18:84261350-84261450
chr18	84266050	84266150	1100-Lng-A-T	69	chr18:84266050-84266150
chr18	84466450	84466550	1090-Lng-A-T	87	chr18:84466450-84466550
chr18	84486550	84486650	1223-Lng-D-T	45	chr18:84486550-84486650
chr18	84568850	84568950	1223-Lng-D-T	98	chr18:84568850-84568950
chr18	84608050	84608150	1274-Lng-A-T	58	chr18:84608050-84608150
chr18	84624450	84624550	1004-Lng-A-T	106	chr18:84624450-84624550
chr18	84631950	84632050	901-Lng-B-T	147	chr18:84631950-84632050
chr18	84717750	84717850	1090-Lng-A-T	127	chr18:84717750-84717850
chr18	84903550	84903650	1072-Lng-A-T	51	chr18:84903550-84903650
chr18	84950650	84950750	1004-Lng-A-T	67	chr18:84950650-84950750
chr18	84954650	84954750	1188-Lng-A-T	195	chr18:84954650-84954750
chr18	85053650	85053750	1100-Lng-A-T	475	chr18:85053650-85053750
chr18	85304150	85304250	1274-Lng-A-T	54	chr18:85304150-85304250
chr18	85600450	85600550	1223-Lng-C-T	45	chr18:85600450-85600550
chr18	85819350	85819450	1072-Lng-A-T	53	chr18:85819350-85819450
chr18	86225750	86225850	1223-Lng-A-T	178	chr18:86225750-86225850

Table S2: SB Insertion regions

chr18	86465250	86465350	1004-Lng-A-T	72	chr18:86465250-86465350
chr18	86496050	86496150	901-Lng-A-T	54	chr18:86496050-86496150
chr18	86600450	86600550	1274-Lng-A-T	83	chr18:86600450-86600550
chr18	86718250	86718350	1065-Lng-C-T	63	chr18:86718250-86718350
chr18	86836950	86837050	1152-Lng-A-T	101	chr18:86836950-86837050
chr18	86837950	86838050	1072-Lng-A-T	89	chr18:86837950-86838050
chr18	86912650	86912750	1065-Lng-C-T	82	chr18:86912650-86912750
chr18	86913950	86914050	1090-Lng-A-T	111	chr18:86913950-86914050
chr18	86995350	86995450	1152-Lng-A-T	57	chr18:86995350-86995450
chr18	87171250	87171350	901-Lng-C-T	42	chr18:87171250-87171350
chr18	87219850	87219950	1152-Lng-A-T	48	chr18:87219850-87219950
chr18	87312450	87312550	1223-Lng-A-T	1185	chr18:87312450-87312550
chr18	87506850	87506950	1100-Lng-A-T	56	chr18:87506850-87506950
chr18	87564150	87564250	1152-Lng-A-T	121	chr18:87564150-87564250
chr18	87638850	87638950	901-Lng-C-T	33	chr18:87638850-87638950
chr18	87870050	87870150	1188-Lng-A-T	190	chr18:87870050-87870150
chr18	88133450	88133550	1223-Lng-B-T	218	chr18:88133450-88133550
chr18	88231250	88231350	901-Lng-B-T	250	chr18:88231250-88231350
chr18	88236350	88236450	1072-Lng-A-T	110	chr18:88236350-88236450
chr18	88279350	88279450	1188-Lng-A-T	35	chr18:88279350-88279450
chr18	88306050	88306150	1065-Lng-B-T	224	chr18:88306050-88306150
chr18	88368350	88368450	901-Lng-D-T	349	chr18:88368350-88368450
chr18	88547250	88547350	1065-Lng-A-T	52	chr18:88547250-88547350
chr18	88574350	88574450	1152-Lng-A-T	74	chr18:88574350-88574450
chr18	88616150	88616250	1072-Lng-A-T	119	chr18:88616150-88616250
chr18	88655050	88655150	846-Lng-A-T	69	chr18:88655050-88655150
chr18	88822550	88822650	901-Lng-C-T	70	chr18:88822550-88822650
chr18	88859350	88859450	1223-Lng-C-T	44	chr18:88859350-88859450
chr18	88957650	88957750	846-Lng-A-T	658	chr18:88957650-88957750
chr18	89031350	89031450	901-Lng-B-T	171	chr18:89031350-89031450
chr18	89040750	89040850	1223-Lng-A-T	164	chr18:89040750-89040850
chr18	89069950	89070050	1100-Lng-B-T	80	chr18:89069950-89070050
chr18	89242450	89242550	1065-Lng-A-T	38	chr18:89242450-89242550
chr18	89329550	89329650	901-Lng-A-T	55	chr18:89329550-89329650
chr18	89373050	89373150	901-Lng-D-T	202	chr18:89373050-89373150
chr18	89396250	89396350	901-Lng-D-T	156	chr18:89396250-89396350
chr18	89430850	89430950	901-Lng-C-T	155	chr18:89430850-89430950
chr18	89550950	89551050	901-Lng-A-T	81	chr18:89550950-89551050
chr18	89716450	89716550	1004-Lng-A-T	54	chr18:89716450-89716550
chr18	89816750	89816850	1090-Lng-A-T	97	chr18:89816750-89816850
chr18	89832650	89832750	901-Lng-A-T	102	chr18:89832650-89832750
chr18	89840750	89840850	901-Lng-D-T	359	chr18:89840750-89840850
chr18	89933450	89933550	901-Lng-A-T	79	chr18:89933450-89933550
chr18	90018950	90019050	1004-Lng-A-T	98	chr18:90018950-90019050
chr18	90089850	90089950	901-Lng-B-T	160	chr18:90089850-90089950
chr18	90142350	90142450	1223-Lng-C-T	54	chr18:90142350-90142450

Table S2: SB Insertion regions

chr18	90144250	90144350	1274-Lng-A-T	57	chr18:90144250-90144350
chr18	90305050	90305150	1090-Lng-A-T	61	chr18:90305050-90305150
chr18	90308750	90308850	1065-Lng-B-T	102	chr18:90308750-90308850
chr18	90350450	90350550	1188-Lng-A-T	38	chr18:90350450-90350550
chr18	90414450	90414550	1065-Lng-A-T	105	chr18:90414450-90414550
chr18	90442950	90443050	1223-Lng-A-T	69	chr18:90442950-90443050
chr18	90455250	90455350	1188-Lng-A-T	41	chr18:90455250-90455350
chr19	3324650	3324750	1151-Lng-A-T	518	chr19:3324650-3324750
chr19	3471550	3471650	846-Lng-A-T	99	chr19:3471550-3471650
chr19	3492050	3492150	1152-Lng-A-T	80	chr19:3492050-3492150
chr19	3508550	3508650	1100-Lng-A-T	106	chr19:3508550-3508650
chr19	3529950	3530050	1100-Lng-A-T	52	chr19:3529950-3530050
chr19	3535850	3535950	1223-Lng-D-T	41	chr19:3535850-3535950
chr19	3541050	3541150	1065-Lng-B-T	97	chr19:3541050-3541150
chr19	3550850	3550950	901-Lng-A-T	76	chr19:3550850-3550950
chr19	3612650	3612750	1072-Lng-A-T	110	chr19:3612650-3612750
chr19	3662650	3662750	846-Lng-A-T	130	chr19:3662650-3662750
chr19	3665750	3665850	901-Lng-D-T	88	chr19:3665750-3665850
chr19	3736850	3736950	1065-Lng-A-T	92	chr19:3736850-3736950
chr19	3819750	3819850	1223-Lng-A-T	460	chr19:3819750-3819850
chr19	4012950	4013050	1152-Lng-A-T	315	chr19:4012950-4013050
chr19	4088650	4088750	901-Lng-A-T	58	chr19:4088650-4088750
chr19	4298550	4298650	1152-Lng-A-T	35	chr19:4298550-4298650
chr19	4301550	4301650	846-Lng-A-T	210	chr19:4301550-4301650
chr19	4345150	4345250	1188-Lng-A-T	86	chr19:4345150-4345250
chr19	4373450	4373550	1065-Lng-A-T	50	chr19:4373450-4373550
chr19	4394050	4394150	1188-Lng-A-T	40	chr19:4394050-4394150
chr19	4576150	4576250	1072-Lng-A-T	257	chr19:4576150-4576250
chr19	4588050	4588150	901-Lng-A-T	88	chr19:4588050-4588150
chr19	4610350	4610450	1223-Lng-D-T	51	chr19:4610350-4610450
chr19	4626350	4626450	1065-Lng-A-T	43	chr19:4626350-4626450
chr19	4700650	4700750	1151-Lng-A-T	80	chr19:4700650-4700750
chr19	4711550	4711650	1065-Lng-A-T	50	chr19:4711550-4711650
chr19	4761650	4761750	1274-Lng-A-T	169	chr19:4761650-4761750
chr19	4773550	4773650	1152-Lng-A-T	264	chr19:4773550-4773650
chr19	4884350	4884450	1223-Lng-D-T	49	chr19:4884350-4884450
chr19	4907350	4907450	1072-Lng-A-T	124	chr19:4907350-4907450
chr19	5149950	5150050	901-Lng-A-T	81	chr19:5149950-5150050
chr19	5225650	5225750	901-Lng-B-T	79	chr19:5225650-5225750
chr19	5270850	5270950	1274-Lng-A-T	162	chr19:5270850-5270950
chr19	5376850	5376950	1152-Lng-A-T	66	chr19:5376850-5376950
chr19	5398750	5398850	1004-Lng-A-T	51	chr19:5398750-5398850
chr19	5566150	5566250	1223-Lng-B-T	92	chr19:5566150-5566250
chr19	5612450	5612550	1090-Lng-A-T	53	chr19:5612450-5612550
chr19	5936550	5936650	1100-Lng-A-T	74	chr19:5936550-5936650
chr19	5955950	5956050	901-Lng-C-T	37	chr19:5955950-5956050

Table S2: SB Insertion regions

chr19	6043750	6043850	1004-Lng-A-T	50	chr19:6043750-6043850
chr19	6092950	6093050	1004-Lng-A-T	75	chr19:6092950-6093050
chr19	6376650	6376750	1152-Lng-A-T	40	chr19:6376650-6376750
chr19	6654150	6654250	901-Lng-B-T	235	chr19:6654150-6654250
chr19	6981050	6981150	1100-Lng-A-T	102	chr19:6981050-6981150
chr19	7057550	7057650	846-Lng-A-T	88	chr19:7057550-7057650
chr19	7086850	7086950	901-Lng-D-T	287	chr19:7086850-7086950
chr19	7099850	7099950	1090-Lng-A-T	53	chr19:7099850-7099950
chr19	7130950	7131050	1223-Lng-B-T	178	chr19:7130950-7131050
chr19	7168750	7168850	901-Lng-C-T	31	chr19:7168750-7168850
chr19	7230450	7230550	1152-Lng-A-T	50	chr19:7230450-7230550
chr19	7287750	7287850	1223-Lng-A-T	1824	chr19:7287750-7287850
chr19	7536450	7536550	1090-Lng-A-T	82	chr19:7536450-7536550
chr19	7544850	7544950	1188-Lng-A-T	2082	chr19:7544850-7544950
chr19	7571050	7571150	1090-Lng-B-T	74	chr19:7571050-7571150
chr19	7579950	7580050	1167-Lng-A-T	51	chr19:7579950-7580050
chr19	7603250	7603350	1188-Lng-A-T	34	chr19:7603250-7603350
chr19	7642450	7642550	1065-Lng-B-T	59	chr19:7642450-7642550
chr19	7646050	7646150	901-Lng-C-T	37	chr19:7646050-7646150
chr19	7655150	7655250	1167-Lng-A-T	66	chr19:7655150-7655250
chr19	8125750	8125850	1188-Lng-A-T	35	chr19:8125750-8125850
chr19	8156150	8156250	1065-Lng-C-T	70	chr19:8156150-8156250
chr19	8511150	8511250	1223-Lng-B-T	39	chr19:8511150-8511250
chr19	8715950	8716050	1188-Lng-A-T	109	chr19:8715950-8716050
chr19	8784450	8784550	1100-Lng-A-T	303	chr19:8784450-8784550
chr19	8785250	8785350	1100-Lng-B-T	79	chr19:8785250-8785350
chr19	8837650	8837750	1274-Lng-A-T	62	chr19:8837650-8837750
chr19	9046750	9046850	1167-Lng-A-T	160	chr19:9046750-9046850
chr19	9093450	9093550	1065-Lng-A-T	69	chr19:9093450-9093550
chr19	9097450	9097550	901-Lng-B-T	243	chr19:9097450-9097550
chr19	9106550	9106650	1223-Lng-B-T	228	chr19:9106550-9106650
chr19	9115750	9115850	1072-Lng-A-T	152	chr19:9115750-9115850
chr19	9144650	9144750	1100-Lng-A-T	60	chr19:9144650-9144750
chr19	9149450	9149550	1274-Lng-A-T	186	chr19:9149450-9149550
chr19	9170950	9171050	1223-Lng-C-T	249	chr19:9170950-9171050
chr19	9336950	9337050	1100-Lng-A-T	99	chr19:9336950-9337050
chr19	9387750	9387850	1065-Lng-B-T	79	chr19:9387750-9387850
chr19	9525650	9525750	846-Lng-A-T	114	chr19:9525650-9525750
chr19	9771250	9771350	1065-Lng-C-T	861	chr19:9771250-9771350
chr19	10154850	10154950	1004-Lng-A-T	84	chr19:10154850-10154950
chr19	10374850	10374950	1151-Lng-A-T	325	chr19:10374850-10374950
chr19	10586850	10586950	846-Lng-A-T	48	chr19:10586850-10586950
chr19	10648550	10648650	1100-Lng-A-T	59	chr19:10648550-10648650
chr19	10686250	10686350	1223-Lng-C-T	53	chr19:10686250-10686350
chr19	10694450	10694550	1223-Lng-B-T	41	chr19:10694450-10694550
chr19	10768350	10768450	1100-Lng-B-T	11327	chr19:10768350-10768450

Table S2: SB Insertion regions

chr19	10784250	10784350	901-Lng-A-T	108	chr19:10784250-10784350
chr19	10890750	10890850	901-Lng-B-T	57	chr19:10890750-10890850
chr19	11082150	11082250	1223-Lng-A-T	101	chr19:11082150-11082250
chr19	11194350	11194450	1152-Lng-A-T	85	chr19:11194350-11194450
chr19	11233450	11233550	1223-Lng-B-T	56	chr19:11233450-11233550
chr19	11306350	11306450	1065-Lng-B-T	84	chr19:11306350-11306450
chr19	11480150	11480250	1065-Lng-C-T	63	chr19:11480150-11480250
chr19	11800750	11800850	1004-Lng-A-T	83	chr19:11800750-11800850
chr19	11810350	11810450	1152-Lng-A-T	37	chr19:11810350-11810450
chr19	11884650	11884750	901-Lng-D-T	258	chr19:11884650-11884750
chr19	11947150	11947250	1152-Lng-A-T	104	chr19:11947150-11947250
chr19	11959150	11959250	1004-Lng-A-T	77	chr19:11959150-11959250
chr19	11996850	11996950	1274-Lng-A-T	58	chr19:11996850-11996950
chr19	12024050	12024150	901-Lng-C-T	69	chr19:12024050-12024150
chr19	12041750	12041850	1100-Lng-A-T	158	chr19:12041750-12041850
chr19	12052150	12052250	1065-Lng-B-T	44	chr19:12052150-12052250
chr19	12128550	12128650	1065-Lng-C-T	80	chr19:12128550-12128650
chr19	12556850	12556950	1223-Lng-C-T	117	chr19:12556850-12556950
chr19	12607250	12607350	846-Lng-A-T	138	chr19:12607250-12607350
chr19	12844150	12844250	1223-Lng-A-T	836	chr19:12844150-12844250
chr19	12858250	12858350	1274-Lng-A-T	140	chr19:12858250-12858350
chr19	12864350	12864450	1152-Lng-A-T	249	chr19:12864350-12864450
chr19	12897850	12897950	1065-Lng-B-T	62	chr19:12897850-12897950
chr19	13018050	13018150	1090-Lng-B-T	268	chr19:13018050-13018150
chr19	13437050	13437150	1274-Lng-A-T	64	chr19:13437050-13437150
chr19	13458350	13458450	901-Lng-C-T	81	chr19:13458350-13458450
chr19	13637750	13637850	901-Lng-C-T	34	chr19:13637750-13637850
chr19	14195850	14195950	1152-Lng-A-T	55	chr19:14195850-14195950
chr19	14232050	14232150	1223-Lng-C-T	79	chr19:14232050-14232150
chr19	14236950	14237050	901-Lng-A-T	70	chr19:14236950-14237050
chr19	14283750	14283850	1065-Lng-C-T	110	chr19:14283750-14283850
chr19	14364550	14364650	1090-Lng-A-T	56	chr19:14364550-14364650
chr19	14497950	14498050	1274-Lng-A-T	60	chr19:14497950-14498050
chr19	14553950	14554050	1188-Lng-A-T	92	chr19:14553950-14554050
chr19	14560350	14560450	1004-Lng-A-T	51	chr19:14560350-14560450
chr19	14571050	14571150	1065-Lng-B-T	62	chr19:14571050-14571150
chr19	14616350	14616450	901-Lng-A-T	119	chr19:14616350-14616450
chr19	14626450	14626550	1274-Lng-A-T	152	chr19:14626450-14626550
chr19	14636250	14636350	1072-Lng-A-T	77	chr19:14636250-14636350
chr19	14646750	14646850	1223-Lng-B-T	252	chr19:14646750-14646850
chr19	14647450	14647550	901-Lng-C-T	31	chr19:14647450-14647550
chr19	14648650	14648750	901-Lng-D-T	198	chr19:14648650-14648750
chr19	14669350	14669450	1090-Lng-A-T	65	chr19:14669350-14669450
chr19	14824950	14825050	1065-Lng-A-T	42	chr19:14824950-14825050
chr19	14826050	14826150	1100-Lng-A-T	100	chr19:14826050-14826150
chr19	15431450	15431550	1223-Lng-B-T	42	chr19:15431450-15431550

Table S2: SB Insertion regions

chr19	15684250	15684350	1274-Lng-A-T	159	chr19:15684250-15684350
chr19	15798350	15798450	1065-Lng-A-T	50	chr19:15798350-15798450
chr19	16222250	16222350	1100-Lng-A-T	71	chr19:16222250-16222350
chr19	16255050	16255150	1151-Lng-A-T	55	chr19:16255050-16255150
chr19	16263750	16263850	1152-Lng-A-T	83	chr19:16263750-16263850
chr19	16267350	16267450	1065-Lng-B-T	98	chr19:16267350-16267450
chr19	16320550	16320650	1065-Lng-B-T	50	chr19:16320550-16320650
chr19	16329050	16329150	1152-Lng-A-T	112	chr19:16329050-16329150
chr19	16335950	16336050	1100-Lng-A-T	64	chr19:16335950-16336050
chr19	16415050	16415150	901-Lng-A-T	91	chr19:16415050-16415150
chr19	16436050	16436150	1151-Lng-A-T	74	chr19:16436050-16436150
chr19	16441150	16441250	1065-Lng-A-T	105	chr19:16441150-16441250
chr19	16456250	16456350	1167-Lng-A-T	45	chr19:16456250-16456350
chr19	16457550	16457650	1151-Lng-A-T	459	chr19:16457550-16457650
chr19	16516150	16516250	1223-Lng-B-T	227	chr19:16516150-16516250
chr19	16685450	16685550	1152-Lng-A-T	251	chr19:16685450-16685550
chr19	17049750	17049850	1065-Lng-C-T	62	chr19:17049750-17049850
chr19	17283950	17284050	1152-Lng-A-T	110	chr19:17283950-17284050
chr19	17320250	17320350	901-Lng-C-T	32	chr19:17320250-17320350
chr19	17643150	17643250	1065-Lng-A-T	54	chr19:17643150-17643250
chr19	17672750	17672850	1090-Lng-A-T	88	chr19:17672750-17672850
chr19	17951850	17951950	1100-Lng-A-T	77	chr19:17951850-17951950
chr19	18112250	18112350	1100-Lng-A-T	114	chr19:18112250-18112350
chr19	18188550	18188650	1223-Lng-A-T	165	chr19:18188550-18188650
chr19	18460350	18460450	1223-Lng-B-T	36	chr19:18460350-18460450
chr19	18648750	18648850	1223-Lng-C-T	47	chr19:18648750-18648850
chr19	18669150	18669250	1152-Lng-A-T	38	chr19:18669150-18669250
chr19	18677150	18677250	901-Lng-A-T	72	chr19:18677150-18677250
chr19	18696650	18696750	1167-Lng-A-T	50	chr19:18696650-18696750
chr19	18760450	18760550	1223-Lng-C-T	47	chr19:18760450-18760550
chr19	18770050	18770150	1152-Lng-A-T	236	chr19:18770050-18770150
chr19	18822550	18822650	1090-Lng-A-T	79	chr19:18822550-18822650
chr19	18848250	18848350	901-Lng-C-T	67	chr19:18848250-18848350
chr19	18936250	18936350	1151-Lng-A-T	58	chr19:18936250-18936350
chr19	18944050	18944150	1004-Lng-A-T	100	chr19:18944050-18944150
chr19	18956250	18956350	1065-Lng-B-T	41	chr19:18956250-18956350
chr19	18965250	18965350	901-Lng-A-T	101	chr19:18965250-18965350
chr19	19028150	19028250	1274-Lng-A-T	75	chr19:19028150-19028250
chr19	19041650	19041750	1274-Lng-A-T	59	chr19:19041650-19041750
chr19	19057550	19057650	1223-Lng-B-T	90	chr19:19057550-19057650
chr19	19175050	19175150	1065-Lng-C-T	71	chr19:19175050-19175150
chr19	19271450	19271550	1065-Lng-B-T	260	chr19:19271450-19271550
chr19	19304450	19304550	1065-Lng-A-T	44	chr19:19304450-19304550
chr19	19580450	19580550	1065-Lng-C-T	90	chr19:19580450-19580550
chr19	19684950	19685050	901-Lng-A-T	92	chr19:19684950-19685050
chr19	19714250	19714350	1065-Lng-A-T	74	chr19:19714250-19714350

Table S2: SB Insertion regions

chr19	19837250	19837350	1065-Lng-B-T	53	chr19:19837250-19837350
chr19	20131950	20132050	1065-Lng-C-T	94	chr19:20131950-20132050
chr19	20167150	20167250	1223-Lng-B-T	37	chr19:20167150-20167250
chr19	20234550	20234650	1152-Lng-A-T	57	chr19:20234550-20234650
chr19	20242250	20242350	846-Lng-A-T	131	chr19:20242250-20242350
chr19	20448050	20448150	1065-Lng-A-T	79	chr19:20448050-20448150
chr19	20624150	20624250	901-Lng-C-T	85	chr19:20624150-20624250
chr19	20767550	20767650	1188-Lng-A-T	41	chr19:20767550-20767650
chr19	20771050	20771150	1065-Lng-A-T	56	chr19:20771050-20771150
chr19	20800850	20800950	1065-Lng-C-T	86	chr19:20800850-20800950
chr19	20802950	20803050	901-Lng-D-T	90	chr19:20802950-20803050
chr19	20897250	20897350	1065-Lng-C-T	141	chr19:20897250-20897350
chr19	21024350	21024450	1223-Lng-A-T	204	chr19:21024350-21024450
chr19	21098950	21099050	1065-Lng-A-T	71	chr19:21098950-21099050
chr19	21232750	21232850	1004-Lng-A-T	67	chr19:21232750-21232850
chr19	21350750	21350850	1151-Lng-A-T	54	chr19:21350750-21350850
chr19	21355550	21355650	1151-Lng-A-T	151	chr19:21355550-21355650
chr19	21453750	21453850	1072-Lng-A-T	73	chr19:21453750-21453850
chr19	21586950	21587050	1004-Lng-A-T	82	chr19:21586950-21587050
chr19	21670050	21670150	1072-Lng-A-T	52	chr19:21670050-21670150
chr19	21716750	21716850	901-Lng-C-T	73	chr19:21716750-21716850
chr19	21730350	21730450	1004-Lng-A-T	84	chr19:21730350-21730450
chr19	21736150	21736250	1065-Lng-A-T	134	chr19:21736150-21736250
chr19	21736150	21736250	1065-Lng-C-T	622	chr19:21736150-21736250
chr19	21737850	21737950	1065-Lng-B-T	51	chr19:21737850-21737950
chr19	21838950	21839050	846-Lng-A-T	77	chr19:21838950-21839050
chr19	21845850	21845950	901-Lng-A-T	175	chr19:21845850-21845950
chr19	22157550	22157650	901-Lng-B-T	318	chr19:22157550-22157650
chr19	22526550	22526650	1065-Lng-A-T	455	chr19:22526550-22526650
chr19	22548850	22548950	1223-Lng-C-T	53	chr19:22548850-22548950
chr19	22555450	22555550	1065-Lng-C-T	230	chr19:22555450-22555550
chr19	22768650	22768750	901-Lng-A-T	110	chr19:22768650-22768750
chr19	22822750	22822850	1065-Lng-A-T	88	chr19:22822750-22822850
chr19	23005050	23005150	1188-Lng-A-T	34	chr19:23005050-23005150
chr19	23065450	23065550	901-Lng-D-T	317	chr19:23065450-23065550
chr19	23101650	23101750	1072-Lng-A-T	97	chr19:23101650-23101750
chr19	23131050	23131150	1072-Lng-A-T	77	chr19:23131050-23131150
chr19	23136750	23136850	1065-Lng-C-T	92	chr19:23136750-23136850
chr19	23179850	23179950	1188-Lng-A-T	35	chr19:23179850-23179950
chr19	23228750	23228850	901-Lng-B-T	102	chr19:23228750-23228850
chr19	23280250	23280350	1151-Lng-A-T	242	chr19:23280250-23280350
chr19	23320950	23321050	1223-Lng-D-T	44	chr19:23320950-23321050
chr19	23445350	23445450	1223-Lng-A-T	121	chr19:23445350-23445450
chr19	23469650	23469750	1090-Lng-B-T	415	chr19:23469650-23469750
chr19	23482350	23482450	1090-Lng-A-T	373	chr19:23482350-23482450
chr19	23640650	23640750	901-Lng-A-T	67	chr19:23640650-23640750

Table S2: SB Insertion regions

chr19	23640750	23640850	1223-Lng-C-T	84	chr19:23640750-23640850
chr19	23803950	23804050	901-Lng-A-T	56	chr19:23803950-23804050
chr19	23845150	23845250	1223-Lng-C-T	73	chr19:23845150-23845250
chr19	23889250	23889350	901-Lng-A-T	85	chr19:23889250-23889350
chr19	24002450	24002550	1152-Lng-A-T	206	chr19:24002450-24002550
chr19	24039950	24040050	901-Lng-B-T	55	chr19:24039950-24040050
chr19	24177250	24177350	1223-Lng-A-T	158	chr19:24177250-24177350
chr19	24182050	24182150	1167-Lng-A-T	52	chr19:24182050-24182150
chr19	24183850	24183950	1065-Lng-A-T	42	chr19:24183850-24183950
chr19	24215850	24215950	1274-Lng-A-T	240	chr19:24215850-24215950
chr19	24332450	24332550	1065-Lng-C-T	1081	chr19:24332450-24332550
chr19	24429150	24429250	1090-Lng-A-T	121	chr19:24429150-24429250
chr19	24439850	24439950	1065-Lng-B-T	73	chr19:24439850-24439950
chr19	24469250	24469350	1004-Lng-A-T	72	chr19:24469250-24469350
chr19	24522250	24522350	901-Lng-C-T	70	chr19:24522250-24522350
chr19	24589750	24589850	1090-Lng-B-T	184	chr19:24589750-24589850
chr19	24603550	24603650	1274-Lng-A-T	90	chr19:24603550-24603650
chr19	24621450	24621550	1065-Lng-B-T	40	chr19:24621450-24621550
chr19	24649250	24649350	1004-Lng-A-T	115	chr19:24649250-24649350
chr19	24659950	24660050	1223-Lng-C-T	103	chr19:24659950-24660050
chr19	24795650	24795750	901-Lng-B-T	241	chr19:24795650-24795750
chr19	24894950	24895050	1223-Lng-C-T	468	chr19:24894950-24895050
chr19	24920250	24920350	1223-Lng-C-T	85	chr19:24920250-24920350
chr19	25015950	25016050	901-Lng-A-T	59	chr19:25015950-25016050
chr19	25025050	25025150	1065-Lng-C-T	116	chr19:25025050-25025150
chr19	25098850	25098950	1065-Lng-A-T	54	chr19:25098850-25098950
chr19	25105150	25105250	1151-Lng-A-T	132	chr19:25105150-25105250
chr19	25110150	25110250	1223-Lng-D-T	44	chr19:25110150-25110250
chr19	25185050	25185150	1223-Lng-C-T	45	chr19:25185050-25185150
chr19	25244650	25244750	846-Lng-A-T	125	chr19:25244650-25244750
chr19	25326750	25326850	1274-Lng-A-T	62	chr19:25326750-25326850
chr19	25690950	25691050	1065-Lng-A-T	56	chr19:25690950-25691050
chr19	25718750	25718850	901-Lng-A-T	175	chr19:25718750-25718850
chr19	25867050	25867150	846-Lng-A-T	80	chr19:25867050-25867150
chr19	26287950	26288050	1065-Lng-B-T	80	chr19:26287950-26288050
chr19	26494650	26494750	1065-Lng-B-T	97	chr19:26494650-26494750
chr19	26592750	26592850	1065-Lng-A-T	112	chr19:26592750-26592850
chr19	26693950	26694050	1167-Lng-A-T	62	chr19:26693950-26694050
chr19	26939850	26939950	1065-Lng-A-T	36	chr19:26939850-26939950
chr19	27002950	27003050	1223-Lng-A-T	124	chr19:27002950-27003050
chr19	27249050	27249150	1065-Lng-C-T	72	chr19:27249050-27249150
chr19	27301550	27301650	1065-Lng-C-T	551	chr19:27301550-27301650
chr19	27322050	27322150	1223-Lng-A-T	121	chr19:27322050-27322150
chr19	27525150	27525250	1090-Lng-A-T	63	chr19:27525150-27525250
chr19	27577450	27577550	1167-Lng-A-T	46	chr19:27577450-27577550
chr19	27688550	27688650	1223-Lng-D-T	295	chr19:27688550-27688650

Table S2: SB Insertion regions

chr19	27919650	27919750	1223-Lng-C-T	58	chr19:27919650-27919750
chr19	27928750	27928850	901-Lng-A-T	79	chr19:27928750-27928850
chr19	27988450	27988550	1090-Lng-B-T	195	chr19:27988450-27988550
chr19	28277250	28277350	1223-Lng-C-T	54	chr19:28277250-28277350
chr19	28309250	28309350	1100-Lng-A-T	175	chr19:28309250-28309350
chr19	28475050	28475150	1004-Lng-A-T	51	chr19:28475050-28475150
chr19	28599550	28599650	1223-Lng-D-T	170	chr19:28599550-28599650
chr19	28730650	28730750	901-Lng-A-T	56	chr19:28730650-28730750
chr19	29002450	29002550	1072-Lng-A-T	52	chr19:29002450-29002550
chr19	29041050	29041150	1065-Lng-C-T	64	chr19:29041050-29041150
chr19	29070650	29070750	1274-Lng-A-T	124	chr19:29070650-29070750
chr19	29111550	29111650	1152-Lng-A-T	65	chr19:29111550-29111650
chr19	29228750	29228850	1100-Lng-A-T	69	chr19:29228750-29228850
chr19	29332950	29333050	1100-Lng-A-T	85	chr19:29332950-29333050
chr19	29384150	29384250	1090-Lng-A-T	91	chr19:29384150-29384250
chr19	29514050	29514150	901-Lng-A-T	51	chr19:29514050-29514150
chr19	29604650	29604750	1188-Lng-A-T	47	chr19:29604650-29604750
chr19	29614550	29614650	1223-Lng-B-T	124	chr19:29614550-29614650
chr19	29633950	29634050	1223-Lng-A-T	1887	chr19:29633950-29634050
chr19	29651250	29651350	901-Lng-D-T	65	chr19:29651250-29651350
chr19	29719350	29719450	1152-Lng-A-T	35	chr19:29719350-29719450
chr19	29804550	29804650	1072-Lng-A-T	57	chr19:29804550-29804650
chr19	29820550	29820650	1100-Lng-A-T	259	chr19:29820550-29820650
chr19	29951450	29951550	1065-Lng-C-T	2168	chr19:29951450-29951550
chr19	29951450	29951550	1065-Lng-A-T	351	chr19:29951450-29951550
chr19	30010150	30010250	1274-Lng-A-T	115	chr19:30010150-30010250
chr19	30017550	30017650	1004-Lng-A-T	123	chr19:30017550-30017650
chr19	30037850	30037950	1223-Lng-D-T	91	chr19:30037850-30037950
chr19	30048950	30049050	1072-Lng-A-T	192	chr19:30048950-30049050
chr19	30123650	30123750	901-Lng-B-T	52	chr19:30123650-30123750
chr19	30127150	30127250	1223-Lng-B-T	35	chr19:30127150-30127250
chr19	30133950	30134050	901-Lng-C-T	35	chr19:30133950-30134050
chr19	30181650	30181750	1152-Lng-A-T	40	chr19:30181650-30181750
chr19	30307050	30307150	1090-Lng-A-T	84	chr19:30307050-30307150
chr19	30345950	30346050	1223-Lng-C-T	48	chr19:30345950-30346050
chr19	30461450	30461550	1223-Lng-B-T	88	chr19:30461450-30461550
chr19	30676750	30676850	1223-Lng-A-T	1391	chr19:30676750-30676850
chr19	30962850	30962950	1065-Lng-C-T	71	chr19:30962850-30962950
chr19	30966650	30966750	1152-Lng-A-T	108	chr19:30966650-30966750
chr19	31247350	31247450	1152-Lng-A-T	100	chr19:31247350-31247450
chr19	31295550	31295650	1004-Lng-A-T	60	chr19:31295550-31295650
chr19	31464550	31464650	1072-Lng-A-T	92	chr19:31464550-31464650
chr19	31700550	31700650	1223-Lng-B-T	111	chr19:31700550-31700650
chr19	32142250	32142350	1274-Lng-A-T	284	chr19:32142250-32142350
chr19	32143750	32143850	1100-Lng-B-T	322	chr19:32143750-32143850
chr19	32171650	32171750	901-Lng-A-T	57	chr19:32171650-32171750

Table S2: SB Insertion regions

chr19	32195450	32195550	1065-Lng-B-T	129	chr19:32195450-32195550
chr19	32221350	32221450	1223-Lng-D-T	83	chr19:32221350-32221450
chr19	32347250	32347350	1065-Lng-B-T	41	chr19:32347250-32347350
chr19	32427950	32428050	901-Lng-A-T	144	chr19:32427950-32428050
chr19	32481950	32482050	1274-Lng-A-T	58	chr19:32481950-32482050
chr19	32501150	32501250	1223-Lng-C-T	56	chr19:32501150-32501250
chr19	32607050	32607150	1223-Lng-A-T	92	chr19:32607050-32607150
chr19	32754550	32754650	1100-Lng-B-T	50	chr19:32754550-32754650
chr19	32763150	32763250	1090-Lng-A-T	55	chr19:32763150-32763250
chr19	32784450	32784550	1004-Lng-A-T	86	chr19:32784450-32784550
chr19	32837250	32837350	1223-Lng-B-T	75	chr19:32837250-32837350
chr19	32839350	32839450	901-Lng-A-T	202	chr19:32839350-32839450
chr19	32864050	32864150	1065-Lng-B-T	315	chr19:32864050-32864150
chr19	32902450	32902550	901-Lng-C-T	51	chr19:32902450-32902550
chr19	33078950	33079050	1072-Lng-A-T	59	chr19:33078950-33079050
chr19	33103350	33103450	1152-Lng-A-T	32	chr19:33103350-33103450
chr19	33108550	33108650	1151-Lng-A-T	249	chr19:33108550-33108650
chr19	33148250	33148350	1223-Lng-A-T	161	chr19:33148250-33148350
chr19	33160950	33161050	1188-Lng-A-T	135	chr19:33160950-33161050
chr19	33322350	33322450	1152-Lng-A-T	372	chr19:33322350-33322450
chr19	33439250	33439350	1223-Lng-D-T	45	chr19:33439250-33439350
chr19	33443250	33443350	1072-Lng-A-T	50	chr19:33443250-33443350
chr19	33641550	33641650	1152-Lng-A-T	46	chr19:33641550-33641650
chr19	33855550	33855650	1065-Lng-C-T	65	chr19:33855550-33855650
chr19	34133950	34134050	1065-Lng-C-T	71	chr19:34133950-34134050
chr19	34269450	34269550	1100-Lng-A-T	52	chr19:34269450-34269550
chr19	34274850	34274950	1274-Lng-A-T	71	chr19:34274850-34274950
chr19	34295550	34295650	901-Lng-A-T	83	chr19:34295550-34295650
chr19	34313250	34313350	1090-Lng-A-T	56	chr19:34313250-34313350
chr19	34353550	34353650	901-Lng-D-T	708	chr19:34353550-34353650
chr19	34380150	34380250	1223-Lng-D-T	45	chr19:34380150-34380250
chr19	34424550	34424650	1004-Lng-A-T	359	chr19:34424550-34424650
chr19	34661150	34661250	1152-Lng-A-T	76	chr19:34661150-34661250
chr19	34826450	34826550	1090-Lng-A-T	133	chr19:34826450-34826550
chr19	35003150	35003250	901-Lng-D-T	289	chr19:35003150-35003250
chr19	35366250	35366350	1090-Lng-A-T	62	chr19:35366250-35366350
chr19	35424250	35424350	1223-Lng-D-T	54	chr19:35424250-35424350
chr19	35617350	35617450	1152-Lng-A-T	51	chr19:35617350-35617450
chr19	35693050	35693150	1004-Lng-A-T	74	chr19:35693050-35693150
chr19	35696750	35696850	1090-Lng-A-T	83	chr19:35696750-35696850
chr19	35805750	35805850	1065-Lng-C-T	106	chr19:35805750-35805850
chr19	36026050	36026150	1065-Lng-A-T	125	chr19:36026050-36026150
chr19	36559650	36559750	1004-Lng-A-T	59	chr19:36559650-36559750
chr19	36950550	36950650	1065-Lng-B-T	57	chr19:36950550-36950650
chr19	36973950	36974050	901-Lng-B-T	149	chr19:36973950-36974050
chr19	37043750	37043850	1223-Lng-A-T	376	chr19:37043750-37043850

Table S2: SB Insertion regions

chr19	37065750	37065850	1167-Lng-A-T	107	chr19:37065750-37065850
chr19	37111750	37111850	1223-Lng-C-T	62	chr19:37111750-37111850
chr19	37119350	37119450	1100-Lng-A-T	160	chr19:37119350-37119450
chr19	37139950	37140050	1100-Lng-A-T	109	chr19:37139950-37140050
chr19	37168050	37168150	1004-Lng-A-T	421	chr19:37168050-37168150
chr19	37233650	37233750	1100-Lng-A-T	51	chr19:37233650-37233750
chr19	37274850	37274950	1151-Lng-A-T	103	chr19:37274850-37274950
chr19	37348050	37348150	1065-Lng-B-T	566	chr19:37348050-37348150
chr19	37358450	37358550	1072-Lng-A-T	148	chr19:37358450-37358550
chr19	37361750	37361850	1065-Lng-A-T	57	chr19:37361750-37361850
chr19	37407950	37408050	1065-Lng-C-T	193	chr19:37407950-37408050
chr19	37420350	37420450	1223-Lng-C-T	51	chr19:37420350-37420450
chr19	37482450	37482550	1065-Lng-B-T	102	chr19:37482450-37482550
chr19	37573750	37573850	1274-Lng-A-T	90	chr19:37573750-37573850
chr19	37612350	37612450	901-Lng-C-T	68	chr19:37612350-37612450
chr19	37629650	37629750	1167-Lng-A-T	93	chr19:37629650-37629750
chr19	37681350	37681450	1065-Lng-A-T	38	chr19:37681350-37681450
chr19	37701950	37702050	1065-Lng-A-T	54	chr19:37701950-37702050
chr19	37706850	37706950	1223-Lng-B-T	109	chr19:37706850-37706950
chr19	37730050	37730150	1223-Lng-C-T	51	chr19:37730050-37730150
chr19	37894750	37894850	901-Lng-B-T	46	chr19:37894750-37894850
chr19	37914950	37915050	901-Lng-B-T	92	chr19:37914950-37915050
chr19	38013650	38013750	1188-Lng-A-T	35	chr19:38013650-38013750
chr19	38019150	38019250	1274-Lng-A-T	83	chr19:38019150-38019250
chr19	38025650	38025750	1065-Lng-C-T	62	chr19:38025650-38025750
chr19	38063250	38063350	901-Lng-D-T	484	chr19:38063250-38063350
chr19	38112750	38112850	1090-Lng-B-T	78	chr19:38112750-38112850
chr19	38228250	38228350	901-Lng-C-T	32	chr19:38228250-38228350
chr19	38274650	38274750	1065-Lng-C-T	175	chr19:38274650-38274750
chr19	38279350	38279450	1223-Lng-D-T	44	chr19:38279350-38279450
chr19	38506450	38506550	1090-Lng-A-T	59	chr19:38506450-38506550
chr19	38561450	38561550	1090-Lng-B-T	733	chr19:38561450-38561550
chr19	38701550	38701650	846-Lng-A-T	58	chr19:38701550-38701650
chr19	38709150	38709250	846-Lng-A-T	84	chr19:38709150-38709250
chr19	38716450	38716550	1065-Lng-C-T	94	chr19:38716450-38716550
chr19	38817450	38817550	1090-Lng-A-T	87	chr19:38817450-38817550
chr19	38950750	38950850	901-Lng-C-T	163	chr19:38950750-38950850
chr19	38969550	38969650	1223-Lng-D-T	41	chr19:38969550-38969650
chr19	38995250	38995350	1167-Lng-A-T	52	chr19:38995250-38995350
chr19	39249450	39249550	1004-Lng-A-T	61	chr19:39249450-39249550
chr19	39263850	39263950	1274-Lng-A-T	68	chr19:39263850-39263950
chr19	39286650	39286750	1223-Lng-B-T	53	chr19:39286650-39286750
chr19	39537150	39537250	846-Lng-A-T	106	chr19:39537150-39537250
chr19	39602050	39602150	901-Lng-A-T	567	chr19:39602050-39602150
chr19	39638150	39638250	901-Lng-D-T	229	chr19:39638150-39638250
chr19	39971450	39971550	1072-Lng-A-T	53	chr19:39971450-39971550

Table S2: SB Insertion regions

chr19	39986650	39986750	1065-Lng-A-T	86	chr19:39986650-39986750
chr19	40412950	40413050	901-Lng-D-T	380	chr19:40412950-40413050
chr19	40457150	40457250	1065-Lng-B-T	45	chr19:40457150-40457250
chr19	40506750	40506850	901-Lng-B-T	53	chr19:40506750-40506850
chr19	40716650	40716750	1090-Lng-B-T	881	chr19:40716650-40716750
chr19	40807050	40807150	901-Lng-A-T	347	chr19:40807050-40807150
chr19	40808850	40808950	901-Lng-B-T	93	chr19:40808850-40808950
chr19	40892250	40892350	846-Lng-A-T	147	chr19:40892250-40892350
chr19	40983450	40983550	1004-Lng-A-T	68	chr19:40983450-40983550
chr19	40984750	40984850	1223-Lng-C-T	72	chr19:40984750-40984850
chr19	41285650	41285750	1223-Lng-D-T	89	chr19:41285650-41285750
chr19	41323250	41323350	1223-Lng-D-T	54	chr19:41323250-41323350
chr19	41326450	41326550	1100-Lng-A-T	137	chr19:41326450-41326550
chr19	41329950	41330050	1100-Lng-A-T	51	chr19:41329950-41330050
chr19	41336550	41336650	1090-Lng-B-T	1270	chr19:41336550-41336650
chr19	41460050	41460150	901-Lng-B-T	145	chr19:41460050-41460150
chr19	41476950	41477050	1090-Lng-A-T	73	chr19:41476950-41477050
chr19	41512550	41512650	1223-Lng-C-T	61	chr19:41512550-41512650
chr19	41577350	41577450	846-Lng-A-T	152	chr19:41577350-41577450
chr19	41581250	41581350	1223-Lng-A-T	136	chr19:41581250-41581350
chr19	41607650	41607750	901-Lng-C-T	41	chr19:41607650-41607750
chr19	41628250	41628350	1223-Lng-D-T	41	chr19:41628250-41628350
chr19	42013650	42013750	1152-Lng-A-T	69	chr19:42013650-42013750
chr19	42046850	42046950	1188-Lng-A-T	145	chr19:42046850-42046950
chr19	42052650	42052750	1167-Lng-A-T	157	chr19:42052650-42052750
chr19	42124750	42124850	901-Lng-B-T	82	chr19:42124750-42124850
chr19	42174450	42174550	901-Lng-A-T	50	chr19:42174450-42174550
chr19	42607450	42607550	1090-Lng-A-T	435	chr19:42607450-42607550
chr19	42610650	42610750	1188-Lng-A-T	250	chr19:42610650-42610750
chr19	42644250	42644350	846-Lng-A-T	79	chr19:42644250-42644350
chr19	42848650	42848750	1223-Lng-A-T	89	chr19:42848650-42848750
chr19	42931350	42931450	1223-Lng-B-T	78	chr19:42931350-42931450
chr19	42976750	42976850	1004-Lng-A-T	70	chr19:42976750-42976850
chr19	43058450	43058550	1004-Lng-A-T	61	chr19:43058450-43058550
chr19	43374050	43374150	901-Lng-B-T	50	chr19:43374050-43374150
chr19	43502750	43502850	1065-Lng-C-T	72	chr19:43502750-43502850
chr19	43927050	43927150	1274-Lng-A-T	85	chr19:43927050-43927150
chr19	44000450	44000550	1065-Lng-B-T	44	chr19:44000450-44000550
chr19	44013550	44013650	901-Lng-B-T	51	chr19:44013550-44013650
chr19	44076850	44076950	1100-Lng-A-T	76	chr19:44076850-44076950
chr19	44136250	44136350	1274-Lng-A-T	76	chr19:44136250-44136350
chr19	44203950	44204050	901-Lng-C-T	40	chr19:44203950-44204050
chr19	44383250	44383350	1188-Lng-A-T	51	chr19:44383250-44383350
chr19	45007650	45007750	1223-Lng-A-T	225	chr19:45007650-45007750
chr19	45011850	45011950	1065-Lng-B-T	43	chr19:45011850-45011950
chr19	45044150	45044250	1151-Lng-A-T	343	chr19:45044150-45044250

Table S2: SB Insertion regions

chr19	45054150	45054250	1188-Lng-A-T	252	chr19:45054150-45054250
chr19	45486450	45486550	1100-Lng-A-T	83	chr19:45486450-45486550
chr19	45594650	45594750	901-Lng-A-T	59	chr19:45594650-45594750
chr19	45668250	45668350	1274-Lng-A-T	59	chr19:45668250-45668350
chr19	45725450	45725550	1065-Lng-A-T	47	chr19:45725450-45725550
chr19	45727950	45728050	1100-Lng-A-T	68	chr19:45727950-45728050
chr19	45766350	45766450	901-Lng-A-T	53	chr19:45766350-45766450
chr19	45828950	45829050	1090-Lng-A-T	64	chr19:45828950-45829050
chr19	45846950	45847050	1167-Lng-A-T	111	chr19:45846950-45847050
chr19	45853350	45853450	1223-Lng-A-T	62	chr19:45853350-45853450
chr19	46072350	46072450	1072-Lng-A-T	196	chr19:46072350-46072450
chr19	46087450	46087550	1072-Lng-A-T	119	chr19:46087450-46087550
chr19	46262250	46262350	1065-Lng-C-T	83	chr19:46262250-46262350
chr19	46298450	46298550	901-Lng-D-T	58	chr19:46298450-46298550
chr19	46315650	46315750	901-Lng-D-T	60	chr19:46315650-46315750
chr19	46422650	46422750	1223-Lng-C-T	55	chr19:46422650-46422750
chr19	46464150	46464250	1100-Lng-A-T	119	chr19:46464150-46464250
chr19	46477350	46477450	1274-Lng-A-T	79	chr19:46477350-46477450
chr19	46586250	46586350	1100-Lng-A-T	65	chr19:46586250-46586350
chr19	46689650	46689750	901-Lng-B-T	162	chr19:46689650-46689750
chr19	46712950	46713050	1223-Lng-A-T	112	chr19:46712950-46713050
chr19	46747750	46747850	1100-Lng-A-T	156	chr19:46747750-46747850
chr19	46851750	46851850	1072-Lng-A-T	145	chr19:46851750-46851850
chr19	46853150	46853250	1004-Lng-A-T	50	chr19:46853150-46853250
chr19	46855650	46855750	901-Lng-D-T	146	chr19:46855650-46855750
chr19	46863350	46863450	1065-Lng-C-T	71	chr19:46863350-46863450
chr19	46886350	46886450	1065-Lng-B-T	55	chr19:46886350-46886450
chr19	46962250	46962350	1151-Lng-A-T	69	chr19:46962250-46962350
chr19	47004950	47005050	1274-Lng-A-T	145	chr19:47004950-47005050
chr19	47008150	47008250	1100-Lng-A-T	120	chr19:47008150-47008250
chr19	47029150	47029250	1090-Lng-A-T	267	chr19:47029150-47029250
chr19	47158050	47158150	1100-Lng-A-T	145	chr19:47158050-47158150
chr19	47249050	47249150	1090-Lng-A-T	124	chr19:47249050-47249150
chr19	47397250	47397350	1065-Lng-B-T	44	chr19:47397250-47397350
chr19	47480950	47481050	1151-Lng-A-T	294	chr19:47480950-47481050
chr19	47535550	47535650	1065-Lng-B-T	46	chr19:47535550-47535650
chr19	47658450	47658550	1274-Lng-A-T	93	chr19:47658450-47658550
chr19	47741950	47742050	1188-Lng-A-T	40	chr19:47741950-47742050
chr19	47764250	47764350	1223-Lng-D-T	42	chr19:47764250-47764350
chr19	48203850	48203950	1065-Lng-C-T	370	chr19:48203850-48203950
chr19	48241550	48241650	846-Lng-A-T	44	chr19:48241550-48241650
chr19	48268250	48268350	1065-Lng-C-T	76	chr19:48268250-48268350
chr19	48324950	48325050	1090-Lng-B-T	876	chr19:48324950-48325050
chr19	48458650	48458750	1223-Lng-C-T	99	chr19:48458650-48458750
chr19	48898150	48898250	1223-Lng-B-T	67	chr19:48898150-48898250
chr19	48910750	48910850	1090-Lng-A-T	66	chr19:48910750-48910850

Table S2: SB Insertion regions

chr19	49306150	49306250	1065-Lng-A-T	49	chr19:49306150-49306250
chr19	49501850	49501950	1274-Lng-A-T	50	chr19:49501850-49501950
chr19	49777050	49777150	1090-Lng-A-T	45	chr19:49777050-49777150
chr19	49837450	49837550	1223-Lng-D-T	46	chr19:49837450-49837550
chr19	49849050	49849150	1065-Lng-C-T	67	chr19:49849050-49849150
chr19	49865650	49865750	901-Lng-C-T	72	chr19:49865650-49865750
chr19	49915250	49915350	1065-Lng-C-T	86	chr19:49915250-49915350
chr19	50314250	50314350	1065-Lng-C-T	98	chr19:50314250-50314350
chr19	50379050	50379150	1100-Lng-A-T	92	chr19:50379050-50379150
chr19	50836350	50836450	1065-Lng-A-T	49	chr19:50836350-50836450
chr19	50911950	50912050	1151-Lng-A-T	55	chr19:50911950-50912050
chr19	51031050	51031150	1065-Lng-A-T	45	chr19:51031050-51031150
chr19	51032750	51032850	1090-Lng-A-T	529	chr19:51032750-51032850
chr19	51192350	51192450	1167-Lng-A-T	78	chr19:51192350-51192450
chr19	51385850	51385950	901-Lng-B-T	244	chr19:51385850-51385950
chr19	51434250	51434350	1152-Lng-A-T	44	chr19:51434250-51434350
chr19	51456250	51456350	1072-Lng-A-T	87	chr19:51456250-51456350
chr19	51486050	51486150	1065-Lng-C-T	202	chr19:51486050-51486150
chr19	51615450	51615550	1223-Lng-A-T	174	chr19:51615450-51615550
chr19	51825250	51825350	901-Lng-D-T	207	chr19:51825250-51825350
chr19	52001150	52001250	1152-Lng-A-T	118	chr19:52001150-52001250
chr19	52032250	52032350	1223-Lng-C-T	58	chr19:52032250-52032350
chr19	52184650	52184750	1223-Lng-A-T	54	chr19:52184650-52184750
chr19	52527950	52528050	1223-Lng-B-T	413	chr19:52527950-52528050
chr19	52570350	52570450	901-Lng-C-T	83	chr19:52570350-52570450
chr19	52677150	52677250	901-Lng-D-T	106	chr19:52677150-52677250
chr19	53081250	53081350	1167-Lng-A-T	140	chr19:53081250-53081350
chr19	53081450	53081550	901-Lng-A-T	61	chr19:53081450-53081550
chr19	53119950	53120050	901-Lng-A-T	66	chr19:53119950-53120050
chr19	53151250	53151350	1151-Lng-A-T	65	chr19:53151250-53151350
chr19	53210250	53210350	846-Lng-A-T	110	chr19:53210250-53210350
chr19	53212950	53213050	1065-Lng-C-T	1083	chr19:53212950-53213050
chr19	53220250	53220350	1223-Lng-C-T	46	chr19:53220250-53220350
chr19	53229250	53229350	1065-Lng-B-T	48	chr19:53229250-53229350
chr19	53276250	53276350	1090-Lng-A-T	185	chr19:53276250-53276350
chr19	53284250	53284350	1090-Lng-A-T	95	chr19:53284250-53284350
chr19	53344050	53344150	1151-Lng-A-T	298	chr19:53344050-53344150
chr19	53606650	53606750	1188-Lng-A-T	84	chr19:53606650-53606750
chr19	53962450	53962550	1090-Lng-A-T	44	chr19:53962450-53962550
chr19	53980850	53980950	1065-Lng-B-T	52	chr19:53980850-53980950
chr19	54062650	54062750	901-Lng-C-T	30	chr19:54062650-54062750
chr19	54062950	54063050	901-Lng-D-T	42	chr19:54062950-54063050
chr19	54082050	54082150	1065-Lng-C-T	73	chr19:54082050-54082150
chr19	54095950	54096050	901-Lng-C-T	103	chr19:54095950-54096050
chr19	54621550	54621650	901-Lng-A-T	52	chr19:54621550-54621650
chr19	54663750	54663850	1065-Lng-A-T	50	chr19:54663750-54663850

Table S2: SB Insertion regions

chr19	55185550	55185650	1188-Lng-A-T	40	chr19:55185550-55185650
chr19	55307350	55307450	1223-Lng-D-T	319	chr19:55307350-55307450
chr19	55340950	55341050	901-Lng-A-T	95	chr19:55340950-55341050
chr19	55379250	55379350	901-Lng-B-T	41	chr19:55379250-55379350
chr19	55423250	55423350	1223-Lng-B-T	129	chr19:55423250-55423350
chr19	55432850	55432950	1072-Lng-A-T	134	chr19:55432850-55432950
chr19	55467750	55467850	1065-Lng-C-T	145	chr19:55467750-55467850
chr19	55483450	55483550	1090-Lng-A-T	73	chr19:55483450-55483550
chr19	55557850	55557950	901-Lng-C-T	53	chr19:55557850-55557950
chr19	55570450	55570550	1167-Lng-A-T	115	chr19:55570450-55570550
chr19	55585250	55585350	1065-Lng-C-T	112	chr19:55585250-55585350
chr19	55642350	55642450	1223-Lng-A-T	2214	chr19:55642350-55642450
chr19	55657250	55657350	1065-Lng-B-T	43	chr19:55657250-55657350
chr19	55712550	55712650	1167-Lng-A-T	49	chr19:55712550-55712650
chr19	55787650	55787750	1065-Lng-A-T	69	chr19:55787650-55787750
chr19	55810550	55810650	1188-Lng-A-T	1518	chr19:55810550-55810650
chr19	55844150	55844250	1188-Lng-A-T	39	chr19:55844150-55844250
chr19	55910450	55910550	1223-Lng-C-T	76	chr19:55910450-55910550
chr19	55917450	55917550	846-Lng-A-T	188	chr19:55917450-55917550
chr19	55930450	55930550	1152-Lng-A-T	39	chr19:55930450-55930550
chr19	56378350	56378450	901-Lng-C-T	75	chr19:56378350-56378450
chr19	56494050	56494150	901-Lng-B-T	50	chr19:56494050-56494150
chr19	56495350	56495450	1065-Lng-A-T	66	chr19:56495350-56495450
chr19	56633750	56633850	901-Lng-C-T	115	chr19:56633750-56633850
chr19	56694550	56694650	901-Lng-B-T	92	chr19:56694550-56694650
chr19	56696650	56696750	1188-Lng-A-T	326	chr19:56696650-56696750
chr19	56869650	56869750	1100-Lng-B-T	54	chr19:56869650-56869750
chr19	56869850	56869950	1090-Lng-A-T	52	chr19:56869850-56869950
chr19	56883250	56883350	1188-Lng-A-T	35	chr19:56883250-56883350
chr19	57047250	57047350	1065-Lng-A-T	37	chr19:57047250-57047350
chr19	57130250	57130350	1223-Lng-B-T	45	chr19:57130250-57130350
chr19	57165750	57165850	901-Lng-C-T	49	chr19:57165750-57165850
chr19	57329050	57329150	1065-Lng-A-T	62	chr19:57329050-57329150
chr19	57386950	57387050	1223-Lng-C-T	48	chr19:57386950-57387050
chr19	57465750	57465850	1274-Lng-A-T	55	chr19:57465750-57465850
chr19	57515750	57515850	901-Lng-B-T	355	chr19:57515750-57515850
chr19	57764950	57765050	1072-Lng-A-T	124	chr19:57764950-57765050
chr19	57766350	57766450	1072-Lng-A-T	190	chr19:57766350-57766450
chr19	57891050	57891150	1223-Lng-B-T	259	chr19:57891050-57891150
chr19	58014250	58014350	1065-Lng-A-T	40	chr19:58014250-58014350
chr19	58017750	58017850	1100-Lng-A-T	54	chr19:58017750-58017850
chr19	58116550	58116650	1065-Lng-C-T	67	chr19:58116550-58116650
chr19	58133750	58133850	1065-Lng-A-T	40	chr19:58133750-58133850
chr19	58202750	58202850	1223-Lng-A-T	58	chr19:58202750-58202850
chr19	58308850	58308950	1223-Lng-B-T	89	chr19:58308850-58308950
chr19	58606450	58606550	1072-Lng-A-T	131	chr19:58606450-58606550

Table S2: SB Insertion regions

chr19	58685250	58685350	1223-Lng-A-T	52	chr19:58685250-58685350
chr19	58779650	58779750	1274-Lng-A-T	249	chr19:58779650-58779750
chr19	58954550	58954650	1223-Lng-C-T	49	chr19:58954550-58954650
chr19	59063750	59063850	1065-Lng-C-T	85	chr19:59063750-59063850
chr19	59121950	59122050	1065-Lng-B-T	64	chr19:59121950-59122050
chr19	59164950	59165050	1274-Lng-A-T	154	chr19:59164950-59165050
chr19	59208250	59208350	1065-Lng-C-T	61	chr19:59208250-59208350
chr19	59219950	59220050	1090-Lng-B-T	690	chr19:59219950-59220050
chr19	59389350	59389450	1152-Lng-A-T	53	chr19:59389350-59389450
chr19	59551150	59551250	1004-Lng-A-T	68	chr19:59551150-59551250
chr19	59552150	59552250	901-Lng-A-T	51	chr19:59552150-59552250
chr19	59614550	59614650	1152-Lng-A-T	108	chr19:59614550-59614650
chr19	59637650	59637750	1223-Lng-D-T	40	chr19:59637650-59637750
chr19	59988950	59989050	1152-Lng-A-T	132	chr19:59988950-59989050
chr19	60291950	60292050	1274-Lng-A-T	114	chr19:60291950-60292050
chr19	60297850	60297950	1090-Lng-A-T	98	chr19:60297850-60297950
chr19	60322950	60323050	1100-Lng-B-T	84	chr19:60322950-60323050
chr19	60333850	60333950	1072-Lng-A-T	57	chr19:60333850-60333950
chr19	60359450	60359550	1223-Lng-B-T	74	chr19:60359450-60359550
chr19	60606250	60606350	1274-Lng-A-T	74	chr19:60606250-60606350
chr19	60611950	60612050	1152-Lng-A-T	100	chr19:60611950-60612050
chr19	60612750	60612850	846-Lng-A-T	136	chr19:60612750-60612850
chr19	60635650	60635750	901-Lng-A-T	84	chr19:60635650-60635750
chr19	60636550	60636650	846-Lng-A-T	654	chr19:60636550-60636650
chr19	60638050	60638150	1090-Lng-B-T	262	chr19:60638050-60638150
chr19	60650250	60650350	1223-Lng-D-T	58	chr19:60650250-60650350
chr19	60655250	60655350	1072-Lng-A-T	170	chr19:60655250-60655350
chr19	60834050	60834150	1100-Lng-A-T	62	chr19:60834050-60834150
chr19	60835750	60835850	1274-Lng-A-T	148	chr19:60835750-60835850
chr19	60835950	60836050	1188-Lng-A-T	189	chr19:60835950-60836050
chr19	60844950	60845050	1188-Lng-A-T	120	chr19:60844950-60845050
chr19	60846050	60846150	901-Lng-D-T	409	chr19:60846050-60846150
chr19	60864850	60864950	1004-Lng-A-T	966	chr19:60864850-60864950
chr19	60997450	60997550	1065-Lng-C-T	139	chr19:60997450-60997550
chr19	61020450	61020550	1223-Lng-B-T	377	chr19:61020450-61020550
chr19	61059950	61060050	1072-Lng-A-T	137	chr19:61059950-61060050
chr19	61103450	61103550	1100-Lng-A-T	87	chr19:61103450-61103550
chr2	3040150	3040250	1188-Lng-A-T	59	chr2:3040150-3040250
chr2	3080150	3080250	901-Lng-B-T	77	chr2:3080150-3080250
chr2	3126650	3126750	901-Lng-A-T	57	chr2:3126650-3126750
chr2	3206650	3206750	1167-Lng-A-T	61	chr2:3206650-3206750
chr2	3207250	3207350	1065-Lng-B-T	56	chr2:3207250-3207350
chr2	3211150	3211250	901-Lng-B-T	435	chr2:3211150-3211250
chr2	3373450	3373550	1100-Lng-A-T	57	chr2:3373450-3373550
chr2	3644650	3644750	901-Lng-C-T	60	chr2:3644650-3644750
chr2	3808850	3808950	846-Lng-A-T	185	chr2:3808850-3808950

Table S2: SB Insertion regions

chr2	4223050	4223150	1065-Lng-C-T	71	chr2:4223050-4223150
chr2	4446950	4447050	1152-Lng-A-T	93	chr2:4446950-4447050
chr2	4497550	4497650	1072-Lng-A-T	63	chr2:4497550-4497650
chr2	4521550	4521650	901-Lng-B-T	169	chr2:4521550-4521650
chr2	4523550	4523650	1223-Lng-B-T	87	chr2:4523550-4523650
chr2	4600650	4600750	901-Lng-D-T	46	chr2:4600650-4600750
chr2	4668950	4669050	1004-Lng-A-T	57	chr2:4668950-4669050
chr2	4670450	4670550	901-Lng-A-T	82	chr2:4670450-4670550
chr2	4673050	4673150	1274-Lng-A-T	85	chr2:4673050-4673150
chr2	5240350	5240450	1065-Lng-C-T	65	chr2:5240350-5240450
chr2	5271150	5271250	1167-Lng-A-T	82	chr2:5271150-5271250
chr2	5317350	5317450	1090-Lng-A-T	44	chr2:5317350-5317450
chr2	5346650	5346750	901-Lng-C-T	62	chr2:5346650-5346750
chr2	5389150	5389250	1065-Lng-A-T	110	chr2:5389150-5389250
chr2	5722050	5722150	1090-Lng-A-T	79	chr2:5722050-5722150
chr2	5759950	5760050	1065-Lng-B-T	578	chr2:5759950-5760050
chr2	5899950	5900050	901-Lng-B-T	57	chr2:5899950-5900050
chr2	5952650	5952750	1188-Lng-A-T	417	chr2:5952650-5952750
chr2	5957650	5957750	1090-Lng-B-T	469	chr2:5957650-5957750
chr2	5965450	5965550	1065-Lng-B-T	61	chr2:5965450-5965550
chr2	6059450	6059550	1100-Lng-B-T	57	chr2:6059450-6059550
chr2	6070950	6071050	901-Lng-D-T	127	chr2:6070950-6071050
chr2	6122650	6122750	1065-Lng-A-T	114	chr2:6122650-6122750
chr2	6239150	6239250	1188-Lng-A-T	345	chr2:6239150-6239250
chr2	6279650	6279750	901-Lng-D-T	89	chr2:6279650-6279750
chr2	6285650	6285750	1274-Lng-A-T	129	chr2:6285650-6285750
chr2	6285850	6285950	1188-Lng-A-T	44	chr2:6285850-6285950
chr2	6288450	6288550	1100-Lng-A-T	52	chr2:6288450-6288550
chr2	6335750	6335850	1188-Lng-A-T	1655	chr2:6335750-6335850
chr2	6533350	6533450	1188-Lng-A-T	47	chr2:6533350-6533450
chr2	6550650	6550750	1065-Lng-C-T	86	chr2:6550650-6550750
chr2	6570750	6570850	1072-Lng-A-T	130	chr2:6570750-6570850
chr2	6574750	6574850	1188-Lng-A-T	44	chr2:6574750-6574850
chr2	6619750	6619850	1151-Lng-A-T	55	chr2:6619750-6619850
chr2	6647150	6647250	846-Lng-A-T	82	chr2:6647150-6647250
chr2	6672050	6672150	846-Lng-A-T	49	chr2:6672050-6672150
chr2	6672250	6672350	901-Lng-C-T	46	chr2:6672250-6672350
chr2	6684250	6684350	901-Lng-A-T	89	chr2:6684250-6684350
chr2	6692150	6692250	846-Lng-A-T	122	chr2:6692150-6692250
chr2	6700950	6701050	901-Lng-D-T	231	chr2:6700950-6701050
chr2	6712350	6712450	1274-Lng-A-T	52	chr2:6712350-6712450
chr2	6718850	6718950	1152-Lng-A-T	43	chr2:6718850-6718950
chr2	6780850	6780950	1223-Lng-D-T	56	chr2:6780850-6780950
chr2	6818450	6818550	901-Lng-A-T	79	chr2:6818450-6818550
chr2	6901650	6901750	1065-Lng-C-T	72	chr2:6901650-6901750
chr2	7155350	7155450	1090-Lng-A-T	66	chr2:7155350-7155450

Table S2: SB Insertion regions

chr2	7206850	7206950	1100-Lng-B-T	59	chr2:7206850-7206950
chr2	7568750	7568850	1065-Lng-B-T	53	chr2:7568750-7568850
chr2	7631350	7631450	1065-Lng-C-T	958	chr2:7631350-7631450
chr2	7641850	7641950	901-Lng-B-T	54	chr2:7641850-7641950
chr2	7817550	7817650	1065-Lng-B-T	54	chr2:7817550-7817650
chr2	7868150	7868250	1090-Lng-B-T	1537	chr2:7868150-7868250
chr2	7879450	7879550	1090-Lng-B-T	162	chr2:7879450-7879550
chr2	7954750	7954850	1072-Lng-A-T	103	chr2:7954750-7954850
chr2	8016450	8016550	901-Lng-C-T	41	chr2:8016450-8016550
chr2	8207050	8207150	901-Lng-C-T	55	chr2:8207050-8207150
chr2	8236250	8236350	1223-Lng-A-T	79	chr2:8236250-8236350
chr2	8262950	8263050	1090-Lng-A-T	83	chr2:8262950-8263050
chr2	8282950	8283050	1065-Lng-C-T	127	chr2:8282950-8283050
chr2	8345450	8345550	901-Lng-B-T	53	chr2:8345450-8345550
chr2	8577450	8577550	901-Lng-B-T	92	chr2:8577450-8577550
chr2	8857850	8857950	1072-Lng-A-T	56	chr2:8857850-8857950
chr2	8889850	8889950	1065-Lng-B-T	47	chr2:8889850-8889950
chr2	9035850	9035950	901-Lng-D-T	145	chr2:9035850-9035950
chr2	9081750	9081850	1065-Lng-A-T	83	chr2:9081750-9081850
chr2	9233150	9233250	1090-Lng-A-T	67	chr2:9233150-9233250
chr2	9686150	9686250	1072-Lng-A-T	120	chr2:9686150-9686250
chr2	9848650	9848750	1004-Lng-A-T	61	chr2:9848650-9848750
chr2	9917050	9917150	846-Lng-A-T	143	chr2:9917050-9917150
chr2	9977350	9977450	1274-Lng-A-T	283	chr2:9977350-9977450
chr2	9990950	9991050	1072-Lng-A-T	58	chr2:9990950-9991050
chr2	10031550	10031650	1223-Lng-D-T	56	chr2:10031550-10031650
chr2	10434750	10434850	901-Lng-A-T	96	chr2:10434750-10434850
chr2	10467050	10467150	1274-Lng-A-T	75	chr2:10467050-10467150
chr2	10501650	10501750	901-Lng-A-T	66	chr2:10501650-10501750
chr2	10728350	10728450	1065-Lng-C-T	71	chr2:10728350-10728450
chr2	10751750	10751850	1152-Lng-A-T	34	chr2:10751750-10751850
chr2	10893150	10893250	1065-Lng-C-T	77	chr2:10893150-10893250
chr2	10971950	10972050	1065-Lng-A-T	62	chr2:10971950-10972050
chr2	11472050	11472150	1065-Lng-C-T	105	chr2:11472050-11472150
chr2	11512550	11512650	1090-Lng-B-T	108	chr2:11512550-11512650
chr2	11520550	11520650	1274-Lng-A-T	88	chr2:11520550-11520650
chr2	11583050	11583150	1152-Lng-A-T	75	chr2:11583050-11583150
chr2	11614350	11614450	1274-Lng-A-T	75	chr2:11614350-11614450
chr2	11649650	11649750	1090-Lng-A-T	56	chr2:11649650-11649750
chr2	11867950	11868050	1274-Lng-A-T	56	chr2:11867950-11868050
chr2	12136850	12136950	1152-Lng-A-T	74	chr2:12136850-12136950
chr2	12138850	12138950	1065-Lng-B-T	64	chr2:12138850-12138950
chr2	12308350	12308450	1223-Lng-C-T	48	chr2:12308350-12308450
chr2	12467950	12468050	1274-Lng-A-T	80	chr2:12467950-12468050
chr2	12717350	12717450	1152-Lng-A-T	69	chr2:12717350-12717450
chr2	12846250	12846350	1065-Lng-C-T	83	chr2:12846250-12846350

Table S2: SB Insertion regions

chr2	12907850	12907950	901-Lng-C-T	161	chr2:12907850-12907950
chr2	13009250	13009350	901-Lng-D-T	162	chr2:13009250-13009350
chr2	13154450	13154550	1188-Lng-A-T	35	chr2:13154450-13154550
chr2	13170250	13170350	1065-Lng-C-T	76	chr2:13170250-13170350
chr2	13212550	13212650	1065-Lng-A-T	81	chr2:13212550-13212650
chr2	13278250	13278350	846-Lng-A-T	159	chr2:13278250-13278350
chr2	13432950	13433050	1004-Lng-A-T	76	chr2:13432950-13433050
chr2	13474650	13474750	1072-Lng-A-T	171	chr2:13474650-13474750
chr2	13623150	13623250	1223-Lng-D-T	41	chr2:13623150-13623250
chr2	13828950	13829050	1004-Lng-A-T	254	chr2:13828950-13829050
chr2	13966750	13966850	1065-Lng-C-T	82	chr2:13966750-13966850
chr2	14016450	14016550	901-Lng-B-T	182	chr2:14016450-14016550
chr2	14049150	14049250	901-Lng-A-T	81	chr2:14049150-14049250
chr2	14054250	14054350	901-Lng-A-T	442	chr2:14054250-14054350
chr2	14056150	14056250	1152-Lng-A-T	102	chr2:14056150-14056250
chr2	14059050	14059150	1152-Lng-A-T	132	chr2:14059050-14059150
chr2	14069650	14069750	1223-Lng-A-T	158	chr2:14069650-14069750
chr2	14073450	14073550	1065-Lng-B-T	81	chr2:14073450-14073550
chr2	14620150	14620250	1065-Lng-B-T	341	chr2:14620150-14620250
chr2	14707550	14707650	1223-Lng-D-T	49	chr2:14707550-14707650
chr2	14728750	14728850	1065-Lng-B-T	49	chr2:14728750-14728850
chr2	14814650	14814750	1223-Lng-A-T	532	chr2:14814650-14814750
chr2	14934550	14934650	1065-Lng-C-T	67	chr2:14934550-14934650
chr2	14964750	14964850	1167-Lng-A-T	74	chr2:14964750-14964850
chr2	14966150	14966250	1004-Lng-A-T	87	chr2:14966150-14966250
chr2	14986650	14986750	901-Lng-C-T	52	chr2:14986650-14986750
chr2	15101950	15102050	1065-Lng-A-T	56	chr2:15101950-15102050
chr2	15137650	15137750	1151-Lng-A-T	524	chr2:15137650-15137750
chr2	15260350	15260450	901-Lng-A-T	225	chr2:15260350-15260450
chr2	15402050	15402150	1065-Lng-B-T	82	chr2:15402050-15402150
chr2	15604750	15604850	1072-Lng-A-T	53	chr2:15604750-15604850
chr2	15685150	15685250	1004-Lng-A-T	49	chr2:15685150-15685250
chr2	15709550	15709650	846-Lng-A-T	73	chr2:15709550-15709650
chr2	15796250	15796350	1065-Lng-A-T	72	chr2:15796250-15796350
chr2	15848950	15849050	1065-Lng-B-T	77	chr2:15848950-15849050
chr2	15975950	15976050	1274-Lng-A-T	64	chr2:15975950-15976050
chr2	16022550	16022650	1223-Lng-A-T	162	chr2:16022550-16022650
chr2	16074750	16074850	1072-Lng-A-T	131	chr2:16074750-16074850
chr2	16168950	16169050	901-Lng-C-T	149	chr2:16168950-16169050
chr2	16223550	16223650	901-Lng-A-T	58	chr2:16223550-16223650
chr2	16396950	16397050	1065-Lng-C-T	97	chr2:16396950-16397050
chr2	16495050	16495150	1065-Lng-C-T	109	chr2:16495050-16495150
chr2	16736450	16736550	1223-Lng-D-T	45	chr2:16736450-16736550
chr2	16741550	16741650	1274-Lng-A-T	180	chr2:16741550-16741650
chr2	16775250	16775350	846-Lng-A-T	72	chr2:16775250-16775350
chr2	17283250	17283350	901-Lng-C-T	97	chr2:17283250-17283350

Table S2: SB Insertion regions

chr2	17307450	17307550	1065-Lng-B-T	63	chr2:17307450-17307550
chr2	17356750	17356850	1072-Lng-A-T	48	chr2:17356750-17356850
chr2	17381350	17381450	1223-Lng-D-T	46	chr2:17381350-17381450
chr2	17459650	17459750	1151-Lng-A-T	115	chr2:17459650-17459750
chr2	17468550	17468650	1065-Lng-A-T	73	chr2:17468550-17468650
chr2	17557450	17557550	1223-Lng-A-T	145	chr2:17557450-17557550
chr2	17603250	17603350	1167-Lng-A-T	62	chr2:17603250-17603350
chr2	17645350	17645450	1152-Lng-A-T	34	chr2:17645350-17645450
chr2	17981850	17981950	1090-Lng-A-T	97	chr2:17981850-17981950
chr2	18008150	18008250	1223-Lng-A-T	80	chr2:18008150-18008250
chr2	18009750	18009850	901-Lng-D-T	37	chr2:18009750-18009850
chr2	18012550	18012650	1188-Lng-A-T	173	chr2:18012550-18012650
chr2	18035950	18036050	1065-Lng-C-T	86	chr2:18035950-18036050
chr2	18046350	18046450	1274-Lng-A-T	72	chr2:18046350-18046450
chr2	18076950	18077050	1004-Lng-A-T	79	chr2:18076950-18077050
chr2	18091650	18091750	1004-Lng-A-T	140	chr2:18091650-18091750
chr2	18099350	18099450	1152-Lng-A-T	156	chr2:18099350-18099450
chr2	18103150	18103250	1151-Lng-A-T	71	chr2:18103150-18103250
chr2	18103250	18103350	1223-Lng-D-T	59	chr2:18103250-18103350
chr2	18163950	18164050	1223-Lng-B-T	388	chr2:18163950-18164050
chr2	18288250	18288350	1065-Lng-A-T	38	chr2:18288250-18288350
chr2	18289450	18289550	1090-Lng-A-T	87	chr2:18289450-18289550
chr2	18300050	18300150	1065-Lng-C-T	63	chr2:18300050-18300150
chr2	18301550	18301650	901-Lng-A-T	79	chr2:18301550-18301650
chr2	18478650	18478750	1188-Lng-A-T	134	chr2:18478650-18478750
chr2	18627950	18628050	901-Lng-C-T	57	chr2:18627950-18628050
chr2	18683850	18683950	1223-Lng-C-T	974	chr2:18683850-18683950
chr2	18684550	18684650	1223-Lng-B-T	456	chr2:18684550-18684650
chr2	18813250	18813350	901-Lng-C-T	128	chr2:18813250-18813350
chr2	18816750	18816850	1274-Lng-A-T	121	chr2:18816750-18816850
chr2	18902250	18902350	1072-Lng-A-T	70	chr2:18902250-18902350
chr2	19001550	19001650	901-Lng-C-T	31	chr2:19001550-19001650
chr2	19075150	19075250	901-Lng-C-T	1175	chr2:19075150-19075250
chr2	19107650	19107750	1223-Lng-C-T	46	chr2:19107650-19107750
chr2	19199850	19199950	1090-Lng-A-T	61	chr2:19199850-19199950
chr2	19313550	19313650	1004-Lng-A-T	72	chr2:19313550-19313650
chr2	19515050	19515150	1090-Lng-A-T	73	chr2:19515050-19515150
chr2	19540350	19540450	901-Lng-C-T	44	chr2:19540350-19540450
chr2	20210050	20210150	1004-Lng-A-T	94	chr2:20210050-20210150
chr2	20252350	20252450	1223-Lng-B-T	195	chr2:20252350-20252450
chr2	20621250	20621350	1065-Lng-A-T	44	chr2:20621250-20621350
chr2	20631750	20631850	846-Lng-A-T	56	chr2:20631750-20631850
chr2	20634750	20634850	1065-Lng-C-T	77	chr2:20634750-20634850
chr2	20655250	20655350	1072-Lng-A-T	60	chr2:20655250-20655350
chr2	20662950	20663050	1274-Lng-A-T	88	chr2:20662950-20663050
chr2	20790050	20790150	1152-Lng-A-T	69	chr2:20790050-20790150

Table S2: SB Insertion regions

chr2	20845450	20845550	1188-Lng-A-T	37	chr2:20845450-20845550
chr2	20908450	20908550	1065-Lng-A-T	59	chr2:20908450-20908550
chr2	21120750	21120850	1100-Lng-B-T	618	chr2:21120750-21120850
chr2	21160850	21160950	1090-Lng-A-T	102	chr2:21160850-21160950
chr2	21300850	21300950	1065-Lng-A-T	57	chr2:21300850-21300950
chr2	21329450	21329550	1065-Lng-A-T	34	chr2:21329450-21329550
chr2	21407150	21407250	901-Lng-C-T	46	chr2:21407150-21407250
chr2	21499850	21499950	901-Lng-B-T	315	chr2:21499850-21499950
chr2	21511750	21511850	901-Lng-B-T	133	chr2:21511750-21511850
chr2	21648950	21649050	901-Lng-C-T	317	chr2:21648950-21649050
chr2	22099550	22099650	901-Lng-A-T	53	chr2:22099550-22099650
chr2	22548650	22548750	901-Lng-B-T	232	chr2:22548650-22548750
chr2	22817450	22817550	1151-Lng-A-T	73	chr2:22817450-22817550
chr2	22818750	22818850	901-Lng-D-T	158	chr2:22818750-22818850
chr2	22834450	22834550	1151-Lng-A-T	65	chr2:22834450-22834550
chr2	22850150	22850250	1152-Lng-A-T	36	chr2:22850150-22850250
chr2	22872850	22872950	1167-Lng-A-T	74	chr2:22872850-22872950
chr2	22923050	22923150	1100-Lng-B-T	564	chr2:22923050-22923150
chr2	22941150	22941250	1100-Lng-A-T	124	chr2:22941150-22941250
chr2	22963750	22963850	1152-Lng-A-T	44	chr2:22963750-22963850
chr2	23267550	23267650	901-Lng-A-T	102	chr2:23267550-23267650
chr2	23354150	23354250	1090-Lng-A-T	70	chr2:23354150-23354250
chr2	23356050	23356150	1152-Lng-A-T	61	chr2:23356050-23356150
chr2	23369450	23369550	901-Lng-D-T	434	chr2:23369450-23369550
chr2	23373550	23373650	1072-Lng-A-T	60	chr2:23373550-23373650
chr2	23415650	23415750	1100-Lng-A-T	61	chr2:23415650-23415750
chr2	23648050	23648150	901-Lng-A-T	105	chr2:23648050-23648150
chr2	23670450	23670550	846-Lng-A-T	172	chr2:23670450-23670550
chr2	23867550	23867650	1223-Lng-D-T	42	chr2:23867550-23867650
chr2	23880150	23880250	1100-Lng-A-T	496	chr2:23880150-23880250
chr2	24030950	24031050	846-Lng-A-T	144	chr2:24030950-24031050
chr2	24135650	24135750	1065-Lng-C-T	114	chr2:24135650-24135750
chr2	24142650	24142750	1223-Lng-D-T	42	chr2:24142650-24142750
chr2	24266750	24266850	1152-Lng-A-T	101	chr2:24266750-24266850
chr2	24644250	24644350	901-Lng-B-T	37	chr2:24644250-24644350
chr2	24747950	24748050	1152-Lng-A-T	73	chr2:24747950-24748050
chr2	24752050	24752150	1065-Lng-C-T	69	chr2:24752050-24752150
chr2	24785950	24786050	901-Lng-A-T	83	chr2:24785950-24786050
chr2	24785950	24786050	1152-Lng-A-T	40	chr2:24785950-24786050
chr2	25043950	25044050	901-Lng-A-T	122	chr2:25043950-25044050
chr2	25214750	25214850	1274-Lng-A-T	75	chr2:25214750-25214850
chr2	25380350	25380450	1151-Lng-A-T	261	chr2:25380350-25380450
chr2	25640850	25640950	1151-Lng-A-T	76	chr2:25640850-25640950
chr2	25780350	25780450	1004-Lng-A-T	50	chr2:25780350-25780450
chr2	25955450	25955550	1004-Lng-A-T	202	chr2:25955450-25955550
chr2	25961250	25961350	1274-Lng-A-T	104	chr2:25961250-25961350

Table S2: SB Insertion regions

chr2	26178350	26178450	1065-Lng-C-T	1183	chr2:26178350-26178450
chr2	26287050	26287150	901-Lng-C-T	29	chr2:26287050-26287150
chr2	26302950	26303050	1167-Lng-A-T	96	chr2:26302950-26303050
chr2	26507450	26507550	1004-Lng-A-T	51	chr2:26507450-26507550
chr2	26745650	26745750	1188-Lng-A-T	191	chr2:26745650-26745750
chr2	27111450	27111550	901-Lng-A-T	74	chr2:27111450-27111550
chr2	27149750	27149850	1188-Lng-A-T	52	chr2:27149750-27149850
chr2	27270150	27270250	1151-Lng-A-T	289	chr2:27270150-27270250
chr2	27554850	27554950	1100-Lng-B-T	2490	chr2:27554850-27554950
chr2	27582250	27582350	901-Lng-A-T	97	chr2:27582250-27582350
chr2	27589650	27589750	1188-Lng-A-T	45	chr2:27589650-27589750
chr2	27798550	27798650	1188-Lng-A-T	36	chr2:27798550-27798650
chr2	27811850	27811950	1004-Lng-A-T	53	chr2:27811850-27811950
chr2	28387750	28387850	1223-Lng-A-T	57	chr2:28387750-28387850
chr2	28526450	28526550	1274-Lng-A-T	111	chr2:28526450-28526550
chr2	28700750	28700850	1090-Lng-A-T	117	chr2:28700750-28700850
chr2	28886450	28886550	901-Lng-D-T	194	chr2:28886450-28886550
chr2	29026050	29026150	1065-Lng-C-T	98	chr2:29026050-29026150
chr2	29135650	29135750	1223-Lng-A-T	52	chr2:29135650-29135750
chr2	29239450	29239550	1223-Lng-B-T	65	chr2:29239450-29239550
chr2	29309550	29309650	1065-Lng-B-T	70	chr2:29309550-29309650
chr2	29497550	29497650	901-Lng-C-T	39	chr2:29497550-29497650
chr2	29515950	29516050	1274-Lng-A-T	52	chr2:29515950-29516050
chr2	29755750	29755850	1274-Lng-A-T	50	chr2:29755750-29755850
chr2	29832550	29832650	1274-Lng-A-T	79	chr2:29832550-29832650
chr2	29843450	29843550	1065-Lng-A-T	201	chr2:29843450-29843550
chr2	29923850	29923950	1274-Lng-A-T	57	chr2:29923850-29923950
chr2	30152550	30152650	1274-Lng-A-T	65	chr2:30152550-30152650
chr2	30215350	30215450	1274-Lng-A-T	55	chr2:30215350-30215450
chr2	30269650	30269750	1072-Lng-A-T	195	chr2:30269650-30269750
chr2	30909650	30909750	1274-Lng-A-T	102	chr2:30909650-30909750
chr2	30934250	30934350	901-Lng-B-T	114	chr2:30934250-30934350
chr2	30948450	30948550	1065-Lng-B-T	66	chr2:30948450-30948550
chr2	30976850	30976950	1223-Lng-A-T	116	chr2:30976850-30976950
chr2	31029850	31029950	1100-Lng-A-T	119	chr2:31029850-31029950
chr2	31461050	31461150	1100-Lng-A-T	134	chr2:31461050-31461150
chr2	31588950	31589050	1090-Lng-A-T	78	chr2:31588950-31589050
chr2	31627750	31627850	1065-Lng-C-T	68	chr2:31627750-31627850
chr2	31853550	31853650	901-Lng-A-T	68	chr2:31853550-31853650
chr2	31892550	31892650	1188-Lng-A-T	110	chr2:31892550-31892650
chr2	32091150	32091250	1188-Lng-A-T	40	chr2:32091150-32091250
chr2	32135650	32135750	1223-Lng-D-T	211	chr2:32135650-32135750
chr2	32146750	32146850	901-Lng-A-T	77	chr2:32146750-32146850
chr2	32384550	32384650	1188-Lng-A-T	36	chr2:32384550-32384650
chr2	32418250	32418350	1100-Lng-B-T	3044	chr2:32418250-32418350
chr2	32445550	32445650	1072-Lng-A-T	179	chr2:32445550-32445650

Table S2: SB Insertion regions

chr2	32848550	32848650	901-Lng-D-T	103	chr2:32848550-32848650
chr2	33093250	33093350	1100-Lng-A-T	70	chr2:33093250-33093350
chr2	33214050	33214150	1188-Lng-A-T	128	chr2:33214050-33214150
chr2	33218450	33218550	1223-Lng-B-T	81	chr2:33218450-33218550
chr2	33311850	33311950	1100-Lng-A-T	52	chr2:33311850-33311950
chr2	33685950	33686050	1151-Lng-A-T	414	chr2:33685950-33686050
chr2	33752850	33752950	1065-Lng-B-T	217	chr2:33752850-33752950
chr2	33788550	33788650	1090-Lng-A-T	61	chr2:33788550-33788650
chr2	34036150	34036250	1004-Lng-A-T	85	chr2:34036150-34036250
chr2	34045350	34045450	1004-Lng-A-T	127	chr2:34045350-34045450
chr2	34118350	34118450	1274-Lng-A-T	100	chr2:34118350-34118450
chr2	34148250	34148350	1223-Lng-B-T	46	chr2:34148250-34148350
chr2	34255150	34255250	1004-Lng-A-T	197	chr2:34255150-34255250
chr2	34265250	34265350	1151-Lng-A-T	119	chr2:34265250-34265350
chr2	34300250	34300350	1065-Lng-B-T	70	chr2:34300250-34300350
chr2	34338950	34339050	1274-Lng-A-T	114	chr2:34338950-34339050
chr2	34379150	34379250	1090-Lng-A-T	94	chr2:34379150-34379250
chr2	34392350	34392450	1274-Lng-A-T	153	chr2:34392350-34392450
chr2	34401050	34401150	1151-Lng-A-T	73	chr2:34401050-34401150
chr2	34406050	34406150	901-Lng-A-T	502	chr2:34406050-34406150
chr2	34468250	34468350	1065-Lng-C-T	213	chr2:34468250-34468350
chr2	34473450	34473550	1100-Lng-B-T	109	chr2:34473450-34473550
chr2	34602150	34602250	1065-Lng-B-T	63	chr2:34602150-34602250
chr2	34626350	34626450	1065-Lng-A-T	43	chr2:34626350-34626450
chr2	34659950	34660050	1004-Lng-A-T	69	chr2:34659950-34660050
chr2	34811950	34812050	901-Lng-B-T	134	chr2:34811950-34812050
chr2	34990150	34990250	846-Lng-A-T	152	chr2:34990150-34990250
chr2	35042550	35042650	1090-Lng-A-T	53	chr2:35042550-35042650
chr2	35048250	35048350	1090-Lng-B-T	321	chr2:35048250-35048350
chr2	35130950	35131050	1152-Lng-A-T	97	chr2:35130950-35131050
chr2	35494950	35495050	1274-Lng-A-T	66	chr2:35494950-35495050
chr2	35567050	35567150	1152-Lng-A-T	151	chr2:35567050-35567150
chr2	35704050	35704150	1004-Lng-A-T	913	chr2:35704050-35704150
chr2	35762850	35762950	1100-Lng-B-T	185	chr2:35762850-35762950
chr2	35830550	35830650	1065-Lng-A-T	82	chr2:35830550-35830650
chr2	35830550	35830650	1065-Lng-C-T	376	chr2:35830550-35830650
chr2	35984950	35985050	1072-Lng-A-T	83	chr2:35984950-35985050
chr2	36000550	36000650	846-Lng-A-T	42	chr2:36000550-36000650
chr2	36102550	36102650	1188-Lng-A-T	34	chr2:36102550-36102650
chr2	36105350	36105450	1167-Lng-A-T	59	chr2:36105350-36105450
chr2	36140650	36140750	1223-Lng-D-T	40	chr2:36140650-36140750
chr2	36381350	36381450	901-Lng-B-T	90	chr2:36381350-36381450
chr2	36915750	36915850	1065-Lng-B-T	46	chr2:36915750-36915850
chr2	36949950	36950050	1065-Lng-B-T	55	chr2:36949950-36950050
chr2	37047450	37047550	1090-Lng-B-T	653	chr2:37047450-37047550
chr2	37206750	37206850	1090-Lng-A-T	71	chr2:37206750-37206850

Table S2: SB Insertion regions

chr2	37346950	37347050	1065-Lng-C-T	1054	chr2:37346950-37347050
chr2	37365550	37365650	1152-Lng-A-T	76	chr2:37365550-37365650
chr2	37369450	37369550	1223-Lng-C-T	43	chr2:37369450-37369550
chr2	37499350	37499450	1065-Lng-C-T	82	chr2:37499350-37499450
chr2	37570250	37570350	1152-Lng-A-T	125	chr2:37570250-37570350
chr2	37580050	37580150	1090-Lng-A-T	62	chr2:37580050-37580150
chr2	37675950	37676050	1065-Lng-B-T	78	chr2:37675950-37676050
chr2	37826850	37826950	1274-Lng-A-T	52	chr2:37826850-37826950
chr2	37830150	37830250	1188-Lng-A-T	55	chr2:37830150-37830250
chr2	37834050	37834150	1072-Lng-A-T	54	chr2:37834050-37834150
chr2	37851850	37851950	1188-Lng-A-T	22116	chr2:37851850-37851950
chr2	37857050	37857150	901-Lng-A-T	90	chr2:37857050-37857150
chr2	37894550	37894650	1188-Lng-A-T	51	chr2:37894550-37894650
chr2	37946750	37946850	1065-Lng-A-T	54	chr2:37946750-37946850
chr2	38029150	38029250	1188-Lng-A-T	352	chr2:38029150-38029250
chr2	38078750	38078850	1004-Lng-A-T	89	chr2:38078750-38078850
chr2	38097750	38097850	901-Lng-C-T	84	chr2:38097750-38097850
chr2	38133950	38134050	1223-Lng-D-T	202	chr2:38133950-38134050
chr2	38432750	38432850	1167-Lng-A-T	128	chr2:38432750-38432850
chr2	38454650	38454750	1100-Lng-A-T	62	chr2:38454650-38454750
chr2	38477450	38477550	1151-Lng-A-T	243	chr2:38477450-38477550
chr2	38602050	38602150	1223-Lng-A-T	128	chr2:38602050-38602150
chr2	38652950	38653050	1100-Lng-A-T	113	chr2:38652950-38653050
chr2	38674750	38674850	1151-Lng-A-T	70	chr2:38674750-38674850
chr2	38749050	38749150	901-Lng-C-T	156	chr2:38749050-38749150
chr2	38840750	38840850	1065-Lng-C-T	71	chr2:38840750-38840850
chr2	38879750	38879850	1223-Lng-C-T	46	chr2:38879750-38879850
chr2	38934850	38934950	1100-Lng-A-T	77	chr2:38934850-38934950
chr2	39014150	39014250	1223-Lng-D-T	46	chr2:39014150-39014250
chr2	39047450	39047550	901-Lng-C-T	64	chr2:39047450-39047550
chr2	39073250	39073350	1090-Lng-A-T	384	chr2:39073250-39073350
chr2	39080550	39080650	1072-Lng-A-T	128	chr2:39080550-39080650
chr2	39308650	39308750	1065-Lng-B-T	55	chr2:39308650-39308750
chr2	39403350	39403450	1223-Lng-C-T	48	chr2:39403350-39403450
chr2	39403350	39403450	1065-Lng-C-T	72	chr2:39403350-39403450
chr2	39879350	39879450	901-Lng-A-T	63	chr2:39879350-39879450
chr2	39971650	39971750	1065-Lng-B-T	87	chr2:39971650-39971750
chr2	40018650	40018750	1274-Lng-A-T	177	chr2:40018650-40018750
chr2	40391850	40391950	1223-Lng-B-T	257	chr2:40391850-40391950
chr2	40394250	40394350	1152-Lng-A-T	129	chr2:40394250-40394350
chr2	40493550	40493650	1274-Lng-A-T	171	chr2:40493550-40493650
chr2	40596750	40596850	901-Lng-C-T	32	chr2:40596750-40596850
chr2	40600850	40600950	901-Lng-A-T	110	chr2:40600850-40600950
chr2	40772350	40772450	1065-Lng-A-T	68	chr2:40772350-40772450
chr2	41000550	41000650	1065-Lng-A-T	44	chr2:41000550-41000650
chr2	41011050	41011150	1072-Lng-A-T	65	chr2:41011050-41011150

Table S2: SB Insertion regions

chr2	41045550	41045650	1065-Lng-B-T	79	chr2:41045550-41045650
chr2	41177050	41177150	1090-Lng-B-T	1698	chr2:41177050-41177150
chr2	41503050	41503150	1274-Lng-A-T	65	chr2:41503050-41503150
chr2	41753850	41753950	901-Lng-C-T	44	chr2:41753850-41753950
chr2	41778350	41778450	1065-Lng-C-T	105	chr2:41778350-41778450
chr2	41937150	41937250	1065-Lng-A-T	338	chr2:41937150-41937250
chr2	41985050	41985150	1065-Lng-C-T	88	chr2:41985050-41985150
chr2	42014950	42015050	1188-Lng-A-T	47	chr2:42014950-42015050
chr2	42041150	42041250	1065-Lng-C-T	74	chr2:42041150-42041250
chr2	42141850	42141950	901-Lng-C-T	49	chr2:42141850-42141950
chr2	42266550	42266650	1152-Lng-A-T	418	chr2:42266550-42266650
chr2	42359950	42360050	1223-Lng-C-T	49	chr2:42359950-42360050
chr2	42612350	42612450	1100-Lng-A-T	91	chr2:42612350-42612450
chr2	42663750	42663850	1090-Lng-A-T	90	chr2:42663750-42663850
chr2	42952650	42952750	1100-Lng-A-T	64	chr2:42952650-42952750
chr2	43677850	43677950	901-Lng-A-T	53	chr2:43677850-43677950
chr2	43846750	43846850	901-Lng-A-T	65	chr2:43846750-43846850
chr2	43871450	43871550	1065-Lng-C-T	69	chr2:43871450-43871550
chr2	43962950	43963050	901-Lng-A-T	85	chr2:43962950-43963050
chr2	44348450	44348550	901-Lng-C-T	345	chr2:44348450-44348550
chr2	44398450	44398550	1274-Lng-A-T	73	chr2:44398450-44398550
chr2	44402450	44402550	1223-Lng-D-T	43	chr2:44402450-44402550
chr2	44613550	44613650	1004-Lng-A-T	59	chr2:44613550-44613650
chr2	44618750	44618850	1004-Lng-A-T	116	chr2:44618750-44618850
chr2	44718450	44718550	1065-Lng-B-T	45	chr2:44718450-44718550
chr2	44722950	44723050	1065-Lng-C-T	63	chr2:44722950-44723050
chr2	44857750	44857850	1100-Lng-A-T	82	chr2:44857750-44857850
chr2	45125450	45125550	1152-Lng-A-T	40	chr2:45125450-45125550
chr2	45444450	45444550	1065-Lng-C-T	116	chr2:45444450-45444550
chr2	45452350	45452450	1065-Lng-C-T	65	chr2:45452350-45452450
chr2	45920150	45920250	1065-Lng-A-T	40	chr2:45920150-45920250
chr2	46924450	46924550	1223-Lng-D-T	41	chr2:46924450-46924550
chr2	47017750	47017850	1065-Lng-C-T	68	chr2:47017750-47017850
chr2	47156650	47156750	901-Lng-A-T	460	chr2:47156650-47156750
chr2	47288950	47289050	1072-Lng-A-T	186	chr2:47288950-47289050
chr2	47390850	47390950	1065-Lng-A-T	44	chr2:47390850-47390950
chr2	47696650	47696750	1065-Lng-B-T	467	chr2:47696650-47696750
chr2	48066050	48066150	1223-Lng-D-T	40	chr2:48066050-48066150
chr2	48066550	48066650	1090-Lng-A-T	93	chr2:48066550-48066650
chr2	48272450	48272550	1090-Lng-A-T	89	chr2:48272450-48272550
chr2	48354950	48355050	1065-Lng-C-T	65	chr2:48354950-48355050
chr2	48504450	48504550	1152-Lng-A-T	72	chr2:48504450-48504550
chr2	48573050	48573150	901-Lng-C-T	45	chr2:48573050-48573150
chr2	48585550	48585650	1223-Lng-A-T	67	chr2:48585550-48585650
chr2	48673650	48673750	1100-Lng-A-T	117	chr2:48673650-48673750
chr2	48681650	48681750	1090-Lng-B-T	240	chr2:48681650-48681750

Table S2: SB Insertion regions

chr2	48684150	48684250	1151-Lng-A-T	77	chr2:48684150-48684250
chr2	48686850	48686950	901-Lng-C-T	219	chr2:48686850-48686950
chr2	48719650	48719750	1223-Lng-D-T	40	chr2:48719650-48719750
chr2	48731350	48731450	1065-Lng-A-T	122	chr2:48731350-48731450
chr2	48770550	48770650	1223-Lng-B-T	41	chr2:48770550-48770650
chr2	48838050	48838150	1188-Lng-A-T	124	chr2:48838050-48838150
chr2	48869850	48869950	1151-Lng-A-T	69	chr2:48869850-48869950
chr2	48890350	48890450	901-Lng-B-T	239	chr2:48890350-48890450
chr2	48926750	48926850	1223-Lng-B-T	245	chr2:48926750-48926850
chr2	48970750	48970850	901-Lng-B-T	114	chr2:48970750-48970850
chr2	49032550	49032650	1065-Lng-B-T	71	chr2:49032550-49032650
chr2	49032950	49033050	901-Lng-A-T	104	chr2:49032950-49033050
chr2	49046250	49046350	1065-Lng-A-T	41	chr2:49046250-49046350
chr2	49048150	49048250	901-Lng-B-T	40	chr2:49048150-49048250
chr2	49067350	49067450	1167-Lng-A-T	49	chr2:49067350-49067450
chr2	49100750	49100850	846-Lng-A-T	1699	chr2:49100750-49100850
chr2	49115450	49115550	1065-Lng-C-T	70	chr2:49115450-49115550
chr2	49303450	49303550	1090-Lng-A-T	85	chr2:49303450-49303550
chr2	49346250	49346350	1274-Lng-A-T	57	chr2:49346250-49346350
chr2	49357750	49357850	1004-Lng-A-T	52	chr2:49357750-49357850
chr2	49358550	49358650	1090-Lng-B-T	152	chr2:49358550-49358650
chr2	49360450	49360550	1274-Lng-A-T	102	chr2:49360450-49360550
chr2	49363250	49363350	901-Lng-B-T	137	chr2:49363250-49363350
chr2	49376750	49376850	1188-Lng-A-T	398	chr2:49376750-49376850
chr2	49397350	49397450	1090-Lng-B-T	1051	chr2:49397350-49397450
chr2	49412850	49412950	1223-Lng-B-T	38	chr2:49412850-49412950
chr2	49703450	49703550	1090-Lng-A-T	82	chr2:49703450-49703550
chr2	49747150	49747250	1223-Lng-D-T	41	chr2:49747150-49747250
chr2	49768250	49768350	1274-Lng-A-T	56	chr2:49768250-49768350
chr2	49821650	49821750	846-Lng-A-T	109	chr2:49821650-49821750
chr2	49848650	49848750	901-Lng-C-T	85	chr2:49848650-49848750
chr2	49866750	49866850	1065-Lng-A-T	127	chr2:49866750-49866850
chr2	49917950	49918050	901-Lng-B-T	44	chr2:49917950-49918050
chr2	50136350	50136450	1223-Lng-B-T	164	chr2:50136350-50136450
chr2	50137550	50137650	1072-Lng-A-T	49	chr2:50137550-50137650
chr2	50140650	50140750	901-Lng-C-T	102	chr2:50140650-50140750
chr2	50142650	50142750	1100-Lng-B-T	64	chr2:50142650-50142750
chr2	50264850	50264950	901-Lng-A-T	67	chr2:50264850-50264950
chr2	50282650	50282750	901-Lng-B-T	236	chr2:50282650-50282750
chr2	50548450	50548550	1065-Lng-C-T	73	chr2:50548450-50548550
chr2	50970550	50970650	846-Lng-A-T	58	chr2:50970550-50970650
chr2	51241850	51241950	901-Lng-B-T	37	chr2:51241850-51241950
chr2	51263450	51263550	1004-Lng-A-T	77	chr2:51263450-51263550
chr2	51524250	51524350	1065-Lng-C-T	66	chr2:51524250-51524350
chr2	51654850	51654950	901-Lng-A-T	86	chr2:51654850-51654950
chr2	51836150	51836250	901-Lng-C-T	79	chr2:51836150-51836250

Table S2: SB Insertion regions

chr2	51865250	51865350	1223-Lng-B-T	123	chr2:51865250-51865350
chr2	51951550	51951650	846-Lng-A-T	93	chr2:51951550-51951650
chr2	51969550	51969650	1090-Lng-A-T	62	chr2:51969550-51969650
chr2	52297650	52297750	901-Lng-D-T	154	chr2:52297650-52297750
chr2	52340450	52340550	901-Lng-C-T	65	chr2:52340450-52340550
chr2	52433650	52433750	901-Lng-D-T	154	chr2:52433650-52433750
chr2	52449250	52449350	1223-Lng-B-T	85	chr2:52449250-52449350
chr2	52732650	52732750	1223-Lng-B-T	40	chr2:52732650-52732750
chr2	53024650	53024750	1223-Lng-B-T	35	chr2:53024650-53024750
chr2	53053250	53053350	901-Lng-C-T	66	chr2:53053250-53053350
chr2	53275150	53275250	901-Lng-C-T	63	chr2:53275150-53275250
chr2	53578350	53578450	901-Lng-C-T	133	chr2:53578350-53578450
chr2	53733150	53733250	1090-Lng-A-T	81	chr2:53733150-53733250
chr2	53758850	53758950	1152-Lng-A-T	185	chr2:53758850-53758950
chr2	54041350	54041450	1223-Lng-A-T	134	chr2:54041350-54041450
chr2	54267150	54267250	1065-Lng-A-T	34	chr2:54267150-54267250
chr2	54329650	54329750	1004-Lng-A-T	85	chr2:54329650-54329750
chr2	54501350	54501450	1065-Lng-C-T	61	chr2:54501350-54501450
chr2	54921850	54921950	1223-Lng-A-T	182	chr2:54921850-54921950
chr2	54951150	54951250	901-Lng-A-T	173	chr2:54951150-54951250
chr2	55164650	55164750	1188-Lng-A-T	106	chr2:55164650-55164750
chr2	55229150	55229250	1072-Lng-A-T	56	chr2:55229150-55229250
chr2	55401450	55401550	1223-Lng-D-T	43	chr2:55401450-55401550
chr2	55426650	55426750	846-Lng-A-T	174	chr2:55426650-55426750
chr2	55649350	55649450	1065-Lng-C-T	61	chr2:55649350-55649450
chr2	55652650	55652750	1223-Lng-B-T	184	chr2:55652650-55652750
chr2	55707750	55707850	901-Lng-A-T	74	chr2:55707750-55707850
chr2	55820550	55820650	1274-Lng-A-T	85	chr2:55820550-55820650
chr2	56314250	56314350	1152-Lng-A-T	49	chr2:56314250-56314350
chr2	56336150	56336250	846-Lng-A-T	160	chr2:56336150-56336250
chr2	56382250	56382350	1072-Lng-A-T	168	chr2:56382250-56382350
chr2	56480050	56480150	1274-Lng-A-T	90	chr2:56480050-56480150
chr2	56817350	56817450	901-Lng-B-T	126	chr2:56817350-56817450
chr2	56936850	56936950	901-Lng-B-T	99	chr2:56936850-56936950
chr2	56975450	56975550	901-Lng-A-T	65	chr2:56975450-56975550
chr2	56988950	56989050	1090-Lng-A-T	78	chr2:56988950-56989050
chr2	57034950	57035050	1152-Lng-A-T	148	chr2:57034950-57035050
chr2	57109550	57109650	1274-Lng-A-T	68	chr2:57109550-57109650
chr2	57130650	57130750	1065-Lng-A-T	56	chr2:57130650-57130750
chr2	57992450	57992550	1152-Lng-A-T	43	chr2:57992450-57992550
chr2	58237450	58237550	1065-Lng-C-T	100	chr2:58237450-58237550
chr2	58335250	58335350	1152-Lng-A-T	39	chr2:58335250-58335350
chr2	58370350	58370450	1223-Lng-B-T	55	chr2:58370350-58370450
chr2	58376350	58376450	1100-Lng-A-T	6678	chr2:58376350-58376450
chr2	58379150	58379250	901-Lng-A-T	122	chr2:58379150-58379250
chr2	58380650	58380750	1152-Lng-A-T	68	chr2:58380650-58380750

Table S2: SB Insertion regions

chr2	58403450	58403550	1065-Lng-A-T	84	chr2:58403450-58403550
chr2	58671850	58671950	1151-Lng-A-T	54	chr2:58671850-58671950
chr2	58772550	58772650	1152-Lng-A-T	42	chr2:58772550-58772650
chr2	58960350	58960450	1100-Lng-A-T	61	chr2:58960350-58960450
chr2	59028150	59028250	1151-Lng-A-T	10643	chr2:59028150-59028250
chr2	59049450	59049550	1223-Lng-C-T	56	chr2:59049450-59049550
chr2	59106350	59106450	901-Lng-B-T	108	chr2:59106350-59106450
chr2	59124450	59124550	1188-Lng-A-T	146	chr2:59124450-59124550
chr2	59128350	59128450	1090-Lng-A-T	57	chr2:59128350-59128450
chr2	59159950	59160050	1152-Lng-A-T	143	chr2:59159950-59160050
chr2	59227650	59227750	1223-Lng-D-T	44	chr2:59227650-59227750
chr2	59410250	59410350	1167-Lng-A-T	89	chr2:59410250-59410350
chr2	59421550	59421650	846-Lng-A-T	71	chr2:59421550-59421650
chr2	59424750	59424850	1223-Lng-A-T	143	chr2:59424750-59424850
chr2	59549350	59549450	1072-Lng-A-T	315	chr2:59549350-59549450
chr2	59564550	59564650	1223-Lng-A-T	994	chr2:59564550-59564650
chr2	59565950	59566050	1151-Lng-A-T	287	chr2:59565950-59566050
chr2	59615650	59615750	1100-Lng-A-T	81	chr2:59615650-59615750
chr2	59685350	59685450	1223-Lng-A-T	183	chr2:59685350-59685450
chr2	59726150	59726250	846-Lng-A-T	284	chr2:59726150-59726250
chr2	59739150	59739250	1274-Lng-A-T	134	chr2:59739150-59739250
chr2	59757650	59757750	1223-Lng-B-T	224	chr2:59757650-59757750
chr2	59762350	59762450	1223-Lng-B-T	65	chr2:59762350-59762450
chr2	59776550	59776650	1152-Lng-A-T	91	chr2:59776550-59776650
chr2	59787450	59787550	1100-Lng-A-T	64	chr2:59787450-59787550
chr2	59825150	59825250	1151-Lng-A-T	81	chr2:59825150-59825250
chr2	59861650	59861750	1004-Lng-A-T	246	chr2:59861650-59861750
chr2	59909350	59909450	1223-Lng-C-T	43	chr2:59909350-59909450
chr2	59952250	59952350	901-Lng-A-T	50	chr2:59952250-59952350
chr2	59961250	59961350	1223-Lng-B-T	103	chr2:59961250-59961350
chr2	60063950	60064050	1100-Lng-A-T	60	chr2:60063950-60064050
chr2	60065050	60065150	901-Lng-C-T	50	chr2:60065050-60065150
chr2	60085650	60085750	1188-Lng-A-T	97	chr2:60085650-60085750
chr2	60093050	60093150	901-Lng-A-T	75	chr2:60093050-60093150
chr2	60098550	60098650	901-Lng-C-T	70	chr2:60098550-60098650
chr2	60112150	60112250	901-Lng-C-T	34	chr2:60112150-60112250
chr2	60464250	60464350	1065-Lng-C-T	101	chr2:60464250-60464350
chr2	60469550	60469650	1167-Lng-A-T	1621	chr2:60469550-60469650
chr2	60541150	60541250	1100-Lng-A-T	156	chr2:60541150-60541250
chr2	60586650	60586750	1274-Lng-A-T	77	chr2:60586650-60586750
chr2	60621850	60621950	1223-Lng-D-T	52	chr2:60621850-60621950
chr2	60631850	60631950	1274-Lng-A-T	60	chr2:60631850-60631950
chr2	60653650	60653750	1065-Lng-A-T	71	chr2:60653650-60653750
chr2	60751150	60751250	901-Lng-C-T	43	chr2:60751150-60751250
chr2	60760050	60760150	1223-Lng-D-T	57	chr2:60760050-60760150
chr2	60772250	60772350	1004-Lng-A-T	637	chr2:60772250-60772350

Table S2: SB Insertion regions

chr2	60794750	60794850	901-Lng-B-T	152	chr2:60794750-60794850
chr2	60912050	60912150	1072-Lng-A-T	64	chr2:60912050-60912150
chr2	60943450	60943550	1152-Lng-A-T	76	chr2:60943450-60943550
chr2	61108850	61108950	1100-Lng-A-T	91	chr2:61108850-61108950
chr2	61450450	61450550	1274-Lng-A-T	217	chr2:61450450-61450550
chr2	61528450	61528550	1223-Lng-C-T	64	chr2:61528450-61528550
chr2	61602250	61602350	1151-Lng-A-T	717	chr2:61602250-61602350
chr2	61932350	61932450	1065-Lng-A-T	714	chr2:61932350-61932450
chr2	62085750	62085850	1151-Lng-A-T	63	chr2:62085750-62085850
chr2	62165050	62165150	1065-Lng-B-T	45	chr2:62165050-62165150
chr2	62184850	62184950	1090-Lng-A-T	535	chr2:62184850-62184950
chr2	62369050	62369150	1090-Lng-A-T	126	chr2:62369050-62369150
chr2	62507750	62507850	1065-Lng-A-T	156	chr2:62507750-62507850
chr2	62624650	62624750	901-Lng-A-T	145	chr2:62624650-62624750
chr2	62677150	62677250	1072-Lng-A-T	97	chr2:62677150-62677250
chr2	62791550	62791650	901-Lng-C-T	34	chr2:62791550-62791650
chr2	63034850	63034950	1167-Lng-A-T	103	chr2:63034850-63034950
chr2	63076550	63076650	1065-Lng-C-T	66	chr2:63076550-63076650
chr2	63178150	63178250	1100-Lng-A-T	129	chr2:63178150-63178250
chr2	63235250	63235350	901-Lng-B-T	60	chr2:63235250-63235350
chr2	63281350	63281450	901-Lng-A-T	145	chr2:63281350-63281450
chr2	63403950	63404050	1188-Lng-A-T	37	chr2:63403950-63404050
chr2	63413150	63413250	1152-Lng-A-T	42	chr2:63413150-63413250
chr2	63590650	63590750	1167-Lng-A-T	51	chr2:63590650-63590750
chr2	63627650	63627750	1065-Lng-A-T	205	chr2:63627650-63627750
chr2	63863650	63863750	1090-Lng-B-T	165	chr2:63863650-63863750
chr2	63878650	63878750	1223-Lng-D-T	45	chr2:63878650-63878750
chr2	63917750	63917850	1152-Lng-A-T	71	chr2:63917750-63917850
chr2	64053650	64053750	1065-Lng-B-T	62	chr2:64053650-64053750
chr2	64179050	64179150	1188-Lng-A-T	48	chr2:64179050-64179150
chr2	64435350	64435450	1090-Lng-A-T	75	chr2:64435350-64435450
chr2	64729350	64729450	1274-Lng-A-T	69	chr2:64729350-64729450
chr2	64744150	64744250	1223-Lng-B-T	224	chr2:64744150-64744250
chr2	64747850	64747950	1188-Lng-A-T	46	chr2:64747850-64747950
chr2	64796850	64796950	901-Lng-A-T	111	chr2:64796850-64796950
chr2	64797350	64797450	846-Lng-A-T	89	chr2:64797350-64797450
chr2	64802350	64802450	1223-Lng-D-T	45	chr2:64802350-64802450
chr2	64817350	64817450	846-Lng-A-T	101	chr2:64817350-64817450
chr2	64818550	64818650	901-Lng-D-T	335	chr2:64818550-64818650
chr2	64838450	64838550	901-Lng-A-T	107	chr2:64838450-64838550
chr2	64844150	64844250	846-Lng-A-T	239	chr2:64844150-64844250
chr2	64855850	64855950	1151-Lng-A-T	69	chr2:64855850-64855950
chr2	64873250	64873350	1223-Lng-A-T	199	chr2:64873250-64873350
chr2	64882750	64882850	901-Lng-A-T	379	chr2:64882750-64882850
chr2	64977950	64978050	1100-Lng-A-T	106	chr2:64977950-64978050
chr2	64978150	64978250	1151-Lng-A-T	98	chr2:64978150-64978250

Table S2: SB Insertion regions

chr2	64981250	64981350	1072-Lng-A-T	175	chr2:64981250-64981350
chr2	65029150	65029250	1090-Lng-B-T	257	chr2:65029150-65029250
chr2	65046850	65046950	901-Lng-B-T	49	chr2:65046850-65046950
chr2	65048250	65048350	1065-Lng-B-T	47	chr2:65048250-65048350
chr2	65048550	65048650	1274-Lng-A-T	66	chr2:65048550-65048650
chr2	65052950	65053050	1274-Lng-A-T	176	chr2:65052950-65053050
chr2	65064550	65064650	1274-Lng-A-T	72	chr2:65064550-65064650
chr2	65066850	65066950	1065-Lng-C-T	169	chr2:65066850-65066950
chr2	65075250	65075350	1065-Lng-C-T	93	chr2:65075250-65075350
chr2	65231850	65231950	1151-Lng-A-T	425	chr2:65231850-65231950
chr2	65250850	65250950	1072-Lng-A-T	143	chr2:65250850-65250950
chr2	65377150	65377250	1188-Lng-A-T	40	chr2:65377150-65377250
chr2	65494350	65494450	1188-Lng-A-T	38	chr2:65494350-65494450
chr2	65516350	65516450	1065-Lng-B-T	60	chr2:65516350-65516450
chr2	65715550	65715650	1100-Lng-A-T	142	chr2:65715550-65715650
chr2	65730250	65730350	1223-Lng-C-T	43	chr2:65730250-65730350
chr2	65776550	65776650	1065-Lng-C-T	219	chr2:65776550-65776650
chr2	65860550	65860650	901-Lng-C-T	79	chr2:65860550-65860650
chr2	66725850	66725950	1004-Lng-A-T	67	chr2:66725850-66725950
chr2	66983650	66983750	1151-Lng-A-T	56	chr2:66983650-66983750
chr2	66989850	66989950	901-Lng-A-T	99	chr2:66989850-66989950
chr2	67139050	67139150	1100-Lng-A-T	79	chr2:67139050-67139150
chr2	67295450	67295550	901-Lng-B-T	134	chr2:67295450-67295550
chr2	67446450	67446550	901-Lng-C-T	36	chr2:67446450-67446550
chr2	67734450	67734550	1274-Lng-A-T	53	chr2:67734450-67734550
chr2	67787050	67787150	1090-Lng-A-T	66	chr2:67787050-67787150
chr2	67935550	67935650	1223-Lng-B-T	61	chr2:67935550-67935650
chr2	68125050	68125150	1167-Lng-A-T	1741	chr2:68125050-68125150
chr2	68132350	68132450	1100-Lng-B-T	62	chr2:68132350-68132450
chr2	68249650	68249750	901-Lng-D-T	300	chr2:68249650-68249750
chr2	68272350	68272450	901-Lng-A-T	94	chr2:68272350-68272450
chr2	68277650	68277750	1223-Lng-C-T	523	chr2:68277650-68277750
chr2	68293650	68293750	846-Lng-A-T	120	chr2:68293650-68293750
chr2	68319450	68319550	901-Lng-D-T	63	chr2:68319450-68319550
chr2	68483750	68483850	1274-Lng-A-T	122	chr2:68483750-68483850
chr2	68615050	68615150	901-Lng-C-T	65	chr2:68615050-68615150
chr2	68671950	68672050	901-Lng-D-T	345	chr2:68671950-68672050
chr2	68703750	68703850	1065-Lng-C-T	76	chr2:68703750-68703850
chr2	68883550	68883650	1167-Lng-A-T	259	chr2:68883550-68883650
chr2	68956150	68956250	901-Lng-C-T	93	chr2:68956150-68956250
chr2	69187950	69188050	1072-Lng-A-T	111	chr2:69187950-69188050
chr2	69248050	69248150	901-Lng-D-T	387	chr2:69248050-69248150
chr2	69287350	69287450	901-Lng-A-T	74	chr2:69287350-69287450
chr2	69314450	69314550	1188-Lng-A-T	36	chr2:69314450-69314550
chr2	69335050	69335150	1004-Lng-A-T	77	chr2:69335050-69335150
chr2	69365350	69365450	1188-Lng-A-T	145	chr2:69365350-69365450

Table S2: SB Insertion regions

chr2	69381450	69381550	1274-Lng-A-T	78	chr2:69381450-69381550
chr2	69414850	69414950	1065-Lng-B-T	65	chr2:69414850-69414950
chr2	69591250	69591350	846-Lng-A-T	198	chr2:69591250-69591350
chr2	69711050	69711150	1274-Lng-A-T	194	chr2:69711050-69711150
chr2	69748450	69748550	901-Lng-A-T	104	chr2:69748450-69748550
chr2	69771950	69772050	1167-Lng-A-T	46	chr2:69771950-69772050
chr2	69783050	69783150	1223-Lng-C-T	44	chr2:69783050-69783150
chr2	69796450	69796550	1188-Lng-A-T	85	chr2:69796450-69796550
chr2	69834150	69834250	846-Lng-A-T	252	chr2:69834150-69834250
chr2	69855450	69855550	1188-Lng-A-T	88	chr2:69855450-69855550
chr2	69857650	69857750	1090-Lng-A-T	609	chr2:69857650-69857750
chr2	69860650	69860750	1223-Lng-A-T	66	chr2:69860650-69860750
chr2	69921150	69921250	1100-Lng-A-T	92	chr2:69921150-69921250
chr2	70044750	70044850	1167-Lng-A-T	45	chr2:70044750-70044850
chr2	70097350	70097450	1167-Lng-A-T	73	chr2:70097350-70097450
chr2	70240350	70240450	901-Lng-A-T	430	chr2:70240350-70240450
chr2	70302050	70302150	1188-Lng-A-T	64	chr2:70302050-70302150
chr2	70328050	70328150	1188-Lng-A-T	51	chr2:70328050-70328150
chr2	70328850	70328950	1065-Lng-B-T	56	chr2:70328850-70328950
chr2	70425150	70425250	1065-Lng-C-T	74	chr2:70425150-70425250
chr2	70468250	70468350	1090-Lng-A-T	62	chr2:70468250-70468350
chr2	70505750	70505850	1223-Lng-D-T	41	chr2:70505750-70505850
chr2	70524050	70524150	901-Lng-B-T	76	chr2:70524050-70524150
chr2	70557950	70558050	1223-Lng-B-T	36	chr2:70557950-70558050
chr2	70565250	70565350	1223-Lng-B-T	45	chr2:70565250-70565350
chr2	70600350	70600450	1274-Lng-A-T	97	chr2:70600350-70600450
chr2	70662550	70662650	1065-Lng-A-T	116	chr2:70662550-70662650
chr2	70784050	70784150	901-Lng-C-T	198	chr2:70784050-70784150
chr2	70826850	70826950	901-Lng-A-T	362	chr2:70826850-70826950
chr2	70883950	70884050	1223-Lng-D-T	40	chr2:70883950-70884050
chr2	70913050	70913150	1167-Lng-A-T	103	chr2:70913050-70913150
chr2	70918550	70918650	901-Lng-C-T	56	chr2:70918550-70918650
chr2	70985750	70985850	1274-Lng-A-T	103	chr2:70985750-70985850
chr2	70992950	70993050	1065-Lng-A-T	80	chr2:70992950-70993050
chr2	71072150	71072250	1188-Lng-A-T	42	chr2:71072150-71072250
chr2	71099350	71099450	1065-Lng-B-T	58	chr2:71099350-71099450
chr2	71114650	71114750	1065-Lng-B-T	121	chr2:71114650-71114750
chr2	71121550	71121650	901-Lng-A-T	50	chr2:71121550-71121650
chr2	71168650	71168750	901-Lng-A-T	94	chr2:71168650-71168750
chr2	71266550	71266650	1223-Lng-D-T	63	chr2:71266550-71266650
chr2	71401050	71401150	901-Lng-B-T	167	chr2:71401050-71401150
chr2	71573350	71573450	1167-Lng-A-T	96	chr2:71573350-71573450
chr2	71580450	71580550	846-Lng-A-T	74	chr2:71580450-71580550
chr2	71598650	71598750	1090-Lng-A-T	53	chr2:71598650-71598750
chr2	71659550	71659650	1223-Lng-A-T	189	chr2:71659550-71659650
chr2	72139150	72139250	1090-Lng-A-T	93	chr2:72139150-72139250

Table S2: SB Insertion regions

chr2	72201850	72201950	1152-Lng-A-T	64	chr2:72201850-72201950
chr2	72242250	72242350	901-Lng-C-T	47	chr2:72242250-72242350
chr2	72260850	72260950	1223-Lng-C-T	46	chr2:72260850-72260950
chr2	72273050	72273150	901-Lng-C-T	65	chr2:72273050-72273150
chr2	72411150	72411250	1065-Lng-B-T	266	chr2:72411150-72411250
chr2	72689550	72689650	901-Lng-B-T	83	chr2:72689550-72689650
chr2	72793050	72793150	1167-Lng-A-T	1120	chr2:72793050-72793150
chr2	72802450	72802550	1151-Lng-A-T	73	chr2:72802450-72802550
chr2	72881450	72881550	1151-Lng-A-T	68	chr2:72881450-72881550
chr2	72938350	72938450	1151-Lng-A-T	63	chr2:72938350-72938450
chr2	72998250	72998350	901-Lng-A-T	70	chr2:72998250-72998350
chr2	73077650	73077750	901-Lng-A-T	52	chr2:73077650-73077750
chr2	73171650	73171750	1167-Lng-A-T	69	chr2:73171650-73171750
chr2	73301450	73301550	1223-Lng-C-T	69	chr2:73301450-73301550
chr2	73353550	73353650	846-Lng-A-T	104	chr2:73353550-73353650
chr2	73369150	73369250	1152-Lng-A-T	44	chr2:73369150-73369250
chr2	73390250	73390350	1065-Lng-C-T	96	chr2:73390250-73390350
chr2	73409250	73409350	1223-Lng-A-T	158	chr2:73409250-73409350
chr2	73527650	73527750	901-Lng-B-T	49	chr2:73527650-73527750
chr2	73669550	73669650	1223-Lng-B-T	150	chr2:73669550-73669650
chr2	73671150	73671250	1065-Lng-A-T	80	chr2:73671150-73671250
chr2	73700150	73700250	1100-Lng-B-T	54	chr2:73700150-73700250
chr2	73700250	73700350	1188-Lng-A-T	43	chr2:73700250-73700350
chr2	73729150	73729250	1223-Lng-C-T	48	chr2:73729150-73729250
chr2	73745950	73746050	1188-Lng-A-T	61	chr2:73745950-73746050
chr2	73746550	73746650	1100-Lng-B-T	51	chr2:73746550-73746650
chr2	74257050	74257150	901-Lng-D-T	231	chr2:74257050-74257150
chr2	74352150	74352250	901-Lng-C-T	31	chr2:74352150-74352250
chr2	74615550	74615650	901-Lng-B-T	107	chr2:74615550-74615650
chr2	74684050	74684150	1274-Lng-A-T	126	chr2:74684050-74684150
chr2	74696850	74696950	1090-Lng-A-T	62	chr2:74696850-74696950
chr2	75120450	75120550	1090-Lng-A-T	53	chr2:75120450-75120550
chr2	75324150	75324250	1065-Lng-C-T	68	chr2:75324150-75324250
chr2	75517550	75517650	1152-Lng-A-T	99	chr2:75517550-75517650
chr2	75537250	75537350	1223-Lng-C-T	45	chr2:75537250-75537350
chr2	75694250	75694350	1065-Lng-B-T	94	chr2:75694250-75694350
chr2	75695650	75695750	901-Lng-D-T	249	chr2:75695650-75695750
chr2	75713350	75713450	1167-Lng-A-T	123	chr2:75713350-75713450
chr2	75718750	75718850	1090-Lng-A-T	59	chr2:75718750-75718850
chr2	75767050	75767150	1065-Lng-B-T	64	chr2:75767050-75767150
chr2	76014950	76015050	901-Lng-A-T	466	chr2:76014950-76015050
chr2	76143750	76143850	901-Lng-B-T	206	chr2:76143750-76143850
chr2	76213950	76214050	901-Lng-A-T	120	chr2:76213950-76214050
chr2	76268750	76268850	1223-Lng-C-T	45	chr2:76268750-76268850
chr2	76275650	76275750	1274-Lng-A-T	64	chr2:76275650-76275750
chr2	76313350	76313450	1167-Lng-A-T	57	chr2:76313350-76313450

Table S2: SB Insertion regions

chr2	76335850	76335950	1100-Lng-B-T	312	chr2:76335850-76335950
chr2	76353750	76353850	1274-Lng-A-T	103	chr2:76353750-76353850
chr2	76398050	76398150	1065-Lng-B-T	46	chr2:76398050-76398150
chr2	76509950	76510050	1100-Lng-B-T	61	chr2:76509950-76510050
chr2	76746350	76746450	1065-Lng-A-T	89	chr2:76746350-76746450
chr2	76870150	76870250	1223-Lng-B-T	34	chr2:76870150-76870250
chr2	76961550	76961650	1167-Lng-A-T	60	chr2:76961550-76961650
chr2	76967550	76967650	1274-Lng-A-T	50	chr2:76967550-76967650
chr2	76977050	76977150	901-Lng-D-T	355	chr2:76977050-76977150
chr2	77096050	77096150	1072-Lng-A-T	49	chr2:77096050-77096150
chr2	77259650	77259750	1100-Lng-A-T	75	chr2:77259650-77259750
chr2	77283350	77283450	1065-Lng-C-T	84	chr2:77283350-77283450
chr2	77333950	77334050	1100-Lng-B-T	55	chr2:77333950-77334050
chr2	77370350	77370450	1274-Lng-A-T	157	chr2:77370350-77370450
chr2	77432950	77433050	846-Lng-A-T	87	chr2:77432950-77433050
chr2	77739650	77739750	901-Lng-A-T	60	chr2:77739650-77739750
chr2	77745450	77745550	1223-Lng-C-T	93	chr2:77745450-77745550
chr2	77761350	77761450	901-Lng-B-T	41	chr2:77761350-77761450
chr2	77762950	77763050	1072-Lng-A-T	111	chr2:77762950-77763050
chr2	77775250	77775350	1065-Lng-B-T	45	chr2:77775250-77775350
chr2	77780150	77780250	1072-Lng-A-T	129	chr2:77780150-77780250
chr2	77783350	77783450	1167-Lng-A-T	78	chr2:77783350-77783450
chr2	77784650	77784750	1223-Lng-C-T	321	chr2:77784650-77784750
chr2	78086950	78087050	1100-Lng-B-T	74	chr2:78086950-78087050
chr2	78109750	78109850	901-Lng-A-T	60	chr2:78109750-78109850
chr2	78136950	78137050	1152-Lng-A-T	53	chr2:78136950-78137050
chr2	78162550	78162650	901-Lng-C-T	87	chr2:78162550-78162650
chr2	78294450	78294550	901-Lng-C-T	30	chr2:78294450-78294550
chr2	78312350	78312450	901-Lng-C-T	830	chr2:78312350-78312450
chr2	78762350	78762450	1223-Lng-A-T	83	chr2:78762350-78762450
chr2	78764250	78764350	1065-Lng-B-T	85	chr2:78764250-78764350
chr2	78781150	78781250	1065-Lng-B-T	81	chr2:78781150-78781250
chr2	78834250	78834350	1223-Lng-D-T	49	chr2:78834250-78834350
chr2	78883050	78883150	1274-Lng-A-T	174	chr2:78883050-78883150
chr2	78979950	78980050	901-Lng-A-T	52	chr2:78979950-78980050
chr2	79019250	79019350	1004-Lng-A-T	101	chr2:79019250-79019350
chr2	79353650	79353750	1223-Lng-B-T	129	chr2:79353650-79353750
chr2	79434650	79434750	901-Lng-C-T	312	chr2:79434650-79434750
chr2	79482450	79482550	1223-Lng-D-T	72	chr2:79482450-79482550
chr2	79628750	79628850	846-Lng-A-T	156	chr2:79628750-79628850
chr2	80045950	80046050	1100-Lng-B-T	55	chr2:80045950-80046050
chr2	80059150	80059250	1065-Lng-A-T	78	chr2:80059150-80059250
chr2	80153550	80153650	901-Lng-C-T	66	chr2:80153550-80153650
chr2	80165450	80165550	1072-Lng-A-T	82	chr2:80165450-80165550
chr2	80282150	80282250	1188-Lng-A-T	56	chr2:80282150-80282250
chr2	80348250	80348350	901-Lng-C-T	47	chr2:80348250-80348350

Table S2: SB Insertion regions

chr2	80366850	80366950	1090-Lng-A-T	347	chr2:80366850-80366950
chr2	80396650	80396750	1274-Lng-A-T	193	chr2:80396650-80396750
chr2	80401950	80402050	1223-Lng-B-T	203	chr2:80401950-80402050
chr2	80405350	80405450	1188-Lng-A-T	82	chr2:80405350-80405450
chr2	80407950	80408050	901-Lng-C-T	69	chr2:80407950-80408050
chr2	80839350	80839450	1152-Lng-A-T	73	chr2:80839350-80839450
chr2	80860450	80860550	1152-Lng-A-T	120	chr2:80860450-80860550
chr2	80983750	80983850	1090-Lng-A-T	67	chr2:80983750-80983850
chr2	81075050	81075150	1065-Lng-B-T	53	chr2:81075050-81075150
chr2	81186150	81186250	1065-Lng-A-T	102	chr2:81186150-81186250
chr2	81204150	81204250	1188-Lng-A-T	92	chr2:81204150-81204250
chr2	81877850	81877950	1152-Lng-A-T	103	chr2:81877850-81877950
chr2	82033350	82033450	1152-Lng-A-T	100	chr2:82033350-82033450
chr2	82054050	82054150	1065-Lng-A-T	89	chr2:82054050-82054150
chr2	82058350	82058450	1100-Lng-B-T	51	chr2:82058350-82058450
chr2	82127250	82127350	1100-Lng-B-T	50	chr2:82127250-82127350
chr2	82271950	82272050	1274-Lng-A-T	71	chr2:82271950-82272050
chr2	82425050	82425150	1223-Lng-C-T	78	chr2:82425050-82425150
chr2	82642250	82642350	901-Lng-A-T	65	chr2:82642250-82642350
chr2	83195050	83195150	901-Lng-A-T	70	chr2:83195050-83195150
chr2	83322550	83322650	1223-Lng-D-T	50	chr2:83322550-83322650
chr2	83490250	83490350	846-Lng-A-T	145	chr2:83490250-83490350
chr2	83669550	83669650	1152-Lng-A-T	49	chr2:83669550-83669650
chr2	83775650	83775750	901-Lng-D-T	38	chr2:83775650-83775750
chr2	84462350	84462450	1090-Lng-B-T	741	chr2:84462350-84462450
chr2	84483350	84483450	1223-Lng-A-T	158	chr2:84483350-84483450
chr2	84486150	84486250	901-Lng-A-T	87	chr2:84486150-84486250
chr2	84540750	84540850	1223-Lng-B-T	317	chr2:84540750-84540850
chr2	84547950	84548050	901-Lng-C-T	38	chr2:84547950-84548050
chr2	84628450	84628550	1274-Lng-A-T	51	chr2:84628450-84628550
chr2	84870450	84870550	901-Lng-C-T	73	chr2:84870450-84870550
chr2	85017050	85017150	901-Lng-A-T	144	chr2:85017050-85017150
chr2	85155450	85155550	901-Lng-D-T	133	chr2:85155450-85155550
chr2	85218050	85218150	1065-Lng-A-T	44	chr2:85218050-85218150
chr2	85489050	85489150	1223-Lng-B-T	39	chr2:85489050-85489150
chr2	86379650	86379750	901-Lng-B-T	209	chr2:86379650-86379750
chr2	86393150	86393250	1223-Lng-C-T	44	chr2:86393150-86393250
chr2	86502950	86503050	1004-Lng-A-T	57	chr2:86502950-86503050
chr2	86529650	86529750	901-Lng-B-T	90	chr2:86529650-86529750
chr2	86531750	86531850	901-Lng-B-T	125	chr2:86531750-86531850
chr2	86578450	86578550	1065-Lng-B-T	239	chr2:86578450-86578550
chr2	86592450	86592550	1004-Lng-A-T	384	chr2:86592450-86592550
chr2	86618850	86618950	1072-Lng-A-T	54	chr2:86618850-86618950
chr2	86762450	86762550	901-Lng-D-T	309	chr2:86762450-86762550
chr2	86823150	86823250	1004-Lng-A-T	79	chr2:86823150-86823250
chr2	86861650	86861750	1065-Lng-A-T	64	chr2:86861650-86861750

Table S2: SB Insertion regions

chr2	86979850	86979950	1188-Lng-A-T	112	chr2:86979850-86979950
chr2	87044950	87045050	1100-Lng-A-T	94	chr2:87044950-87045050
chr2	87285650	87285750	901-Lng-D-T	295	chr2:87285650-87285750
chr2	87441550	87441650	1152-Lng-A-T	37	chr2:87441550-87441650
chr2	87446550	87446650	1152-Lng-A-T	55	chr2:87446550-87446650
chr2	87837250	87837350	1274-Lng-A-T	141	chr2:87837250-87837350
chr2	87850650	87850750	1100-Lng-A-T	68	chr2:87850650-87850750
chr2	87874950	87875050	901-Lng-D-T	273	chr2:87874950-87875050
chr2	88075150	88075250	1152-Lng-A-T	193	chr2:88075150-88075250
chr2	88160150	88160250	846-Lng-A-T	50	chr2:88160150-88160250
chr2	88464450	88464550	901-Lng-C-T	214	chr2:88464450-88464550
chr2	88588550	88588650	1152-Lng-A-T	52	chr2:88588550-88588650
chr2	88931150	88931250	901-Lng-B-T	335	chr2:88931150-88931250
chr2	89013250	89013350	1188-Lng-A-T	44	chr2:89013250-89013350
chr2	89295350	89295450	1065-Lng-C-T	634	chr2:89295350-89295450
chr2	89350550	89350650	1151-Lng-A-T	65	chr2:89350550-89350650
chr2	89500750	89500850	901-Lng-A-T	58	chr2:89500750-89500850
chr2	89872050	89872150	1274-Lng-A-T	143	chr2:89872050-89872150
chr2	90382550	90382650	901-Lng-C-T	299	chr2:90382550-90382650
chr2	90437450	90437550	901-Lng-B-T	152	chr2:90437450-90437550
chr2	90699650	90699750	901-Lng-B-T	59	chr2:90699650-90699750
chr2	90715350	90715450	1188-Lng-A-T	34	chr2:90715350-90715450
chr2	90792750	90792850	1004-Lng-A-T	57	chr2:90792750-90792850
chr2	90815050	90815150	1072-Lng-A-T	100	chr2:90815050-90815150
chr2	90818150	90818250	1004-Lng-A-T	76	chr2:90818150-90818250
chr2	90822250	90822350	1223-Lng-D-T	215	chr2:90822250-90822350
chr2	90826650	90826750	1100-Lng-A-T	72	chr2:90826650-90826750
chr2	90966150	90966250	901-Lng-C-T	69	chr2:90966150-90966250
chr2	91017350	91017450	1065-Lng-A-T	95	chr2:91017350-91017450
chr2	91029850	91029950	1274-Lng-A-T	50	chr2:91029850-91029950
chr2	91058650	91058750	901-Lng-A-T	153	chr2:91058650-91058750
chr2	91215550	91215650	1065-Lng-B-T	45	chr2:91215550-91215650
chr2	91358650	91358750	1167-Lng-A-T	100	chr2:91358650-91358750
chr2	91463950	91464050	1223-Lng-D-T	64	chr2:91463950-91464050
chr2	91537350	91537450	1100-Lng-A-T	53	chr2:91537350-91537450
chr2	91578250	91578350	846-Lng-A-T	111	chr2:91578250-91578350
chr2	91581150	91581250	1065-Lng-C-T	138	chr2:91581150-91581250
chr2	91605650	91605750	1100-Lng-A-T	157	chr2:91605650-91605750
chr2	91617750	91617850	1004-Lng-A-T	62	chr2:91617750-91617850
chr2	91617850	91617950	1223-Lng-C-T	107	chr2:91617850-91617950
chr2	91657150	91657250	1223-Lng-C-T	53	chr2:91657150-91657250
chr2	91663650	91663750	1223-Lng-A-T	174	chr2:91663650-91663750
chr2	91690050	91690150	1151-Lng-A-T	143	chr2:91690050-91690150
chr2	91732850	91732950	1223-Lng-C-T	92	chr2:91732850-91732950
chr2	91747250	91747350	1223-Lng-C-T	47	chr2:91747250-91747350
chr2	91755350	91755450	1004-Lng-A-T	93	chr2:91755350-91755450

Table S2: SB Insertion regions

chr2	91842850	91842950	1004-Lng-A-T	246	chr2:91842850-91842950
chr2	91867550	91867650	1004-Lng-A-T	183	chr2:91867550-91867650
chr2	92028150	92028250	1065-Lng-A-T	985	chr2:92028150-92028250
chr2	92051050	92051150	1065-Lng-B-T	52	chr2:92051050-92051150
chr2	92051950	92052050	1100-Lng-A-T	148	chr2:92051950-92052050
chr2	92074150	92074250	1090-Lng-A-T	86	chr2:92074150-92074250
chr2	92090950	92091050	1274-Lng-A-T	58	chr2:92090950-92091050
chr2	92104050	92104150	1152-Lng-A-T	66	chr2:92104050-92104150
chr2	92119950	92120050	1274-Lng-A-T	145	chr2:92119950-92120050
chr2	92141050	92141150	1167-Lng-A-T	185	chr2:92141050-92141150
chr2	92145550	92145650	901-Lng-D-T	208	chr2:92145550-92145650
chr2	92201850	92201950	1223-Lng-D-T	40	chr2:92201850-92201950
chr2	92422950	92423050	1065-Lng-A-T	86	chr2:92422950-92423050
chr2	92556350	92556450	1152-Lng-A-T	102	chr2:92556350-92556450
chr2	92632150	92632250	901-Lng-B-T	102	chr2:92632150-92632250
chr2	92761650	92761750	901-Lng-A-T	117	chr2:92761650-92761750
chr2	93279750	93279850	1188-Lng-A-T	123	chr2:93279750-93279850
chr2	93296250	93296350	1274-Lng-A-T	53	chr2:93296250-93296350
chr2	93332650	93332750	1065-Lng-B-T	65	chr2:93332650-93332750
chr2	93384050	93384150	1274-Lng-A-T	135	chr2:93384050-93384150
chr2	93631550	93631650	901-Lng-A-T	77	chr2:93631550-93631650
chr2	93659350	93659450	1090-Lng-B-T	78	chr2:93659350-93659450
chr2	93953050	93953150	1090-Lng-A-T	93	chr2:93953050-93953150
chr2	94039450	94039550	1065-Lng-A-T	47	chr2:94039450-94039550
chr2	94141150	94141250	846-Lng-A-T	82	chr2:94141150-94141250
chr2	94146950	94147050	1065-Lng-B-T	53	chr2:94146950-94147050
chr2	94159850	94159950	1065-Lng-A-T	46	chr2:94159850-94159950
chr2	94188150	94188250	1167-Lng-A-T	150	chr2:94188150-94188250
chr2	94217850	94217950	1188-Lng-A-T	34	chr2:94217850-94217950
chr2	94254250	94254350	1274-Lng-A-T	78	chr2:94254250-94254350
chr2	94372750	94372850	1090-Lng-A-T	93	chr2:94372750-94372850
chr2	94534650	94534750	1223-Lng-D-T	46	chr2:94534650-94534750
chr2	94595150	94595250	1065-Lng-B-T	70	chr2:94595150-94595250
chr2	94718650	94718750	901-Lng-C-T	125	chr2:94718650-94718750
chr2	94785150	94785250	901-Lng-D-T	53	chr2:94785150-94785250
chr2	94899850	94899950	1065-Lng-A-T	40	chr2:94899850-94899950
chr2	95375250	95375350	1100-Lng-A-T	65	chr2:95375250-95375350
chr2	95484450	95484550	901-Lng-B-T	165	chr2:95484450-95484550
chr2	95791150	95791250	1090-Lng-A-T	51	chr2:95791150-95791250
chr2	96051750	96051850	1072-Lng-A-T	86	chr2:96051750-96051850
chr2	96151850	96151950	901-Lng-A-T	120	chr2:96151850-96151950
chr2	96162850	96162950	1090-Lng-B-T	656	chr2:96162850-96162950
chr2	96431150	96431250	1274-Lng-A-T	221	chr2:96431150-96431250
chr2	96468350	96468450	1152-Lng-A-T	109	chr2:96468350-96468450
chr2	96483250	96483350	901-Lng-A-T	522	chr2:96483250-96483350
chr2	96545850	96545950	901-Lng-A-T	79	chr2:96545850-96545950

Table S2: SB Insertion regions

chr2	96634150	96634250	1100-Lng-A-T	76	chr2:96634150-96634250
chr2	96635550	96635650	1090-Lng-A-T	51	chr2:96635550-96635650
chr2	96685750	96685850	1090-Lng-B-T	140	chr2:96685750-96685850
chr2	96879250	96879350	1188-Lng-A-T	48	chr2:96879250-96879350
chr2	96882450	96882550	1188-Lng-A-T	81	chr2:96882450-96882550
chr2	97360850	97360950	1065-Lng-A-T	46	chr2:97360850-97360950
chr2	97687450	97687550	1065-Lng-B-T	79	chr2:97687450-97687550
chr2	97714850	97714950	1090-Lng-B-T	83	chr2:97714850-97714950
chr2	97787250	97787350	1004-Lng-A-T	69	chr2:97787250-97787350
chr2	97845950	97846050	901-Lng-B-T	188	chr2:97845950-97846050
chr2	98502450	98502550	1065-Lng-B-T	52	chr2:98502450-98502550
chr2	98502450	98502550	846-Lng-A-T	65	chr2:98502450-98502550
chr2	98502550	98502650	1152-Lng-A-T	43	chr2:98502550-98502650
chr2	98502650	98502750	1004-Lng-A-T	68	chr2:98502650-98502750
chr2	98502650	98502750	1223-Lng-A-T	154	chr2:98502650-98502750
chr2	98502650	98502750	901-Lng-B-T	155	chr2:98502650-98502750
chr2	98502650	98502750	1223-Lng-C-T	87	chr2:98502650-98502750
chr2	98502650	98502750	1065-Lng-A-T	173	chr2:98502650-98502750
chr2	98502650	98502750	1065-Lng-B-T	71	chr2:98502650-98502750
chr2	98502650	98502750	1223-Lng-D-T	53	chr2:98502650-98502750
chr2	98502650	98502750	901-Lng-D-T	320	chr2:98502650-98502750
chr2	98502650	98502750	1065-Lng-C-T	243	chr2:98502650-98502750
chr2	98502650	98502750	846-Lng-A-T	95	chr2:98502650-98502750
chr2	98502650	98502750	1004-Lng-A-T	86	chr2:98502650-98502750
chr2	98502650	98502750	901-Lng-C-T	203	chr2:98502650-98502750
chr2	98502650	98502750	1152-Lng-A-T	289	chr2:98502650-98502750
chr2	98502650	98502750	1090-Lng-A-T	85	chr2:98502650-98502750
chr2	98502650	98502750	1065-Lng-B-T	148	chr2:98502650-98502750
chr2	98502650	98502750	1072-Lng-A-T	110	chr2:98502650-98502750
chr2	98502650	98502750	1065-Lng-C-T	120	chr2:98502650-98502750
chr2	98502650	98502750	1100-Lng-A-T	170	chr2:98502650-98502750
chr2	98502750	98502850	901-Lng-C-T	138	chr2:98502750-98502850
chr2	98502750	98502850	1065-Lng-A-T	38	chr2:98502750-98502850
chr2	98502750	98502850	901-Lng-A-T	248	chr2:98502750-98502850
chr2	98502750	98502850	1090-Lng-A-T	166	chr2:98502750-98502850
chr2	98502750	98502850	1065-Lng-B-T	46	chr2:98502750-98502850
chr2	98502750	98502850	1072-Lng-A-T	147	chr2:98502750-98502850
chr2	98502750	98502850	1167-Lng-A-T	45	chr2:98502750-98502850
chr2	98502750	98502850	901-Lng-B-T	116	chr2:98502750-98502850
chr2	98502750	98502850	1090-Lng-A-T	64	chr2:98502750-98502850
chr2	98502750	98502850	1065-Lng-B-T	294	chr2:98502750-98502850
chr2	98502750	98502850	1065-Lng-A-T	57	chr2:98502750-98502850
chr2	98502750	98502850	901-Lng-A-T	74	chr2:98502750-98502850
chr2	98502750	98502850	901-Lng-D-T	396	chr2:98502750-98502850
chr2	98502750	98502850	1065-Lng-C-T	150	chr2:98502750-98502850
chr2	98502750	98502850	1151-Lng-A-T	95	chr2:98502750-98502850

Table S2: SB Insertion regions

chr2	98502750	98502850	1004-Lng-A-T	282	chr2:98502750-98502850
chr2	98502850	98502950	1090-Lng-A-T	46	chr2:98502850-98502950
chr2	98502850	98502950	1065-Lng-B-T	144	chr2:98502850-98502950
chr2	98502850	98502950	1072-Lng-A-T	115	chr2:98502850-98502950
chr2	98502850	98502950	901-Lng-D-T	141	chr2:98502850-98502950
chr2	98502850	98502950	1065-Lng-C-T	115	chr2:98502850-98502950
chr2	98502850	98502950	1100-Lng-A-T	58	chr2:98502850-98502950
chr2	98502850	98502950	1004-Lng-A-T	125	chr2:98502850-98502950
chr2	98502850	98502950	1065-Lng-A-T	180	chr2:98502850-98502950
chr2	98502850	98502950	901-Lng-A-T	212	chr2:98502850-98502950
chr2	98502850	98502950	1072-Lng-A-T	96	chr2:98502850-98502950
chr2	98502850	98502950	1065-Lng-C-T	147	chr2:98502850-98502950
chr2	98502850	98502950	846-Lng-A-T	367	chr2:98502850-98502950
chr2	98502950	98503050	1152-Lng-A-T	95	chr2:98502950-98503050
chr2	98502950	98503050	901-Lng-B-T	183	chr2:98502950-98503050
chr2	98502950	98503050	901-Lng-A-T	129	chr2:98502950-98503050
chr2	98502950	98503050	1065-Lng-C-T	179	chr2:98502950-98503050
chr2	98502950	98503050	846-Lng-A-T	286	chr2:98502950-98503050
chr2	98502950	98503050	901-Lng-C-T	41	chr2:98502950-98503050
chr2	98502950	98503050	1090-Lng-A-T	104	chr2:98502950-98503050
chr2	98502950	98503050	1065-Lng-B-T	196	chr2:98502950-98503050
chr2	98502950	98503050	1223-Lng-C-T	69	chr2:98502950-98503050
chr2	98502950	98503050	1072-Lng-A-T	104	chr2:98502950-98503050
chr2	98502950	98503050	1065-Lng-C-T	107	chr2:98502950-98503050
chr2	98502950	98503050	901-Lng-D-T	184	chr2:98502950-98503050
chr2	98502950	98503050	1223-Lng-D-T	43	chr2:98502950-98503050
chr2	98502950	98503050	1004-Lng-A-T	355	chr2:98502950-98503050
chr2	98502950	98503050	1090-Lng-B-T	580	chr2:98502950-98503050
chr2	98502950	98503050	1223-Lng-B-T	53	chr2:98502950-98503050
chr2	98502950	98503050	901-Lng-C-T	40	chr2:98502950-98503050
chr2	98503950	98504050	1065-Lng-B-T	69	chr2:98503950-98504050
chr2	98504050	98504150	1065-Lng-C-T	89	chr2:98504050-98504150
chr2	98504050	98504150	901-Lng-C-T	36	chr2:98504050-98504150
chr2	98505050	98505150	901-Lng-A-T	81	chr2:98505050-98505150
chr2	98505050	98505150	1072-Lng-A-T	87	chr2:98505050-98505150
chr2	98505050	98505150	901-Lng-A-T	82	chr2:98505050-98505150
chr2	98505050	98505150	1065-Lng-C-T	155	chr2:98505050-98505150
chr2	98505050	98505150	846-Lng-A-T	149	chr2:98505050-98505150
chr2	98505150	98505250	846-Lng-A-T	176	chr2:98505150-98505250
chr2	98505150	98505250	1065-Lng-B-T	79	chr2:98505150-98505250
chr2	98505350	98505450	1065-Lng-B-T	55	chr2:98505350-98505450
chr2	98505350	98505450	1065-Lng-C-T	187	chr2:98505350-98505450
chr2	98505350	98505450	1090-Lng-A-T	70	chr2:98505350-98505450
chr2	98505350	98505450	1223-Lng-C-T	53	chr2:98505350-98505450
chr2	98505350	98505450	1090-Lng-B-T	325	chr2:98505350-98505450
chr2	98505350	98505450	1152-Lng-A-T	77	chr2:98505350-98505450

Table S2: SB Insertion regions

chr2	98505350	98505450	901-Lng-A-T	86	chr2:98505350-98505450
chr2	98505350	98505450	1223-Lng-A-T	186	chr2:98505350-98505450
chr2	98505350	98505450	1274-Lng-A-T	72	chr2:98505350-98505450
chr2	98506350	98506450	1065-Lng-A-T	74	chr2:98506350-98506450
chr2	98506350	98506450	1004-Lng-A-T	153	chr2:98506350-98506450
chr2	98506350	98506450	1223-Lng-B-T	39	chr2:98506350-98506450
chr2	98506350	98506450	1065-Lng-B-T	205	chr2:98506350-98506450
chr2	98506350	98506450	1065-Lng-C-T	96	chr2:98506350-98506450
chr2	98506350	98506450	1072-Lng-A-T	60	chr2:98506350-98506450
chr2	98506350	98506450	1065-Lng-A-T	101	chr2:98506350-98506450
chr2	98506350	98506450	901-Lng-C-T	94	chr2:98506350-98506450
chr2	98506450	98506550	1065-Lng-C-T	127	chr2:98506450-98506550
chr2	98506450	98506550	1072-Lng-A-T	64	chr2:98506450-98506550
chr2	98506450	98506550	1151-Lng-A-T	81	chr2:98506450-98506550
chr2	98506450	98506550	1274-Lng-A-T	49	chr2:98506450-98506550
chr2	98506450	98506550	1090-Lng-A-T	167	chr2:98506450-98506550
chr2	98506450	98506550	1100-Lng-B-T	62	chr2:98506450-98506550
chr2	98506450	98506550	846-Lng-A-T	231	chr2:98506450-98506550
chr2	98506450	98506550	1004-Lng-A-T	276	chr2:98506450-98506550
chr2	98506550	98506650	1152-Lng-A-T	38	chr2:98506550-98506650
chr2	98506550	98506650	1065-Lng-A-T	85	chr2:98506550-98506650
chr2	98506550	98506650	1004-Lng-A-T	96	chr2:98506550-98506650
chr2	98506550	98506650	901-Lng-C-T	57	chr2:98506550-98506650
chr2	98506550	98506650	1065-Lng-C-T	202	chr2:98506550-98506650
chr2	98506550	98506650	1100-Lng-A-T	57	chr2:98506550-98506650
chr2	98506550	98506650	1065-Lng-B-T	102	chr2:98506550-98506650
chr2	98506650	98506750	901-Lng-A-T	68	chr2:98506650-98506750
chr2	98506650	98506750	1100-Lng-B-T	61	chr2:98506650-98506750
chr2	98506650	98506750	901-Lng-D-T	137	chr2:98506650-98506750
chr2	98506650	98506750	846-Lng-A-T	147	chr2:98506650-98506750
chr2	98506650	98506750	1223-Lng-D-T	45	chr2:98506650-98506750
chr2	98506650	98506750	1065-Lng-B-T	93	chr2:98506650-98506750
chr2	98506650	98506750	1072-Lng-A-T	72	chr2:98506650-98506750
chr2	98506650	98506750	1065-Lng-A-T	167	chr2:98506650-98506750
chr2	98506650	98506750	901-Lng-B-T	254	chr2:98506650-98506750
chr2	98506650	98506750	1223-Lng-C-T	60	chr2:98506650-98506750
chr2	98506650	98506750	1004-Lng-A-T	241	chr2:98506650-98506750
chr2	98506650	98506750	901-Lng-C-T	67	chr2:98506650-98506750
chr2	98506650	98506750	1274-Lng-A-T	106	chr2:98506650-98506750
chr2	98506650	98506750	1065-Lng-C-T	148	chr2:98506650-98506750
chr2	98506850	98506950	901-Lng-B-T	53	chr2:98506850-98506950
chr2	98506850	98506950	1004-Lng-A-T	50	chr2:98506850-98506950
chr2	98506850	98506950	1065-Lng-B-T	89	chr2:98506850-98506950
chr2	98506950	98507050	1004-Lng-A-T	79	chr2:98506950-98507050
chr2	98507050	98507150	1004-Lng-A-T	65	chr2:98507050-98507150
chr2	98507050	98507150	901-Lng-D-T	145	chr2:98507050-98507150

Table S2: SB Insertion regions

chr2	98507150	98507250	1223-Lng-B-T	44	chr2:98507150-98507250
chr2	98507250	98507350	1090-Lng-A-T	168	chr2:98507250-98507350
chr2	98507250	98507350	901-Lng-C-T	65	chr2:98507250-98507350
chr2	98507250	98507350	1065-Lng-B-T	232	chr2:98507250-98507350
chr2	98507250	98507350	1065-Lng-C-T	299	chr2:98507250-98507350
chr2	98507250	98507350	1152-Lng-A-T	32	chr2:98507250-98507350
chr2	98507250	98507350	901-Lng-A-T	120	chr2:98507250-98507350
chr2	98507250	98507350	901-Lng-B-T	85	chr2:98507250-98507350
chr2	98507250	98507350	1004-Lng-A-T	173	chr2:98507250-98507350
chr2	98507250	98507350	846-Lng-A-T	59	chr2:98507250-98507350
chr2	98507250	98507350	1167-Lng-A-T	49	chr2:98507250-98507350
chr2	98507250	98507350	901-Lng-A-T	134	chr2:98507250-98507350
chr2	98507250	98507350	901-Lng-B-T	299	chr2:98507250-98507350
chr2	98507350	98507450	1065-Lng-A-T	63	chr2:98507350-98507450
chr2	98507350	98507450	1004-Lng-A-T	114	chr2:98507350-98507450
chr2	98507350	98507450	846-Lng-A-T	49	chr2:98507350-98507450
chr2	98507350	98507450	901-Lng-B-T	208	chr2:98507350-98507450
chr2	98507350	98507450	1065-Lng-B-T	128	chr2:98507350-98507450
chr2	98507350	98507450	1065-Lng-C-T	126	chr2:98507350-98507450
chr2	98510150	98510250	1152-Lng-A-T	89	chr2:98510150-98510250
chr2	98559350	98559450	1152-Lng-A-T	91	chr2:98559350-98559450
chr2	98747450	98747550	1065-Lng-A-T	37	chr2:98747450-98747550
chr2	98775150	98775250	1100-Lng-A-T	133	chr2:98775150-98775250
chr2	98829650	98829750	1100-Lng-A-T	120	chr2:98829650-98829750
chr2	98908650	98908750	1004-Lng-A-T	113	chr2:98908650-98908750
chr2	98931150	98931250	1100-Lng-A-T	52	chr2:98931150-98931250
chr2	99023550	99023650	1065-Lng-B-T	55	chr2:99023550-99023650
chr2	99230250	99230350	1065-Lng-C-T	65	chr2:99230250-99230350
chr2	99513450	99513550	1065-Lng-C-T	81	chr2:99513450-99513550
chr2	99607950	99608050	1223-Lng-C-T	50	chr2:99607950-99608050
chr2	99680750	99680850	1065-Lng-A-T	57	chr2:99680750-99680850
chr2	99770450	99770550	1100-Lng-A-T	67	chr2:99770450-99770550
chr2	100100750	100100850	1090-Lng-A-T	103	chr2:100100750-100100850
chr2	100206650	100206750	1100-Lng-A-T	58	chr2:100206650-100206750
chr2	100238150	100238250	1004-Lng-A-T	178	chr2:100238150-100238250
chr2	100253550	100253650	1090-Lng-A-T	65	chr2:100253550-100253650
chr2	100624650	100624750	1090-Lng-A-T	90	chr2:100624650-100624750
chr2	100732550	100732650	1065-Lng-A-T	63	chr2:100732550-100732650
chr2	100943250	100943350	1065-Lng-C-T	101	chr2:100943250-100943350
chr2	101054450	101054550	846-Lng-A-T	67	chr2:101054450-101054550
chr2	101310650	101310750	1065-Lng-C-T	83	chr2:101310650-101310750
chr2	101366250	101366350	1188-Lng-A-T	35	chr2:101366250-101366350
chr2	101436850	101436950	1065-Lng-B-T	75	chr2:101436850-101436950
chr2	101460850	101460950	1072-Lng-A-T	174	chr2:101460850-101460950
chr2	101494650	101494750	901-Lng-B-T	157	chr2:101494650-101494750
chr2	101775550	101775650	1274-Lng-A-T	280	chr2:101775550-101775650

Table S2: SB Insertion regions

chr2	101793350	101793450	1090-Lng-A-T	639	chr2:101793350-101793450
chr2	102158050	102158150	901-Lng-C-T	62	chr2:102158050-102158150
chr2	102200650	102200750	1223-Lng-D-T	60	chr2:102200650-102200750
chr2	102217850	102217950	1152-Lng-A-T	98	chr2:102217850-102217950
chr2	102225050	102225150	1151-Lng-A-T	60	chr2:102225050-102225150
chr2	102249150	102249250	1167-Lng-A-T	51	chr2:102249150-102249250
chr2	102658550	102658650	1004-Lng-A-T	1356	chr2:102658550-102658650
chr2	102709250	102709350	846-Lng-A-T	179	chr2:102709250-102709350
chr2	102857550	102857650	1072-Lng-A-T	99	chr2:102857550-102857650
chr2	102876850	102876950	1151-Lng-A-T	367	chr2:102876850-102876950
chr2	102891150	102891250	1188-Lng-A-T	73	chr2:102891150-102891250
chr2	102918050	102918150	846-Lng-A-T	57	chr2:102918050-102918150
chr2	102962150	102962250	1223-Lng-C-T	75	chr2:102962150-102962250
chr2	103093850	103093950	1090-Lng-A-T	1034	chr2:103093850-103093950
chr2	103095850	103095950	1152-Lng-A-T	74	chr2:103095850-103095950
chr2	103142650	103142750	1167-Lng-A-T	2341	chr2:103142650-103142750
chr2	103229850	103229950	1151-Lng-A-T	60	chr2:103229850-103229950
chr2	103281950	103282050	1065-Lng-A-T	63	chr2:103281950-103282050
chr2	103288350	103288450	1065-Lng-C-T	71	chr2:103288350-103288450
chr2	103361050	103361150	1065-Lng-C-T	388	chr2:103361050-103361150
chr2	103595350	103595450	1223-Lng-D-T	125	chr2:103595350-103595450
chr2	103606050	103606150	901-Lng-A-T	82	chr2:103606050-103606150
chr2	103632050	103632150	1223-Lng-A-T	215	chr2:103632050-103632150
chr2	103812650	103812750	1223-Lng-A-T	92	chr2:103812650-103812750
chr2	103881950	103882050	1100-Lng-A-T	85	chr2:103881950-103882050
chr2	104060950	104061050	1151-Lng-A-T	224	chr2:104060950-104061050
chr2	104245250	104245350	1100-Lng-A-T	75	chr2:104245250-104245350
chr2	104262950	104263050	1090-Lng-A-T	69	chr2:104262950-104263050
chr2	104282650	104282750	1223-Lng-B-T	73	chr2:104282650-104282750
chr2	104322350	104322450	1100-Lng-A-T	83	chr2:104322350-104322450
chr2	104350650	104350750	901-Lng-C-T	57	chr2:104350650-104350750
chr2	104421150	104421250	1274-Lng-A-T	62	chr2:104421150-104421250
chr2	104421150	104421250	1188-Lng-A-T	78	chr2:104421150-104421250
chr2	104434350	104434450	1274-Lng-A-T	50	chr2:104434350-104434450
chr2	104443950	104444050	901-Lng-A-T	52	chr2:104443950-104444050
chr2	104448650	104448750	901-Lng-C-T	35	chr2:104448650-104448750
chr2	104464350	104464450	1274-Lng-A-T	129	chr2:104464350-104464450
chr2	104466950	104467050	1100-Lng-B-T	64	chr2:104466950-104467050
chr2	104470850	104470950	1223-Lng-D-T	367	chr2:104470850-104470950
chr2	104496150	104496250	901-Lng-A-T	92	chr2:104496150-104496250
chr2	104578750	104578850	1223-Lng-D-T	110	chr2:104578750-104578850
chr2	104617350	104617450	1274-Lng-A-T	100	chr2:104617350-104617450
chr2	105032750	105032850	901-Lng-A-T	53	chr2:105032750-105032850
chr2	105092950	105093050	1065-Lng-B-T	86	chr2:105092950-105093050
chr2	105095150	105095250	1152-Lng-A-T	65	chr2:105095150-105095250
chr2	105138450	105138550	901-Lng-C-T	80	chr2:105138450-105138550

Table S2: SB Insertion regions

chr2	105209450	105209550	1090-Lng-B-T	567	chr2:105209450-105209550
chr2	105442550	105442650	1274-Lng-A-T	75	chr2:105442550-105442650
chr2	105461250	105461350	1065-Lng-C-T	71	chr2:105461250-105461350
chr2	105558250	105558350	1151-Lng-A-T	793	chr2:105558250-105558350
chr2	105633550	105633650	1152-Lng-A-T	64	chr2:105633550-105633650
chr2	105637850	105637950	1065-Lng-A-T	51	chr2:105637850-105637950
chr2	106585850	106585950	1065-Lng-A-T	67	chr2:106585850-106585950
chr2	106699450	106699550	1065-Lng-C-T	164	chr2:106699450-106699550
chr2	106856850	106856950	1072-Lng-A-T	117	chr2:106856850-106856950
chr2	106917150	106917250	1152-Lng-A-T	35	chr2:106917150-106917250
chr2	106999850	106999950	1072-Lng-A-T	139	chr2:106999850-106999950
chr2	107154950	107155050	901-Lng-D-T	128	chr2:107154950-107155050
chr2	107198150	107198250	1223-Lng-B-T	40	chr2:107198150-107198250
chr2	107262450	107262550	1223-Lng-C-T	51	chr2:107262450-107262550
chr2	107413150	107413250	1151-Lng-A-T	55	chr2:107413150-107413250
chr2	107666650	107666750	1223-Lng-B-T	52	chr2:107666650-107666750
chr2	107993750	107993850	1152-Lng-A-T	40	chr2:107993750-107993850
chr2	108021350	108021450	1152-Lng-A-T	72	chr2:108021350-108021450
chr2	108026850	108026950	1188-Lng-A-T	55	chr2:108026850-108026950
chr2	108070750	108070850	846-Lng-A-T	60	chr2:108070750-108070850
chr2	108152550	108152650	1065-Lng-C-T	80	chr2:108152550-108152650
chr2	108191450	108191550	1100-Lng-A-T	88	chr2:108191450-108191550
chr2	108251150	108251250	1065-Lng-B-T	65	chr2:108251150-108251250
chr2	108350150	108350250	901-Lng-B-T	129	chr2:108350150-108350250
chr2	108507650	108507750	1072-Lng-A-T	133	chr2:108507650-108507750
chr2	108852550	108852650	1274-Lng-A-T	86	chr2:108852550-108852650
chr2	108890150	108890250	1223-Lng-B-T	162	chr2:108890150-108890250
chr2	108924350	108924450	1152-Lng-A-T	100	chr2:108924350-108924450
chr2	109008050	109008150	901-Lng-D-T	295	chr2:109008050-109008150
chr2	109055350	109055450	1223-Lng-A-T	1183	chr2:109055350-109055450
chr2	109117050	109117150	1151-Lng-A-T	62	chr2:109117050-109117150
chr2	109572150	109572250	901-Lng-C-T	40	chr2:109572150-109572250
chr2	109596650	109596750	901-Lng-A-T	466	chr2:109596650-109596750
chr2	109769850	109769950	1090-Lng-A-T	46	chr2:109769850-109769950
chr2	109941850	109941950	901-Lng-A-T	579	chr2:109941850-109941950
chr2	110479050	110479150	1223-Lng-C-T	57	chr2:110479050-110479150
chr2	111002650	111002750	846-Lng-A-T	1673	chr2:111002650-111002750
chr2	111160750	111160850	1065-Lng-A-T	77	chr2:111160750-111160850
chr2	111257350	111257450	1004-Lng-A-T	58	chr2:111257350-111257450
chr2	111331650	111331750	1065-Lng-A-T	48	chr2:111331650-111331750
chr2	111463050	111463150	1090-Lng-A-T	89	chr2:111463050-111463150
chr2	111574750	111574850	1065-Lng-A-T	38	chr2:111574750-111574850
chr2	111591750	111591850	1072-Lng-A-T	59	chr2:111591750-111591850
chr2	111721850	111721950	1090-Lng-B-T	837	chr2:111721850-111721950
chr2	112087750	112087850	1065-Lng-B-T	80	chr2:112087750-112087850
chr2	112097750	112097850	1188-Lng-A-T	48	chr2:112097750-112097850

Table S2: SB Insertion regions

chr2	112129150	112129250	1090-Lng-A-T	721	chr2:112129150-112129250
chr2	112137650	112137750	1065-Lng-A-T	60	chr2:112137650-112137750
chr2	112205650	112205750	1065-Lng-A-T	55	chr2:112205650-112205750
chr2	112223450	112223550	1167-Lng-A-T	75	chr2:112223450-112223550
chr2	112232550	112232650	1004-Lng-A-T	57	chr2:112232550-112232650
chr2	112237050	112237150	1151-Lng-A-T	74	chr2:112237050-112237150
chr2	112284750	112284850	901-Lng-B-T	202	chr2:112284750-112284850
chr2	112889950	112890050	1100-Lng-A-T	58	chr2:112889950-112890050
chr2	113252550	113252650	1167-Lng-A-T	84	chr2:113252550-113252650
chr2	113401250	113401350	1152-Lng-A-T	63	chr2:113401250-113401350
chr2	113483850	113483950	846-Lng-A-T	116	chr2:113483850-113483950
chr2	113510150	113510250	901-Lng-A-T	105	chr2:113510150-113510250
chr2	113838250	113838350	1223-Lng-B-T	197	chr2:113838250-113838350
chr2	113865050	113865150	1274-Lng-A-T	63	chr2:113865050-113865150
chr2	113988550	113988650	1274-Lng-A-T	130	chr2:113988550-113988650
chr2	113998450	113998550	901-Lng-B-T	140	chr2:113998450-113998550
chr2	114159250	114159350	1065-Lng-A-T	40	chr2:114159250-114159350
chr2	114211350	114211450	1065-Lng-C-T	101	chr2:114211350-114211450
chr2	114403750	114403850	1223-Lng-B-T	35	chr2:114403750-114403850
chr2	114531350	114531450	901-Lng-D-T	220	chr2:114531350-114531450
chr2	114596950	114597050	901-Lng-A-T	112	chr2:114596950-114597050
chr2	114609550	114609650	1065-Lng-C-T	63	chr2:114609550-114609650
chr2	115002150	115002250	1274-Lng-A-T	67	chr2:115002150-115002250
chr2	115014650	115014750	1065-Lng-C-T	85	chr2:115014650-115014750
chr2	115134050	115134150	1223-Lng-A-T	99	chr2:115134050-115134150
chr2	115195850	115195950	1072-Lng-A-T	57	chr2:115195850-115195950
chr2	115266350	115266450	1223-Lng-C-T	153	chr2:115266350-115266450
chr2	115594050	115594150	1152-Lng-A-T	65	chr2:115594050-115594150
chr2	115616350	115616450	1004-Lng-A-T	73	chr2:115616350-115616450
chr2	116266050	116266150	901-Lng-B-T	118	chr2:116266050-116266150
chr2	116640850	116640950	901-Lng-C-T	61	chr2:116640850-116640950
chr2	116749750	116749850	1065-Lng-B-T	67	chr2:116749750-116749850
chr2	116831350	116831450	1004-Lng-A-T	116	chr2:116831350-116831450
chr2	116858150	116858250	901-Lng-A-T	56	chr2:116858150-116858250
chr2	116957050	116957150	1100-Lng-A-T	105	chr2:116957050-116957150
chr2	116965650	116965750	1065-Lng-A-T	39	chr2:116965650-116965750
chr2	116989550	116989650	1274-Lng-A-T	54	chr2:116989550-116989650
chr2	116992950	116993050	1065-Lng-C-T	69	chr2:116992950-116993050
chr2	117230150	117230250	1274-Lng-A-T	92	chr2:117230150-117230250
chr2	117520050	117520150	1151-Lng-A-T	100	chr2:117520050-117520150
chr2	117550250	117550350	901-Lng-B-T	208	chr2:117550250-117550350
chr2	117726450	117726550	1188-Lng-A-T	39	chr2:117726450-117726550
chr2	117741950	117742050	901-Lng-B-T	133	chr2:117741950-117742050
chr2	118025950	118026050	1223-Lng-A-T	164	chr2:118025950-118026050
chr2	118218450	118218550	1274-Lng-A-T	92	chr2:118218450-118218550
chr2	118225650	118225750	1274-Lng-A-T	101	chr2:118225650-118225750

Table S2: SB Insertion regions

chr2	118349650	118349750	1100-Lng-A-T	58	chr2:118349650-118349750
chr2	118419350	118419450	901-Lng-C-T	62	chr2:118419350-118419450
chr2	118751550	118751650	1167-Lng-A-T	64	chr2:118751550-118751650
chr2	118789050	118789150	1072-Lng-A-T	71	chr2:118789050-118789150
chr2	118921650	118921750	1152-Lng-A-T	44	chr2:118921650-118921750
chr2	118962950	118963050	1072-Lng-A-T	87	chr2:118962950-118963050
chr2	119031450	119031550	1065-Lng-B-T	236	chr2:119031450-119031550
chr2	119038750	119038850	1100-Lng-A-T	95	chr2:119038750-119038850
chr2	119232150	119232250	1004-Lng-A-T	79	chr2:119232150-119232250
chr2	119258250	119258350	1274-Lng-A-T	68	chr2:119258250-119258350
chr2	119267650	119267750	846-Lng-A-T	397	chr2:119267650-119267750
chr2	119281250	119281350	1152-Lng-A-T	77	chr2:119281250-119281350
chr2	119300550	119300650	1223-Lng-B-T	46	chr2:119300550-119300650
chr2	119381550	119381650	1100-Lng-A-T	105	chr2:119381550-119381650
chr2	119393650	119393750	1065-Lng-A-T	70	chr2:119393650-119393750
chr2	119396950	119397050	1188-Lng-A-T	50	chr2:119396950-119397050
chr2	119418350	119418450	1100-Lng-A-T	51	chr2:119418350-119418450
chr2	119422050	119422150	1167-Lng-A-T	98	chr2:119422050-119422150
chr2	119424750	119424850	1274-Lng-A-T	81	chr2:119424750-119424850
chr2	119429750	119429850	1223-Lng-D-T	42	chr2:119429750-119429850
chr2	119624950	119625050	1151-Lng-A-T	118	chr2:119624950-119625050
chr2	119675950	119676050	901-Lng-A-T	156	chr2:119675950-119676050
chr2	119730550	119730650	1167-Lng-A-T	138	chr2:119730550-119730650
chr2	119737150	119737250	1004-Lng-A-T	78	chr2:119737150-119737250
chr2	119817350	119817450	1151-Lng-A-T	62	chr2:119817350-119817450
chr2	119932550	119932650	1090-Lng-B-T	180	chr2:119932550-119932650
chr2	119933850	119933950	1152-Lng-A-T	47	chr2:119933850-119933950
chr2	119949150	119949250	1223-Lng-C-T	69	chr2:119949150-119949250
chr2	119949650	119949750	1065-Lng-C-T	2561	chr2:119949650-119949750
chr2	119952250	119952350	1223-Lng-B-T	122	chr2:119952250-119952350
chr2	119978450	119978550	901-Lng-D-T	73	chr2:119978450-119978550
chr2	120174450	120174550	1274-Lng-A-T	119	chr2:120174450-120174550
chr2	120174750	120174850	1100-Lng-A-T	103	chr2:120174750-120174850
chr2	120188050	120188150	1151-Lng-A-T	179	chr2:120188050-120188150
chr2	120260250	120260350	1188-Lng-A-T	86	chr2:120260250-120260350
chr2	120325650	120325750	1100-Lng-A-T	66	chr2:120325650-120325750
chr2	120370750	120370850	1274-Lng-A-T	118	chr2:120370750-120370850
chr2	120395950	120396050	901-Lng-D-T	49	chr2:120395950-120396050
chr2	120395950	120396050	901-Lng-C-T	42	chr2:120395950-120396050
chr2	120395950	120396050	1223-Lng-B-T	70	chr2:120395950-120396050
chr2	120395950	120396050	901-Lng-A-T	66	chr2:120395950-120396050
chr2	120395950	120396050	901-Lng-B-T	42	chr2:120395950-120396050
chr2	120395950	120396050	1072-Lng-A-T	65	chr2:120395950-120396050
chr2	120395950	120396050	1090-Lng-B-T	70	chr2:120395950-120396050
chr2	120395950	120396050	1188-Lng-A-T	102	chr2:120395950-120396050
chr2	120395950	120396050	846-Lng-A-T	95	chr2:120395950-120396050

Table S2: SB Insertion regions

chr2	120395950	120396050	1152-Lng-A-T	31	chr2:120395950-120396050
chr2	120421850	120421950	1065-Lng-B-T	44	chr2:120421850-120421950
chr2	120451550	120451650	1090-Lng-A-T	47	chr2:120451550-120451650
chr2	120723850	120723950	846-Lng-A-T	79	chr2:120723850-120723950
chr2	120730650	120730750	1223-Lng-B-T	220	chr2:120730650-120730750
chr2	120826250	120826350	901-Lng-C-T	37	chr2:120826250-120826350
chr2	120937050	120937150	1152-Lng-A-T	104	chr2:120937050-120937150
chr2	120978350	120978450	1188-Lng-A-T	45	chr2:120978350-120978450
chr2	120998750	120998850	901-Lng-B-T	185	chr2:120998750-120998850
chr2	121097950	121098050	1065-Lng-C-T	112	chr2:121097950-121098050
chr2	121194350	121194450	1274-Lng-A-T	169	chr2:121194350-121194450
chr2	121244050	121244150	1274-Lng-A-T	52	chr2:121244050-121244150
chr2	121253150	121253250	1274-Lng-A-T	83	chr2:121253150-121253250
chr2	121285650	121285750	1065-Lng-B-T	193	chr2:121285650-121285750
chr2	121362050	121362150	1065-Lng-B-T	61	chr2:121362050-121362150
chr2	121685650	121685750	901-Lng-A-T	162	chr2:121685650-121685750
chr2	121786950	121787050	1065-Lng-A-T	72	chr2:121786950-121787050
chr2	121791950	121792050	1072-Lng-A-T	78	chr2:121791950-121792050
chr2	121799050	121799150	1223-Lng-A-T	158	chr2:121799050-121799150
chr2	121816250	121816350	1072-Lng-A-T	138	chr2:121816250-121816350
chr2	121861850	121861950	1223-Lng-D-T	108	chr2:121861850-121861950
chr2	121866050	121866150	1274-Lng-A-T	149	chr2:121866050-121866150
chr2	121979250	121979350	1167-Lng-A-T	198	chr2:121979250-121979350
chr2	121980050	121980150	901-Lng-A-T	574	chr2:121980050-121980150
chr2	122258350	122258450	1065-Lng-A-T	71	chr2:122258350-122258450
chr2	122414450	122414550	1151-Lng-A-T	246	chr2:122414450-122414550
chr2	122466750	122466850	1151-Lng-A-T	63	chr2:122466750-122466850
chr2	122599450	122599550	901-Lng-D-T	180	chr2:122599450-122599550
chr2	122601950	122602050	1274-Lng-A-T	49	chr2:122601950-122602050
chr2	122602650	122602750	1004-Lng-A-T	78	chr2:122602650-122602750
chr2	122609650	122609750	1090-Lng-A-T	84	chr2:122609650-122609750
chr2	122792550	122792650	901-Lng-D-T	108	chr2:122792550-122792650
chr2	123470750	123470850	1065-Lng-B-T	49	chr2:123470750-123470850
chr2	123586350	123586450	901-Lng-C-T	39	chr2:123586350-123586450
chr2	123596750	123596850	1223-Lng-A-T	74	chr2:123596750-123596850
chr2	123923250	123923350	1188-Lng-A-T	42	chr2:123923250-123923350
chr2	123961950	123962050	1065-Lng-B-T	65	chr2:123961950-123962050
chr2	124065050	124065150	901-Lng-A-T	133	chr2:124065050-124065150
chr2	124692450	124692550	1223-Lng-C-T	578	chr2:124692450-124692550
chr2	124824050	124824150	1090-Lng-A-T	56	chr2:124824050-124824150
chr2	124911750	124911850	1065-Lng-B-T	51	chr2:124911750-124911850
chr2	124944050	124944150	1274-Lng-A-T	71	chr2:124944050-124944150
chr2	125158550	125158650	1100-Lng-A-T	125	chr2:125158550-125158650
chr2	125222050	125222150	1004-Lng-A-T	81	chr2:125222050-125222150
chr2	125255550	125255650	1188-Lng-A-T	40	chr2:125255550-125255650
chr2	125286350	125286450	901-Lng-C-T	206	chr2:125286350-125286450

Table S2: SB Insertion regions

chr2	125342450	125342550	1274-Lng-A-T	104	chr2:125342450-125342550
chr2	125367350	125367450	1188-Lng-A-T	59	chr2:125367350-125367450
chr2	125561250	125561350	1151-Lng-A-T	212	chr2:125561250-125561350
chr2	125582050	125582150	1188-Lng-A-T	49	chr2:125582050-125582150
chr2	125651850	125651950	1274-Lng-A-T	67	chr2:125651850-125651950
chr2	125676750	125676850	1274-Lng-A-T	54	chr2:125676750-125676850
chr2	125747450	125747550	1004-Lng-A-T	715	chr2:125747450-125747550
chr2	125949550	125949650	1090-Lng-A-T	262	chr2:125949550-125949650
chr2	125978350	125978450	1223-Lng-C-T	60	chr2:125978350-125978450
chr2	126494050	126494150	1065-Lng-B-T	91	chr2:126494050-126494150
chr2	126537850	126537950	1188-Lng-A-T	66	chr2:126537850-126537950
chr2	126625850	126625950	1152-Lng-A-T	64	chr2:126625850-126625950
chr2	126631250	126631350	1100-Lng-A-T	56	chr2:126631250-126631350
chr2	127069050	127069150	1090-Lng-A-T	47	chr2:127069050-127069150
chr2	127476350	127476450	1065-Lng-B-T	74	chr2:127476350-127476450
chr2	127701050	127701150	1100-Lng-A-T	92	chr2:127701050-127701150
chr2	127726550	127726650	1151-Lng-A-T	9990	chr2:127726550-127726650
chr2	127742450	127742550	1188-Lng-A-T	34	chr2:127742450-127742550
chr2	127827950	127828050	1152-Lng-A-T	65	chr2:127827950-127828050
chr2	127933550	127933650	846-Lng-A-T	187	chr2:127933550-127933650
chr2	128539050	128539150	1065-Lng-C-T	83	chr2:128539050-128539150
chr2	128562050	128562150	901-Lng-A-T	56	chr2:128562050-128562150
chr2	128569850	128569950	1004-Lng-A-T	53	chr2:128569850-128569950
chr2	128718750	128718850	1167-Lng-A-T	75	chr2:128718750-128718850
chr2	128931950	128932050	901-Lng-C-T	212	chr2:128931950-128932050
chr2	129148150	129148250	1152-Lng-A-T	83	chr2:129148150-129148250
chr2	129610450	129610550	1090-Lng-B-T	298	chr2:129610450-129610550
chr2	129635750	129635850	1100-Lng-A-T	895	chr2:129635750-129635850
chr2	129653350	129653450	1065-Lng-C-T	90	chr2:129653350-129653450
chr2	129804350	129804450	901-Lng-A-T	89	chr2:129804350-129804450
chr2	129930150	129930250	1188-Lng-A-T	267	chr2:129930150-129930250
chr2	130212750	130212850	1223-Lng-B-T	131	chr2:130212750-130212850
chr2	130334450	130334550	1223-Lng-C-T	47	chr2:130334450-130334550
chr2	130345850	130345950	1274-Lng-A-T	62	chr2:130345850-130345950
chr2	130560350	130560450	1223-Lng-A-T	224	chr2:130560350-130560450
chr2	130577150	130577250	901-Lng-C-T	65	chr2:130577150-130577250
chr2	130711950	130712050	1090-Lng-A-T	62	chr2:130711950-130712050
chr2	130722150	130722250	1072-Lng-A-T	125	chr2:130722150-130722250
chr2	130749650	130749750	1065-Lng-C-T	77	chr2:130749650-130749750
chr2	130756450	130756550	901-Lng-A-T	156	chr2:130756450-130756550
chr2	130783650	130783750	901-Lng-B-T	66	chr2:130783650-130783750
chr2	130796650	130796750	1152-Lng-A-T	221	chr2:130796650-130796750
chr2	130806750	130806850	846-Lng-A-T	195	chr2:130806750-130806850
chr2	130863750	130863850	1188-Lng-A-T	83	chr2:130863750-130863850
chr2	131052250	131052350	1223-Lng-B-T	43	chr2:131052250-131052350
chr2	131138250	131138350	1090-Lng-A-T	113	chr2:131138250-131138350

Table S2: SB Insertion regions

chr2	131320450	131320550	1223-Lng-D-T	40	chr2:131320450-131320550
chr2	131452550	131452650	901-Lng-A-T	154	chr2:131452550-131452650
chr2	131541450	131541550	1167-Lng-A-T	65	chr2:131541450-131541550
chr2	131922650	131922750	1188-Lng-A-T	35	chr2:131922650-131922750
chr2	131942450	131942550	901-Lng-C-T	49	chr2:131942450-131942550
chr2	131951150	131951250	901-Lng-B-T	111	chr2:131951150-131951250
chr2	131962550	131962650	1065-Lng-A-T	128	chr2:131962550-131962650
chr2	131973750	131973850	1065-Lng-C-T	69	chr2:131973750-131973850
chr2	132127550	132127650	901-Lng-C-T	58	chr2:132127550-132127650
chr2	132216150	132216250	1065-Lng-C-T	62	chr2:132216150-132216250
chr2	132289350	132289450	1072-Lng-A-T	75	chr2:132289350-132289450
chr2	132362050	132362150	1065-Lng-A-T	71	chr2:132362050-132362150
chr2	132497250	132497350	1090-Lng-A-T	51	chr2:132497250-132497350
chr2	132748450	132748550	1100-Lng-B-T	498	chr2:132748450-132748550
chr2	133455950	133456050	1167-Lng-A-T	96	chr2:133455950-133456050
chr2	133941850	133941950	1065-Lng-B-T	45	chr2:133941850-133941950
chr2	134092150	134092250	1274-Lng-A-T	64	chr2:134092150-134092250
chr2	134157350	134157450	1065-Lng-C-T	92	chr2:134157350-134157450
chr2	134161750	134161850	1167-Lng-A-T	45	chr2:134161750-134161850
chr2	134170750	134170850	901-Lng-C-T	39	chr2:134170750-134170850
chr2	134177450	134177550	1065-Lng-A-T	168	chr2:134177450-134177550
chr2	134222650	134222750	1065-Lng-A-T	62	chr2:134222650-134222750
chr2	134533450	134533550	1072-Lng-A-T	155	chr2:134533450-134533550
chr2	134879550	134879650	1223-Lng-B-T	42	chr2:134879550-134879650
chr2	134916250	134916350	901-Lng-C-T	29	chr2:134916250-134916350
chr2	135615850	135615950	1090-Lng-A-T	111	chr2:135615850-135615950
chr2	135679950	135680050	1065-Lng-B-T	49	chr2:135679950-135680050
chr2	135689350	135689450	1072-Lng-A-T	66	chr2:135689350-135689450
chr2	135996450	135996550	1072-Lng-A-T	56	chr2:135996450-135996550
chr2	136038150	136038250	1100-Lng-A-T	90	chr2:136038150-136038250
chr2	136161150	136161250	1274-Lng-A-T	98	chr2:136161150-136161250
chr2	136366850	136366950	1223-Lng-C-T	47	chr2:136366850-136366950
chr2	136373150	136373250	1188-Lng-A-T	50	chr2:136373150-136373250
chr2	136738950	136739050	1152-Lng-A-T	43	chr2:136738950-136739050
chr2	136774550	136774650	1167-Lng-A-T	117	chr2:136774550-136774650
chr2	136786250	136786350	901-Lng-B-T	156	chr2:136786250-136786350
chr2	136882950	136883050	901-Lng-C-T	222	chr2:136882950-136883050
chr2	137454250	137454350	901-Lng-C-T	282	chr2:137454250-137454350
chr2	138159550	138159650	901-Lng-C-T	83	chr2:138159550-138159650
chr2	138193150	138193250	1223-Lng-C-T	217	chr2:138193150-138193250
chr2	138371950	138372050	901-Lng-B-T	73	chr2:138371950-138372050
chr2	138410050	138410150	1274-Lng-A-T	49	chr2:138410050-138410150
chr2	138602350	138602450	901-Lng-B-T	144	chr2:138602350-138602450
chr2	138603350	138603450	1151-Lng-A-T	245	chr2:138603350-138603450
chr2	138920450	138920550	1223-Lng-B-T	42	chr2:138920450-138920550
chr2	138930150	138930250	1223-Lng-B-T	51	chr2:138930150-138930250

Table S2: SB Insertion regions

chr2	139357050	139357150	901-Lng-C-T	60	chr2:139357050-139357150
chr2	139454150	139454250	1065-Lng-B-T	66	chr2:139454150-139454250
chr2	139633350	139633450	1065-Lng-A-T	83	chr2:139633350-139633450
chr2	139752050	139752150	1065-Lng-A-T	80	chr2:139752050-139752150
chr2	139773950	139774050	1004-Lng-A-T	49	chr2:139773950-139774050
chr2	139811950	139812050	1188-Lng-A-T	46	chr2:139811950-139812050
chr2	139846850	139846950	901-Lng-D-T	203	chr2:139846850-139846950
chr2	140080950	140081050	1065-Lng-C-T	62	chr2:140080950-140081050
chr2	140502250	140502350	901-Lng-A-T	68	chr2:140502250-140502350
chr2	140641750	140641850	901-Lng-D-T	522	chr2:140641750-140641850
chr2	140811450	140811550	1274-Lng-A-T	63	chr2:140811450-140811550
chr2	140813150	140813250	1090-Lng-A-T	84	chr2:140813150-140813250
chr2	140910150	140910250	1065-Lng-A-T	41	chr2:140910150-140910250
chr2	141124650	141124750	1274-Lng-A-T	111	chr2:141124650-141124750
chr2	141167350	141167450	901-Lng-A-T	70	chr2:141167350-141167450
chr2	141173450	141173550	1072-Lng-A-T	57	chr2:141173450-141173550
chr2	141191050	141191150	901-Lng-B-T	41	chr2:141191050-141191150
chr2	141249150	141249250	1152-Lng-A-T	57	chr2:141249150-141249250
chr2	141317050	141317150	901-Lng-D-T	542	chr2:141317050-141317150
chr2	141942650	141942750	901-Lng-D-T	94	chr2:141942650-141942750
chr2	142492150	142492250	1090-Lng-A-T	84	chr2:142492150-142492250
chr2	142570450	142570550	1223-Lng-A-T	120	chr2:142570450-142570550
chr2	142592150	142592250	1223-Lng-C-T	58	chr2:142592150-142592250
chr2	142623750	142623850	1274-Lng-A-T	80	chr2:142623750-142623850
chr2	142767650	142767750	901-Lng-C-T	60	chr2:142767650-142767750
chr2	142792250	142792350	1223-Lng-D-T	57	chr2:142792250-142792350
chr2	143282350	143282450	901-Lng-A-T	67	chr2:143282350-143282450
chr2	143333450	143333550	1072-Lng-A-T	52	chr2:143333450-143333550
chr2	143737850	143737950	1004-Lng-A-T	63	chr2:143737850-143737950
chr2	143777250	143777350	1100-Lng-A-T	248	chr2:143777250-143777350
chr2	143812450	143812550	901-Lng-D-T	83	chr2:143812450-143812550
chr2	144078950	144079050	1274-Lng-A-T	82	chr2:144078950-144079050
chr2	144088050	144088150	1188-Lng-A-T	49	chr2:144088050-144088150
chr2	144093650	144093750	1072-Lng-A-T	57	chr2:144093650-144093750
chr2	144391850	144391950	1223-Lng-A-T	82	chr2:144391850-144391950
chr2	144392250	144392350	1004-Lng-A-T	61	chr2:144392250-144392350
chr2	144397650	144397750	1065-Lng-B-T	49	chr2:144397650-144397750
chr2	144631250	144631350	1167-Lng-A-T	49	chr2:144631250-144631350
chr2	144707950	144708050	901-Lng-A-T	116	chr2:144707950-144708050
chr2	144714850	144714950	1223-Lng-B-T	34	chr2:144714850-144714950
chr2	144721950	144722050	901-Lng-B-T	619	chr2:144721950-144722050
chr2	145164450	145164550	901-Lng-A-T	63	chr2:145164450-145164550
chr2	145182750	145182850	901-Lng-C-T	53	chr2:145182750-145182850
chr2	145438550	145438650	1065-Lng-C-T	69	chr2:145438550-145438650
chr2	145456650	145456750	1223-Lng-A-T	611	chr2:145456650-145456750
chr2	145546250	145546350	1223-Lng-C-T	54	chr2:145546250-145546350

Table S2: SB Insertion regions

chr2	145566750	145566850	1090-Lng-A-T	58	chr2:145566750-145566850
chr2	145626550	145626650	1065-Lng-A-T	530	chr2:145626550-145626650
chr2	145696550	145696650	1152-Lng-A-T	45	chr2:145696550-145696650
chr2	145701450	145701550	1065-Lng-A-T	74	chr2:145701450-145701550
chr2	145724050	145724150	1274-Lng-A-T	58	chr2:145724050-145724150
chr2	145774650	145774750	1223-Lng-D-T	43	chr2:145774650-145774750
chr2	145935850	145935950	901-Lng-D-T	44	chr2:145935850-145935950
chr2	145971950	145972050	1152-Lng-A-T	47	chr2:145971950-145972050
chr2	146063850	146063950	1188-Lng-A-T	41	chr2:146063850-146063950
chr2	146130850	146130950	1065-Lng-B-T	73	chr2:146130850-146130950
chr2	146154950	146155050	1100-Lng-A-T	1808	chr2:146154950-146155050
chr2	146165650	146165750	1223-Lng-D-T	109	chr2:146165650-146165750
chr2	146188050	146188150	1167-Lng-A-T	294	chr2:146188050-146188150
chr2	146205650	146205750	1274-Lng-A-T	65	chr2:146205650-146205750
chr2	146272750	146272850	846-Lng-A-T	73	chr2:146272750-146272850
chr2	146307050	146307150	1100-Lng-A-T	67	chr2:146307050-146307150
chr2	146310050	146310150	1090-Lng-B-T	180	chr2:146310050-146310150
chr2	146332450	146332550	1065-Lng-A-T	53	chr2:146332450-146332550
chr2	146523950	146524050	1065-Lng-C-T	61	chr2:146523950-146524050
chr2	146841950	146842050	1090-Lng-A-T	63	chr2:146841950-146842050
chr2	146847950	146848050	1274-Lng-A-T	86	chr2:146847950-146848050
chr2	146852250	146852350	1188-Lng-A-T	403	chr2:146852250-146852350
chr2	146882650	146882750	1223-Lng-B-T	115	chr2:146882650-146882750
chr2	146902850	146902950	1274-Lng-A-T	116	chr2:146902850-146902950
chr2	146991950	146992050	1065-Lng-B-T	66	chr2:146991950-146992050
chr2	147005450	147005550	1188-Lng-A-T	69	chr2:147005450-147005550
chr2	147563750	147563850	1274-Lng-A-T	59	chr2:147563750-147563850
chr2	147579350	147579450	1274-Lng-A-T	55	chr2:147579350-147579450
chr2	147638250	147638350	1167-Lng-A-T	67	chr2:147638250-147638350
chr2	147740650	147740750	1223-Lng-D-T	55	chr2:147740650-147740750
chr2	147757550	147757650	1188-Lng-A-T	220	chr2:147757550-147757650
chr2	147782350	147782450	1100-Lng-A-T	574	chr2:147782350-147782450
chr2	147800050	147800150	1100-Lng-A-T	479	chr2:147800050-147800150
chr2	147854550	147854650	1223-Lng-C-T	514	chr2:147854550-147854650
chr2	147862150	147862250	1151-Lng-A-T	86	chr2:147862150-147862250
chr2	147873550	147873650	1151-Lng-A-T	58	chr2:147873550-147873650
chr2	147973250	147973350	1152-Lng-A-T	84	chr2:147973250-147973350
chr2	148304350	148304450	1223-Lng-B-T	65	chr2:148304350-148304450
chr2	148306550	148306650	1065-Lng-A-T	202	chr2:148306550-148306650
chr2	148469150	148469250	1090-Lng-A-T	74	chr2:148469150-148469250
chr2	148477550	148477650	901-Lng-D-T	419	chr2:148477550-148477650
chr2	148499150	148499250	1223-Lng-D-T	77	chr2:148499150-148499250
chr2	148517750	148517850	1223-Lng-D-T	48	chr2:148517750-148517850
chr2	148554450	148554550	901-Lng-B-T	691	chr2:148554450-148554550
chr2	148844150	148844250	1223-Lng-A-T	66	chr2:148844150-148844250
chr2	148844150	148844250	1223-Lng-B-T	54	chr2:148844150-148844250

Table S2: SB Insertion regions

chr2	149276350	149276450	901-Lng-C-T	44	chr2:149276350-149276450
chr2	149484850	149484950	1065-Lng-C-T	76	chr2:149484850-149484950
chr2	149488650	149488750	1167-Lng-A-T	62	chr2:149488650-149488750
chr2	149729150	149729250	1274-Lng-A-T	100	chr2:149729150-149729250
chr2	149815950	149816050	1223-Lng-A-T	167	chr2:149815950-149816050
chr2	149818650	149818750	1274-Lng-A-T	186	chr2:149818650-149818750
chr2	149877050	149877150	1065-Lng-A-T	41	chr2:149877050-149877150
chr2	150172750	150172850	1223-Lng-C-T	54	chr2:150172750-150172850
chr2	150233450	150233550	1065-Lng-A-T	42	chr2:150233450-150233550
chr2	150467350	150467450	1167-Lng-A-T	267	chr2:150467350-150467450
chr2	150479250	150479350	1090-Lng-A-T	65	chr2:150479250-150479350
chr2	150496250	150496350	1151-Lng-A-T	69	chr2:150496250-150496350
chr2	150575850	150575950	846-Lng-A-T	102	chr2:150575850-150575950
chr2	150593650	150593750	901-Lng-C-T	56	chr2:150593650-150593750
chr2	150608050	150608150	1065-Lng-A-T	60	chr2:150608050-150608150
chr2	150766650	150766750	1223-Lng-B-T	46	chr2:150766650-150766750
chr2	150854050	150854150	901-Lng-D-T	96	chr2:150854050-150854150
chr2	151260150	151260250	1065-Lng-A-T	101	chr2:151260150-151260250
chr2	151319550	151319650	1090-Lng-A-T	2295	chr2:151319550-151319650
chr2	151330950	151331050	1274-Lng-A-T	262	chr2:151330950-151331050
chr2	151375350	151375450	1223-Lng-D-T	51	chr2:151375350-151375450
chr2	151386550	151386650	1152-Lng-A-T	92	chr2:151386550-151386650
chr2	152014650	152014750	1223-Lng-B-T	61	chr2:152014650-152014750
chr2	152059850	152059950	901-Lng-B-T	205	chr2:152059850-152059950
chr2	152077450	152077550	846-Lng-A-T	52	chr2:152077450-152077550
chr2	152116350	152116450	1065-Lng-C-T	93	chr2:152116350-152116450
chr2	152122150	152122250	1151-Lng-A-T	239	chr2:152122150-152122250
chr2	152124550	152124650	1223-Lng-A-T	378	chr2:152124550-152124650
chr2	152130150	152130250	1274-Lng-A-T	120	chr2:152130150-152130250
chr2	152130750	152130850	901-Lng-D-T	122	chr2:152130750-152130850
chr2	152150950	152151050	901-Lng-D-T	120	chr2:152150950-152151050
chr2	152206850	152206950	846-Lng-A-T	142	chr2:152206850-152206950
chr2	152625850	152625950	1152-Lng-A-T	338	chr2:152625850-152625950
chr2	152638250	152638350	1065-Lng-A-T	42	chr2:152638250-152638350
chr2	152795350	152795450	1274-Lng-A-T	133	chr2:152795350-152795450
chr2	152964750	152964850	1090-Lng-A-T	117	chr2:152964750-152964850
chr2	153070650	153070750	901-Lng-A-T	57	chr2:153070650-153070750
chr2	153112750	153112850	1090-Lng-A-T	111	chr2:153112750-153112850
chr2	153167850	153167950	1065-Lng-C-T	68	chr2:153167850-153167950
chr2	153214850	153214950	1100-Lng-A-T	113	chr2:153214850-153214950
chr2	153239350	153239450	1065-Lng-B-T	41	chr2:153239350-153239450
chr2	153466250	153466350	1223-Lng-B-T	38	chr2:153466250-153466350
chr2	153565150	153565250	1167-Lng-A-T	53	chr2:153565150-153565250
chr2	153700150	153700250	1065-Lng-A-T	74	chr2:153700150-153700250
chr2	154113450	154113550	1167-Lng-A-T	70	chr2:154113450-154113550
chr2	154156150	154156250	901-Lng-D-T	41	chr2:154156150-154156250

Table S2: SB Insertion regions

chr2	154510750	154510850	1100-Lng-A-T	69	chr2:154510750-154510850
chr2	154638450	154638550	1065-Lng-A-T	48	chr2:154638450-154638550
chr2	154642150	154642250	1151-Lng-A-T	76	chr2:154642150-154642250
chr2	154912350	154912450	1065-Lng-B-T	116	chr2:154912350-154912450
chr2	154960550	154960650	1223-Lng-D-T	188	chr2:154960550-154960650
chr2	154960550	154960650	1100-Lng-A-T	172	chr2:154960550-154960650
chr2	155032250	155032350	1090-Lng-A-T	59	chr2:155032250-155032350
chr2	155121950	155122050	1065-Lng-A-T	138	chr2:155121950-155122050
chr2	155136050	155136150	1223-Lng-B-T	35	chr2:155136050-155136150
chr2	155164550	155164650	1152-Lng-A-T	53	chr2:155164550-155164650
chr2	155200550	155200650	1151-Lng-A-T	73	chr2:155200550-155200650
chr2	155215150	155215250	1100-Lng-A-T	58	chr2:155215150-155215250
chr2	155237650	155237750	846-Lng-A-T	1227	chr2:155237650-155237750
chr2	155246250	155246350	1065-Lng-B-T	96	chr2:155246250-155246350
chr2	155293850	155293950	1065-Lng-B-T	135	chr2:155293850-155293950
chr2	155346750	155346850	1090-Lng-A-T	77	chr2:155346750-155346850
chr2	155351150	155351250	1152-Lng-A-T	70	chr2:155351150-155351250
chr2	155385550	155385650	901-Lng-A-T	79	chr2:155385550-155385650
chr2	155462650	155462750	1152-Lng-A-T	62	chr2:155462650-155462750
chr2	155473950	155474050	1072-Lng-A-T	61	chr2:155473950-155474050
chr2	155483850	155483950	1223-Lng-C-T	142	chr2:155483850-155483950
chr2	155503350	155503450	1223-Lng-B-T	215	chr2:155503350-155503450
chr2	155511750	155511850	1188-Lng-A-T	52	chr2:155511750-155511850
chr2	155511850	155511950	1223-Lng-D-T	42	chr2:155511850-155511950
chr2	155511950	155512050	1151-Lng-A-T	154	chr2:155511950-155512050
chr2	155535550	155535650	1152-Lng-A-T	32	chr2:155535550-155535650
chr2	155588450	155588550	1100-Lng-A-T	85	chr2:155588450-155588550
chr2	155720750	155720850	901-Lng-C-T	62	chr2:155720750-155720850
chr2	155735550	155735650	1072-Lng-A-T	221	chr2:155735550-155735650
chr2	155753050	155753150	1065-Lng-C-T	68	chr2:155753050-155753150
chr2	155934850	155934950	1223-Lng-C-T	100	chr2:155934850-155934950
chr2	156003450	156003550	1152-Lng-A-T	34	chr2:156003450-156003550
chr2	156057350	156057450	901-Lng-B-T	179	chr2:156057350-156057450
chr2	156082350	156082450	1100-Lng-B-T	13120	chr2:156082350-156082450
chr2	156133150	156133250	1274-Lng-A-T	63	chr2:156133150-156133250
chr2	156364250	156364350	1100-Lng-A-T	350	chr2:156364250-156364350
chr2	156699950	156700050	901-Lng-B-T	146	chr2:156699950-156700050
chr2	156773750	156773850	1167-Lng-A-T	92	chr2:156773750-156773850
chr2	156793250	156793350	1188-Lng-A-T	84	chr2:156793250-156793350
chr2	156918350	156918450	1065-Lng-A-T	42	chr2:156918350-156918450
chr2	157011250	157011350	1090-Lng-B-T	1032	chr2:157011250-157011350
chr2	157252350	157252450	1188-Lng-A-T	71	chr2:157252350-157252450
chr2	157280150	157280250	846-Lng-A-T	96	chr2:157280150-157280250
chr2	157321650	157321750	1090-Lng-B-T	393	chr2:157321650-157321750
chr2	157578150	157578250	1100-Lng-A-T	119	chr2:157578150-157578250
chr2	157580250	157580350	1100-Lng-B-T	2908	chr2:157580250-157580350

Table S2: SB Insertion regions

chr2	157603450	157603550	1223-Lng-A-T	201	chr2:157603450-157603550
chr2	157641850	157641950	1167-Lng-A-T	55	chr2:157641850-157641950
chr2	157826550	157826650	1065-Lng-B-T	70	chr2:157826550-157826650
chr2	157866650	157866750	1274-Lng-A-T	102	chr2:157866650-157866750
chr2	157981650	157981750	1072-Lng-A-T	172	chr2:157981650-157981750
chr2	158047950	158048050	901-Lng-A-T	73	chr2:158047950-158048050
chr2	158961250	158961350	1151-Lng-A-T	145	chr2:158961250-158961350
chr2	159131750	159131850	901-Lng-D-T	278	chr2:159131750-159131850
chr2	159187350	159187450	901-Lng-C-T	310	chr2:159187350-159187450
chr2	159375150	159375250	1065-Lng-B-T	65	chr2:159375150-159375250
chr2	159526950	159527050	1223-Lng-C-T	54	chr2:159526950-159527050
chr2	159913950	159914050	846-Lng-A-T	135	chr2:159913950-159914050
chr2	160125450	160125550	901-Lng-C-T	30	chr2:160125450-160125550
chr2	160231050	160231150	1004-Lng-A-T	60	chr2:160231050-160231150
chr2	160300550	160300650	1065-Lng-A-T	91	chr2:160300550-160300650
chr2	160516450	160516550	1072-Lng-A-T	61	chr2:160516450-160516550
chr2	160538550	160538650	901-Lng-A-T	115	chr2:160538550-160538650
chr2	160546050	160546150	1152-Lng-A-T	374	chr2:160546050-160546150
chr2	160553050	160553150	846-Lng-A-T	195	chr2:160553050-160553150
chr2	160664750	160664850	1223-Lng-D-T	49	chr2:160664750-160664850
chr2	160780850	160780950	901-Lng-C-T	31	chr2:160780850-160780950
chr2	160832350	160832450	1100-Lng-A-T	85	chr2:160832350-160832450
chr2	160836750	160836850	1090-Lng-A-T	50	chr2:160836750-160836850
chr2	160861650	160861750	1100-Lng-A-T	59	chr2:160861650-160861750
chr2	160879850	160879950	1274-Lng-A-T	81	chr2:160879850-160879950
chr2	160880050	160880150	1274-Lng-A-T	114	chr2:160880050-160880150
chr2	160898550	160898650	1004-Lng-A-T	161	chr2:160898550-160898650
chr2	160912350	160912450	1090-Lng-A-T	45	chr2:160912350-160912450
chr2	161079750	161079850	1223-Lng-C-T	55	chr2:161079750-161079850
chr2	161111350	161111450	1065-Lng-A-T	75	chr2:161111350-161111450
chr2	161169550	161169650	1151-Lng-A-T	87	chr2:161169550-161169650
chr2	161248250	161248350	1223-Lng-A-T	190	chr2:161248250-161248350
chr2	161361850	161361950	1223-Lng-B-T	204	chr2:161361850-161361950
chr2	161423950	161424050	1072-Lng-A-T	60	chr2:161423950-161424050
chr2	161453850	161453950	1223-Lng-D-T	42	chr2:161453850-161453950
chr2	161608550	161608650	1223-Lng-B-T	38	chr2:161608550-161608650
chr2	161791150	161791250	1065-Lng-B-T	190	chr2:161791150-161791250
chr2	162045050	162045150	901-Lng-C-T	214	chr2:162045050-162045150
chr2	162314750	162314850	1004-Lng-A-T	51	chr2:162314750-162314850
chr2	162326250	162326350	1188-Lng-A-T	38	chr2:162326250-162326350
chr2	162846550	162846650	1188-Lng-A-T	148	chr2:162846550-162846650
chr2	163293150	163293250	1100-Lng-A-T	57	chr2:163293150-163293250
chr2	163458950	163459050	901-Lng-A-T	71	chr2:163458950-163459050
chr2	163461850	163461950	1152-Lng-A-T	168	chr2:163461850-163461950
chr2	163468350	163468450	1151-Lng-A-T	1217	chr2:163468350-163468450
chr2	163468350	163468450	901-Lng-D-T	39	chr2:163468350-163468450

Table S2: SB Insertion regions

chr2	163468350	163468450	1090-Lng-A-T	135	chr2:163468350-163468450
chr2	163468350	163468450	1090-Lng-B-T	4837	chr2:163468350-163468450
chr2	163468350	163468450	1223-Lng-D-T	56	chr2:163468350-163468450
chr2	163468350	163468450	1100-Lng-A-T	2674	chr2:163468350-163468450
chr2	163468350	163468450	1065-Lng-A-T	304	chr2:163468350-163468450
chr2	163468350	163468450	1152-Lng-A-T	941	chr2:163468350-163468450
chr2	163468350	163468450	1065-Lng-B-T	201	chr2:163468350-163468450
chr2	163468350	163468450	1100-Lng-B-T	273	chr2:163468350-163468450
chr2	163468350	163468450	1188-Lng-A-T	335	chr2:163468350-163468450
chr2	163468350	163468450	1090-Lng-A-T	2794	chr2:163468350-163468450
chr2	163468350	163468450	1223-Lng-B-T	323	chr2:163468350-163468450
chr2	163468350	163468450	846-Lng-A-T	977	chr2:163468350-163468450
chr2	163468350	163468450	1223-Lng-A-T	2258	chr2:163468350-163468450
chr2	163468350	163468450	1223-Lng-D-T	1175	chr2:163468350-163468450
chr2	163468350	163468450	1090-Lng-B-T	168	chr2:163468350-163468450
chr2	163468350	163468450	1167-Lng-A-T	898	chr2:163468350-163468450
chr2	163468350	163468450	1100-Lng-A-T	80	chr2:163468350-163468450
chr2	163468350	163468450	1072-Lng-A-T	51	chr2:163468350-163468450
chr2	163468350	163468450	1274-Lng-A-T	1644	chr2:163468350-163468450
chr2	163468350	163468450	901-Lng-C-T	171	chr2:163468350-163468450
chr2	163468350	163468450	1223-Lng-C-T	1066	chr2:163468350-163468450
chr2	163468450	163468550	1223-Lng-B-T	382	chr2:163468450-163468550
chr2	163468450	163468550	1223-Lng-D-T	447	chr2:163468450-163468550
chr2	163468450	163468550	1167-Lng-A-T	595	chr2:163468450-163468550
chr2	163468450	163468550	1274-Lng-A-T	756	chr2:163468450-163468550
chr2	163468450	163468550	1223-Lng-C-T	392	chr2:163468450-163468550
chr2	163468450	163468550	1151-Lng-A-T	563	chr2:163468450-163468550
chr2	163468450	163468550	1090-Lng-B-T	5388	chr2:163468450-163468550
chr2	163468450	163468550	1100-Lng-A-T	1112	chr2:163468450-163468550
chr2	163468450	163468550	1065-Lng-A-T	429	chr2:163468450-163468550
chr2	163468450	163468550	1152-Lng-A-T	483	chr2:163468450-163468550
chr2	163468450	163468550	1100-Lng-B-T	63	chr2:163468450-163468550
chr2	163468450	163468550	1090-Lng-A-T	1749	chr2:163468450-163468550
chr2	163468650	163468750	1223-Lng-A-T	578	chr2:163468650-163468750
chr2	163468650	163468750	1100-Lng-A-T	256	chr2:163468650-163468750
chr2	163468650	163468750	1223-Lng-B-T	59	chr2:163468650-163468750
chr2	163468650	163468750	1223-Lng-D-T	74	chr2:163468650-163468750
chr2	163468650	163468750	1274-Lng-A-T	67	chr2:163468650-163468750
chr2	163468650	163468750	1188-Lng-A-T	109	chr2:163468650-163468750
chr2	163840050	163840150	1188-Lng-A-T	210	chr2:163840050-163840150
chr2	163893550	163893650	1274-Lng-A-T	60	chr2:163893550-163893650
chr2	163955850	163955950	1274-Lng-A-T	198	chr2:163955850-163955950
chr2	163989450	163989550	1090-Lng-A-T	46	chr2:163989450-163989550
chr2	164096050	164096150	1065-Lng-A-T	49	chr2:164096050-164096150
chr2	164259050	164259150	1065-Lng-C-T	1821	chr2:164259050-164259150
chr2	164842350	164842450	1004-Lng-A-T	66	chr2:164842350-164842450

Table S2: SB Insertion regions

chr2	165330550	165330650	1152-Lng-A-T	38	chr2:165330550-165330650
chr2	165468650	165468750	901-Lng-C-T	433	chr2:165468650-165468750
chr2	165493950	165494050	901-Lng-D-T	152	chr2:165493950-165494050
chr2	165496450	165496550	1223-Lng-B-T	50	chr2:165496450-165496550
chr2	165639250	165639350	1100-Lng-A-T	89	chr2:165639250-165639350
chr2	165822050	165822150	1167-Lng-A-T	111	chr2:165822050-165822150
chr2	165828550	165828650	846-Lng-A-T	89	chr2:165828550-165828650
chr2	165870650	165870750	846-Lng-A-T	822	chr2:165870650-165870750
chr2	166507350	166507450	901-Lng-A-T	79	chr2:166507350-166507450
chr2	166671250	166671350	1188-Lng-A-T	71	chr2:166671250-166671350
chr2	166776050	166776150	1090-Lng-B-T	160	chr2:166776050-166776150
chr2	166847850	166847950	901-Lng-C-T	73	chr2:166847850-166847950
chr2	166890250	166890350	1151-Lng-A-T	199	chr2:166890250-166890350
chr2	167129850	167129950	1100-Lng-B-T	345	chr2:167129850-167129950
chr2	167172550	167172650	1004-Lng-A-T	91	chr2:167172550-167172650
chr2	167258650	167258750	1065-Lng-C-T	100	chr2:167258650-167258750
chr2	167261950	167262050	901-Lng-B-T	96	chr2:167261950-167262050
chr2	167314850	167314950	901-Lng-A-T	108	chr2:167314850-167314950
chr2	167503150	167503250	1065-Lng-A-T	43	chr2:167503150-167503250
chr2	167652250	167652350	1100-Lng-A-T	176	chr2:167652250-167652350
chr2	167747450	167747550	1065-Lng-A-T	49	chr2:167747450-167747550
chr2	168050950	168051050	1072-Lng-A-T	203	chr2:168050950-168051050
chr2	168523150	168523250	901-Lng-A-T	70	chr2:168523150-168523250
chr2	169070150	169070250	1090-Lng-B-T	1106	chr2:169070150-169070250
chr2	169288750	169288850	1188-Lng-A-T	62	chr2:169288750-169288850
chr2	169952050	169952150	1151-Lng-A-T	385	chr2:169952050-169952150
chr2	169973350	169973450	1223-Lng-B-T	46	chr2:169973350-169973450
chr2	169978250	169978350	1090-Lng-A-T	57	chr2:169978250-169978350
chr2	170052150	170052250	901-Lng-D-T	77	chr2:170052150-170052250
chr2	170067750	170067850	846-Lng-A-T	190	chr2:170067750-170067850
chr2	170179550	170179650	1065-Lng-C-T	180	chr2:170179550-170179650
chr2	170536850	170536950	1065-Lng-A-T	95	chr2:170536850-170536950
chr2	171898950	171899050	1065-Lng-A-T	63	chr2:171898950-171899050
chr2	172632750	172632850	901-Lng-A-T	61	chr2:172632750-172632850
chr2	173519750	173519850	1065-Lng-B-T	62	chr2:173519750-173519850
chr2	173523650	173523750	1100-Lng-A-T	71	chr2:173523650-173523750
chr2	173589450	173589550	1152-Lng-A-T	102	chr2:173589450-173589550
chr2	173610550	173610650	1223-Lng-A-T	521	chr2:173610550-173610650
chr2	173614350	173614450	846-Lng-A-T	109	chr2:173614350-173614450
chr2	173765150	173765250	1223-Lng-C-T	43	chr2:173765150-173765250
chr2	173899250	173899350	1223-Lng-C-T	50	chr2:173899250-173899350
chr2	174223650	174223750	901-Lng-B-T	85	chr2:174223650-174223750
chr2	174240350	174240450	1167-Lng-A-T	64	chr2:174240350-174240450
chr2	174304550	174304650	1223-Lng-C-T	48	chr2:174304550-174304650
chr2	174534550	174534650	901-Lng-A-T	59	chr2:174534550-174534650
chr2	174993650	174993750	1152-Lng-A-T	207	chr2:174993650-174993750

Table S2: SB Insertion regions

chr2	177125750	177125850	1223-Lng-A-T	659	chr2:177125750-177125850
chr2	177561350	177561450	1065-Lng-A-T	53	chr2:177561350-177561450
chr2	177894450	177894550	846-Lng-A-T	178	chr2:177894450-177894550
chr2	177914550	177914650	1090-Lng-A-T	96	chr2:177914550-177914650
chr2	178361950	178362050	1065-Lng-C-T	70	chr2:178361950-178362050
chr2	178382350	178382450	1188-Lng-A-T	34	chr2:178382350-178382450
chr2	179272550	179272650	1065-Lng-A-T	44	chr2:179272550-179272650
chr2	179435150	179435250	1004-Lng-A-T	49	chr2:179435150-179435250
chr2	179642450	179642550	1274-Lng-A-T	54	chr2:179642450-179642550
chr2	179663350	179663450	901-Lng-B-T	61	chr2:179663350-179663450
chr2	179702750	179702850	1274-Lng-A-T	174	chr2:179702750-179702850
chr2	179839350	179839450	1072-Lng-A-T	59	chr2:179839350-179839450
chr2	179893650	179893750	1072-Lng-A-T	69	chr2:179893650-179893750
chr2	179893950	179894050	1090-Lng-B-T	65	chr2:179893950-179894050
chr2	179910950	179911050	1151-Lng-A-T	196	chr2:179910950-179911050
chr2	179942250	179942350	1100-Lng-A-T	70	chr2:179942250-179942350
chr2	179945350	179945450	1100-Lng-A-T	73	chr2:179945350-179945450
chr2	180283650	180283750	1090-Lng-A-T	59	chr2:180283650-180283750
chr2	180412250	180412350	1100-Lng-A-T	97	chr2:180412250-180412350
chr2	180463750	180463850	1065-Lng-B-T	78	chr2:180463750-180463850
chr2	180705250	180705350	1100-Lng-A-T	320	chr2:180705250-180705350
chr2	180802550	180802650	1151-Lng-A-T	415	chr2:180802550-180802650
chr2	180815150	180815250	846-Lng-A-T	84	chr2:180815150-180815250
chr2	180947750	180947850	1100-Lng-A-T	88	chr2:180947750-180947850
chr2	180949250	180949350	1072-Lng-A-T	69	chr2:180949250-180949350
chr2	180980950	180981050	1223-Lng-C-T	49	chr2:180980950-180981050
chr2	181105050	181105150	1223-Lng-A-T	92	chr2:181105050-181105150
chr2	181201150	181201250	1167-Lng-A-T	101	chr2:181201150-181201250
chr2	181253650	181253750	1100-Lng-A-T	141	chr2:181253650-181253750
chr2	181352950	181353050	1274-Lng-A-T	56	chr2:181352950-181353050
chr2	181361650	181361750	901-Lng-B-T	153	chr2:181361650-181361750
chr2	181371550	181371650	1100-Lng-A-T	77	chr2:181371550-181371650
chr2	181399550	181399650	1151-Lng-A-T	102	chr2:181399550-181399650
chr2	181652350	181652450	901-Lng-D-T	518	chr2:181652350-181652450
chr3	3265950	3266050	1167-Lng-A-T	48	chr3:3265950-3266050
chr3	3324250	3324350	901-Lng-C-T	35	chr3:3324250-3324350
chr3	3786650	3786750	1152-Lng-A-T	133	chr3:3786650-3786750
chr3	3990450	3990550	901-Lng-A-T	98	chr3:3990450-3990550
chr3	4317050	4317150	1274-Lng-A-T	66	chr3:4317050-4317150
chr3	4479750	4479850	1223-Lng-A-T	122	chr3:4479750-4479850
chr3	4559850	4559950	1090-Lng-A-T	937	chr3:4559850-4559950
chr3	5305750	5305850	1223-Lng-A-T	676	chr3:5305750-5305850
chr3	5410550	5410650	901-Lng-C-T	41	chr3:5410550-5410650
chr3	5458850	5458950	1188-Lng-A-T	34	chr3:5458850-5458950
chr3	5470050	5470150	1223-Lng-B-T	191	chr3:5470050-5470150
chr3	5508550	5508650	1090-Lng-B-T	671	chr3:5508550-5508650

Table S2: SB Insertion regions

chr3	5532250	5532350	1072-Lng-A-T	233	chr3:5532250-5532350
chr3	5562050	5562150	1065-Lng-A-T	56	chr3:5562050-5562150
chr3	5730450	5730550	1065-Lng-A-T	489	chr3:5730450-5730550
chr3	5886950	5887050	901-Lng-A-T	92	chr3:5886950-5887050
chr3	5969050	5969150	901-Lng-A-T	110	chr3:5969050-5969150
chr3	6052750	6052850	1223-Lng-B-T	50	chr3:6052750-6052850
chr3	6102250	6102350	1004-Lng-A-T	287	chr3:6102250-6102350
chr3	6105450	6105550	901-Lng-C-T	59	chr3:6105450-6105550
chr3	6201150	6201250	901-Lng-A-T	108	chr3:6201150-6201250
chr3	6317950	6318050	1151-Lng-A-T	76	chr3:6317950-6318050
chr3	6322450	6322550	1090-Lng-A-T	215	chr3:6322450-6322550
chr3	6452450	6452550	1223-Lng-C-T	45	chr3:6452450-6452550
chr3	6452850	6452950	846-Lng-A-T	89	chr3:6452850-6452950
chr3	6526950	6527050	901-Lng-A-T	70	chr3:6526950-6527050
chr3	6629750	6629850	1072-Lng-A-T	198	chr3:6629750-6629850
chr3	6722050	6722150	1065-Lng-A-T	103	chr3:6722050-6722150
chr3	6982650	6982750	1223-Lng-B-T	38	chr3:6982650-6982750
chr3	6985550	6985650	1152-Lng-A-T	39	chr3:6985550-6985650
chr3	7031550	7031650	1072-Lng-A-T	57	chr3:7031550-7031650
chr3	7504950	7505050	901-Lng-C-T	48	chr3:7504950-7505050
chr3	7512250	7512350	1223-Lng-C-T	174	chr3:7512250-7512350
chr3	7512250	7512350	901-Lng-D-T	316	chr3:7512250-7512350
chr3	7520450	7520550	1065-Lng-B-T	64	chr3:7520450-7520550
chr3	7535850	7535950	1072-Lng-A-T	57	chr3:7535850-7535950
chr3	7577750	7577850	1152-Lng-A-T	100	chr3:7577750-7577850
chr3	7688050	7688150	901-Lng-A-T	59	chr3:7688050-7688150
chr3	7873850	7873950	1090-Lng-A-T	75	chr3:7873850-7873950
chr3	7884250	7884350	901-Lng-A-T	71	chr3:7884250-7884350
chr3	7972350	7972450	901-Lng-C-T	37	chr3:7972350-7972450
chr3	7981350	7981450	1274-Lng-A-T	65	chr3:7981350-7981450
chr3	7990350	7990450	1152-Lng-A-T	123	chr3:7990350-7990450
chr3	8150650	8150750	1223-Lng-D-T	43	chr3:8150650-8150750
chr3	8459450	8459550	1100-Lng-A-T	93	chr3:8459450-8459550
chr3	8868550	8868650	1090-Lng-B-T	566	chr3:8868550-8868650
chr3	8888850	8888950	1065-Lng-A-T	56	chr3:8888850-8888950
chr3	8938750	8938850	901-Lng-A-T	194	chr3:8938750-8938850
chr3	8951550	8951650	901-Lng-A-T	67	chr3:8951550-8951650
chr3	8968350	8968450	1274-Lng-A-T	239	chr3:8968350-8968450
chr3	8979550	8979650	1151-Lng-A-T	79	chr3:8979550-8979650
chr3	9269250	9269350	901-Lng-C-T	54	chr3:9269250-9269350
chr3	9281650	9281750	1223-Lng-C-T	87	chr3:9281650-9281750
chr3	9463250	9463350	1065-Lng-A-T	45	chr3:9463250-9463350
chr3	9476850	9476950	1274-Lng-A-T	85	chr3:9476850-9476950
chr3	9486250	9486350	901-Lng-C-T	87	chr3:9486250-9486350
chr3	9493350	9493450	1065-Lng-A-T	83	chr3:9493350-9493450
chr3	9510650	9510750	901-Lng-B-T	70	chr3:9510650-9510750

Table S2: SB Insertion regions

chr3	9552850	9552950	1223-Lng-B-T	53	chr3:9552850-9552950
chr3	9553950	9554050	1152-Lng-A-T	40	chr3:9553950-9554050
chr3	9557050	9557150	1100-Lng-A-T	65	chr3:9557050-9557150
chr3	9607850	9607950	1167-Lng-A-T	91	chr3:9607850-9607950
chr3	9610650	9610750	1223-Lng-C-T	52	chr3:9610650-9610750
chr3	9783450	9783550	1090-Lng-A-T	66	chr3:9783450-9783550
chr3	9856750	9856850	901-Lng-B-T	121	chr3:9856750-9856850
chr3	9919250	9919350	1065-Lng-A-T	63	chr3:9919250-9919350
chr3	10009150	10009250	1065-Lng-B-T	115	chr3:10009150-10009250
chr3	10033250	10033350	1223-Lng-D-T	179	chr3:10033250-10033350
chr3	10159550	10159650	1151-Lng-A-T	57	chr3:10159550-10159650
chr3	10269050	10269150	1100-Lng-B-T	76	chr3:10269050-10269150
chr3	10297850	10297950	1151-Lng-A-T	63	chr3:10297850-10297950
chr3	10423050	10423150	1072-Lng-A-T	76	chr3:10423050-10423150
chr3	10477950	10478050	1188-Lng-A-T	219	chr3:10477950-10478050
chr3	10587350	10587450	1223-Lng-B-T	293	chr3:10587350-10587450
chr3	10656450	10656550	901-Lng-C-T	36	chr3:10656450-10656550
chr3	10664250	10664350	1065-Lng-A-T	103	chr3:10664250-10664350
chr3	11119050	11119150	1065-Lng-A-T	62	chr3:11119050-11119150
chr3	11138950	11139050	1223-Lng-A-T	92	chr3:11138950-11139050
chr3	11259250	11259350	1167-Lng-A-T	55	chr3:11259250-11259350
chr3	11497550	11497650	1004-Lng-A-T	71	chr3:11497550-11497650
chr3	11500250	11500350	1152-Lng-A-T	43	chr3:11500250-11500350
chr3	11610150	11610250	1004-Lng-A-T	76	chr3:11610150-11610250
chr3	11670150	11670250	1090-Lng-B-T	142	chr3:11670150-11670250
chr3	11812850	11812950	1090-Lng-A-T	55	chr3:11812850-11812950
chr3	11847350	11847450	1004-Lng-A-T	940	chr3:11847350-11847450
chr3	11897750	11897850	1223-Lng-B-T	88	chr3:11897750-11897850
chr3	12017150	12017250	1100-Lng-A-T	56	chr3:12017150-12017250
chr3	12078350	12078450	1223-Lng-C-T	48	chr3:12078350-12078450
chr3	12315650	12315750	1167-Lng-A-T	108	chr3:12315650-12315750
chr3	12566450	12566550	1065-Lng-B-T	45	chr3:12566450-12566550
chr3	12630350	12630450	901-Lng-B-T	234	chr3:12630350-12630450
chr3	12780450	12780550	1065-Lng-B-T	70	chr3:12780450-12780550
chr3	12896650	12896750	846-Lng-A-T	112	chr3:12896650-12896750
chr3	12917050	12917150	1274-Lng-A-T	113	chr3:12917050-12917150
chr3	13185950	13186050	1152-Lng-A-T	43	chr3:13185950-13186050
chr3	13400650	13400750	1223-Lng-B-T	44	chr3:13400650-13400750
chr3	13420350	13420450	1065-Lng-C-T	86	chr3:13420350-13420450
chr3	13532450	13532550	1151-Lng-A-T	60	chr3:13532450-13532550
chr3	13579050	13579150	1065-Lng-B-T	68	chr3:13579050-13579150
chr3	13770150	13770250	1072-Lng-A-T	59	chr3:13770150-13770250
chr3	14074350	14074450	1065-Lng-B-T	70	chr3:14074350-14074450
chr3	14310950	14311050	1065-Lng-C-T	62	chr3:14310950-14311050
chr3	14572150	14572250	1072-Lng-A-T	52	chr3:14572150-14572250
chr3	14756850	14756950	901-Lng-A-T	76	chr3:14756850-14756950

Table S2: SB Insertion regions

chr3	14996750	14996850	1151-Lng-A-T	85	chr3:14996750-14996850
chr3	15017050	15017150	1004-Lng-A-T	79	chr3:15017050-15017150
chr3	15585750	15585850	1151-Lng-A-T	91	chr3:15585750-15585850
chr3	15725150	15725250	1152-Lng-A-T	36	chr3:15725150-15725250
chr3	16021450	16021550	1072-Lng-A-T	71	chr3:16021450-16021550
chr3	16090450	16090550	1223-Lng-D-T	40	chr3:16090450-16090550
chr3	16095950	16096050	1223-Lng-D-T	47	chr3:16095950-16096050
chr3	16097350	16097450	1065-Lng-A-T	59	chr3:16097350-16097450
chr3	16104850	16104950	1090-Lng-A-T	93	chr3:16104850-16104950
chr3	16117550	16117650	1100-Lng-A-T	100	chr3:16117550-16117650
chr3	16194250	16194350	1072-Lng-A-T	67	chr3:16194250-16194350
chr3	16230150	16230250	901-Lng-C-T	48	chr3:16230150-16230250
chr3	16267050	16267150	1151-Lng-A-T	541	chr3:16267050-16267150
chr3	16303950	16304050	1065-Lng-A-T	44	chr3:16303950-16304050
chr3	16332350	16332450	1065-Lng-A-T	82	chr3:16332350-16332450
chr3	16411050	16411150	1152-Lng-A-T	172	chr3:16411050-16411150
chr3	16561350	16561450	901-Lng-B-T	37	chr3:16561350-16561450
chr3	16745850	16745950	1090-Lng-A-T	81	chr3:16745850-16745950
chr3	16824650	16824750	1152-Lng-A-T	45	chr3:16824650-16824750
chr3	16831250	16831350	901-Lng-D-T	358	chr3:16831250-16831350
chr3	16925750	16925850	1223-Lng-D-T	41	chr3:16925750-16925850
chr3	16943150	16943250	901-Lng-C-T	31	chr3:16943150-16943250
chr3	16992450	16992550	901-Lng-C-T	47	chr3:16992450-16992550
chr3	17224950	17225050	1090-Lng-A-T	80	chr3:17224950-17225050
chr3	17244950	17245050	1072-Lng-A-T	193	chr3:17244950-17245050
chr3	17954150	17954250	1065-Lng-B-T	48	chr3:17954150-17954250
chr3	18032650	18032750	1065-Lng-B-T	60	chr3:18032650-18032750
chr3	18123650	18123750	901-Lng-A-T	62	chr3:18123650-18123750
chr3	18218850	18218950	1065-Lng-B-T	60	chr3:18218850-18218950
chr3	18337550	18337650	1152-Lng-A-T	77	chr3:18337550-18337650
chr3	18410650	18410750	1188-Lng-A-T	36	chr3:18410650-18410750
chr3	18425450	18425550	901-Lng-C-T	36	chr3:18425450-18425550
chr3	18544050	18544150	901-Lng-C-T	52	chr3:18544050-18544150
chr3	18744150	18744250	1090-Lng-A-T	64	chr3:18744150-18744250
chr3	19088950	19089050	901-Lng-B-T	243	chr3:19088950-19089050
chr3	19118850	19118950	1167-Lng-A-T	48	chr3:19118850-19118950
chr3	19153850	19153950	1274-Lng-A-T	77	chr3:19153850-19153950
chr3	19160050	19160150	1152-Lng-A-T	50	chr3:19160050-19160150
chr3	19171450	19171550	1188-Lng-A-T	36	chr3:19171450-19171550
chr3	19189450	19189550	1274-Lng-A-T	66	chr3:19189450-19189550
chr3	19306950	19307050	1223-Lng-A-T	95	chr3:19306950-19307050
chr3	19326550	19326650	1065-Lng-B-T	67	chr3:19326550-19326650
chr3	19606050	19606150	1223-Lng-A-T	57	chr3:19606050-19606150
chr3	19624650	19624750	1223-Lng-C-T	43	chr3:19624650-19624750
chr3	19661850	19661950	1072-Lng-A-T	56	chr3:19661850-19661950
chr3	19848350	19848450	1090-Lng-B-T	372	chr3:19848350-19848450

Table S2: SB Insertion regions

chr3	19867650	19867750	846-Lng-A-T	66	chr3:19867650-19867750
chr3	19916450	19916550	1223-Lng-A-T	237	chr3:19916450-19916550
chr3	19933650	19933750	1065-Lng-B-T	271	chr3:19933650-19933750
chr3	20030450	20030550	1090-Lng-A-T	85	chr3:20030450-20030550
chr3	20035250	20035350	1223-Lng-D-T	87	chr3:20035250-20035350
chr3	20160050	20160150	1274-Lng-A-T	173	chr3:20160050-20160150
chr3	20334250	20334350	1223-Lng-B-T	271	chr3:20334250-20334350
chr3	20358650	20358750	1223-Lng-A-T	90	chr3:20358650-20358750
chr3	20977850	20977950	1223-Lng-B-T	429	chr3:20977850-20977950
chr3	21020750	21020850	1065-Lng-A-T	74	chr3:21020750-21020850
chr3	21060150	21060250	1004-Lng-A-T	66	chr3:21060150-21060250
chr3	21164850	21164950	1223-Lng-B-T	231	chr3:21164850-21164950
chr3	21470350	21470450	901-Lng-C-T	108	chr3:21470350-21470450
chr3	21487450	21487550	1274-Lng-A-T	65	chr3:21487450-21487550
chr3	21972850	21972950	901-Lng-A-T	72	chr3:21972850-21972950
chr3	21984550	21984650	1274-Lng-A-T	86	chr3:21984550-21984650
chr3	22012350	22012450	1223-Lng-B-T	40	chr3:22012350-22012450
chr3	22022250	22022350	1065-Lng-B-T	93	chr3:22022250-22022350
chr3	22080450	22080550	1072-Lng-A-T	205	chr3:22080450-22080550
chr3	22099050	22099150	901-Lng-B-T	228	chr3:22099050-22099150
chr3	22103350	22103450	1152-Lng-A-T	33	chr3:22103350-22103450
chr3	22773050	22773150	901-Lng-A-T	92	chr3:22773050-22773150
chr3	23070950	23071050	1065-Lng-A-T	51	chr3:23070950-23071050
chr3	23095950	23096050	1223-Lng-D-T	44	chr3:23095950-23096050
chr3	23114850	23114950	1152-Lng-A-T	70	chr3:23114850-23114950
chr3	23330250	23330350	1065-Lng-A-T	66	chr3:23330250-23330350
chr3	23331550	23331650	1167-Lng-A-T	128	chr3:23331550-23331650
chr3	23676150	23676250	1090-Lng-B-T	823	chr3:23676150-23676250
chr3	23772350	23772450	901-Lng-B-T	143	chr3:23772350-23772450
chr3	23906050	23906150	1065-Lng-C-T	127	chr3:23906050-23906150
chr3	24036150	24036250	1167-Lng-A-T	57	chr3:24036150-24036250
chr3	24154050	24154150	1072-Lng-A-T	160	chr3:24154050-24154150
chr3	24231850	24231950	901-Lng-A-T	95	chr3:24231850-24231950
chr3	24358550	24358650	1065-Lng-B-T	43	chr3:24358550-24358650
chr3	24413450	24413550	1223-Lng-B-T	53	chr3:24413450-24413550
chr3	24447150	24447250	1090-Lng-B-T	723	chr3:24447150-24447250
chr3	24567750	24567850	1100-Lng-A-T	83	chr3:24567750-24567850
chr3	24678950	24679050	1223-Lng-C-T	53	chr3:24678950-24679050
chr3	24742250	24742350	1072-Lng-A-T	224	chr3:24742250-24742350
chr3	24871050	24871150	1223-Lng-B-T	48	chr3:24871050-24871150
chr3	25107750	25107850	846-Lng-A-T	2210	chr3:25107750-25107850
chr3	25303050	25303150	1151-Lng-A-T	215	chr3:25303050-25303150
chr3	25423950	25424050	1090-Lng-B-T	293	chr3:25423950-25424050
chr3	25430650	25430750	1004-Lng-A-T	90	chr3:25430650-25430750
chr3	25439350	25439450	1152-Lng-A-T	198	chr3:25439350-25439450
chr3	25511350	25511450	1065-Lng-B-T	59	chr3:25511350-25511450

Table S2: SB Insertion regions

chr3	25772150	25772250	1065-Lng-C-T	80	chr3:25772150-25772250
chr3	26143850	26143950	1223-Lng-A-T	236	chr3:26143850-26143950
chr3	26218650	26218750	1223-Lng-A-T	75	chr3:26218650-26218750
chr3	26239050	26239150	901-Lng-D-T	168	chr3:26239050-26239150
chr3	27114650	27114750	901-Lng-A-T	187	chr3:27114650-27114750
chr3	27119850	27119950	1167-Lng-A-T	69	chr3:27119850-27119950
chr3	27121450	27121550	1100-Lng-A-T	64	chr3:27121450-27121550
chr3	27122350	27122450	1100-Lng-A-T	92	chr3:27122350-27122450
chr3	27164450	27164550	846-Lng-A-T	211	chr3:27164450-27164550
chr3	27378650	27378750	1152-Lng-A-T	33	chr3:27378650-27378750
chr3	27440750	27440850	901-Lng-B-T	78	chr3:27440750-27440850
chr3	27468050	27468150	901-Lng-D-T	98	chr3:27468050-27468150
chr3	27503550	27503650	1167-Lng-A-T	81	chr3:27503550-27503650
chr3	27553550	27553650	1100-Lng-A-T	120	chr3:27553550-27553650
chr3	27606750	27606850	1223-Lng-B-T	53	chr3:27606750-27606850
chr3	27633750	27633850	1065-Lng-C-T	72	chr3:27633750-27633850
chr3	27635150	27635250	901-Lng-B-T	194	chr3:27635150-27635250
chr3	27918150	27918250	1152-Lng-A-T	128	chr3:27918150-27918250
chr3	27981050	27981150	1065-Lng-A-T	44	chr3:27981050-27981150
chr3	28074350	28074450	901-Lng-A-T	80	chr3:28074350-28074450
chr3	28208550	28208650	1090-Lng-B-T	68	chr3:28208550-28208650
chr3	28366950	28367050	846-Lng-A-T	1596	chr3:28366950-28367050
chr3	28375350	28375450	1223-Lng-D-T	41	chr3:28375350-28375450
chr3	28578150	28578250	1188-Lng-A-T	35	chr3:28578150-28578250
chr3	29027150	29027250	1223-Lng-B-T	41	chr3:29027150-29027250
chr3	29246350	29246450	1167-Lng-A-T	122	chr3:29246350-29246450
chr3	29342350	29342450	901-Lng-C-T	46	chr3:29342350-29342450
chr3	29434650	29434750	1151-Lng-A-T	146	chr3:29434650-29434750
chr3	29463150	29463250	846-Lng-A-T	94	chr3:29463150-29463250
chr3	29527450	29527550	1223-Lng-C-T	47	chr3:29527450-29527550
chr3	29586550	29586650	1274-Lng-A-T	168	chr3:29586550-29586650
chr3	29598150	29598250	901-Lng-A-T	81	chr3:29598150-29598250
chr3	29718650	29718750	901-Lng-B-T	124	chr3:29718650-29718750
chr3	29775550	29775650	1100-Lng-A-T	138	chr3:29775550-29775650
chr3	29844250	29844350	1100-Lng-A-T	97	chr3:29844250-29844350
chr3	29857350	29857450	1167-Lng-A-T	64	chr3:29857350-29857450
chr3	29869950	29870050	1100-Lng-A-T	57	chr3:29869950-29870050
chr3	29886750	29886850	1090-Lng-A-T	67	chr3:29886750-29886850
chr3	29940550	29940650	1004-Lng-A-T	66	chr3:29940550-29940650
chr3	29941250	29941350	901-Lng-C-T	132	chr3:29941250-29941350
chr3	29987950	29988050	1065-Lng-A-T	36	chr3:29987950-29988050
chr3	30084850	30084950	1223-Lng-A-T	168	chr3:30084850-30084950
chr3	30085350	30085450	1223-Lng-C-T	55	chr3:30085350-30085450
chr3	30095850	30095950	1223-Lng-A-T	178	chr3:30095850-30095950
chr3	30103750	30103850	1274-Lng-A-T	3240	chr3:30103750-30103850
chr3	30158450	30158550	1223-Lng-C-T	44	chr3:30158450-30158550

Table S2: SB Insertion regions

chr3	30186950	30187050	1065-Lng-A-T	60	chr3:30186950-30187050
chr3	30211350	30211450	901-Lng-A-T	55	chr3:30211350-30211450
chr3	30212850	30212950	1065-Lng-B-T	55	chr3:30212850-30212950
chr3	30247650	30247750	1090-Lng-A-T	154	chr3:30247650-30247750
chr3	30253650	30253750	901-Lng-A-T	74	chr3:30253650-30253750
chr3	30277750	30277850	901-Lng-A-T	166	chr3:30277750-30277850
chr3	30289750	30289850	1223-Lng-B-T	112	chr3:30289750-30289850
chr3	30354150	30354250	1065-Lng-C-T	63	chr3:30354150-30354250
chr3	30510250	30510350	1152-Lng-A-T	266	chr3:30510250-30510350
chr3	30703750	30703850	1090-Lng-A-T	111	chr3:30703750-30703850
chr3	30708050	30708150	1090-Lng-A-T	62	chr3:30708050-30708150
chr3	30716450	30716550	901-Lng-D-T	387	chr3:30716450-30716550
chr3	30769450	30769550	1065-Lng-A-T	65	chr3:30769450-30769550
chr3	30803150	30803250	1223-Lng-B-T	40	chr3:30803150-30803250
chr3	30857250	30857350	1004-Lng-A-T	127	chr3:30857250-30857350
chr3	30922050	30922150	1167-Lng-A-T	69	chr3:30922050-30922150
chr3	30980750	30980850	1167-Lng-A-T	45	chr3:30980750-30980850
chr3	31000850	31000950	1152-Lng-A-T	62	chr3:31000850-31000950
chr3	31010550	31010650	1065-Lng-C-T	68	chr3:31010550-31010650
chr3	31143850	31143950	1223-Lng-B-T	66	chr3:31143850-31143950
chr3	31156950	31157050	1065-Lng-A-T	143	chr3:31156950-31157050
chr3	31183150	31183250	1188-Lng-A-T	89	chr3:31183150-31183250
chr3	31224950	31225050	1065-Lng-A-T	61	chr3:31224950-31225050
chr3	31360650	31360750	846-Lng-A-T	174	chr3:31360650-31360750
chr3	31382650	31382750	1152-Lng-A-T	50	chr3:31382650-31382750
chr3	31667650	31667750	1065-Lng-B-T	74	chr3:31667650-31667750
chr3	31751250	31751350	1152-Lng-A-T	112	chr3:31751250-31751350
chr3	31863350	31863450	1072-Lng-A-T	72	chr3:31863350-31863450
chr3	32098250	32098350	1188-Lng-A-T	36	chr3:32098250-32098350
chr3	32148950	32149050	1152-Lng-A-T	64	chr3:32148950-32149050
chr3	32187950	32188050	1223-Lng-B-T	66	chr3:32187950-32188050
chr3	32246550	32246650	901-Lng-B-T	97	chr3:32246550-32246650
chr3	32325950	32326050	901-Lng-D-T	385	chr3:32325950-32326050
chr3	32329650	32329750	1274-Lng-A-T	97	chr3:32329650-32329750
chr3	32345550	32345650	1090-Lng-A-T	83	chr3:32345550-32345650
chr3	32367750	32367850	901-Lng-A-T	120	chr3:32367750-32367850
chr3	32529950	32530050	1100-Lng-A-T	84	chr3:32529950-32530050
chr3	32594050	32594150	1072-Lng-A-T	99	chr3:32594050-32594150
chr3	32751250	32751350	846-Lng-A-T	104	chr3:32751250-32751350
chr3	32762950	32763050	1065-Lng-C-T	61	chr3:32762950-32763050
chr3	32784150	32784250	1072-Lng-A-T	49	chr3:32784150-32784250
chr3	33010950	33011050	1072-Lng-A-T	52	chr3:33010950-33011050
chr3	33334350	33334450	1223-Lng-B-T	48	chr3:33334350-33334450
chr3	33744950	33745050	1065-Lng-B-T	61	chr3:33744950-33745050
chr3	33835850	33835950	1152-Lng-A-T	55	chr3:33835850-33835950
chr3	33898450	33898550	1072-Lng-A-T	55	chr3:33898450-33898550

Table S2: SB Insertion regions

chr3	33925550	33925650	901-Lng-C-T	67	chr3:33925550-33925650
chr3	33940650	33940750	846-Lng-A-T	145	chr3:33940650-33940750
chr3	33962050	33962150	901-Lng-A-T	81	chr3:33962050-33962150
chr3	33970650	33970750	1004-Lng-A-T	55	chr3:33970650-33970750
chr3	33978750	33978850	1151-Lng-A-T	57	chr3:33978750-33978850
chr3	34012550	34012650	1152-Lng-A-T	31	chr3:34012550-34012650
chr3	34567750	34567850	1223-Lng-A-T	207	chr3:34567750-34567850
chr3	34653750	34653850	846-Lng-A-T	117	chr3:34653750-34653850
chr3	34814750	34814850	1223-Lng-A-T	111	chr3:34814750-34814850
chr3	34851150	34851250	1004-Lng-A-T	65	chr3:34851150-34851250
chr3	35524950	35525050	1065-Lng-A-T	582	chr3:35524950-35525050
chr3	35560750	35560850	901-Lng-A-T	97	chr3:35560750-35560850
chr3	35598950	35599050	1151-Lng-A-T	129	chr3:35598950-35599050
chr3	35657850	35657950	1090-Lng-A-T	74	chr3:35657850-35657950
chr3	35662450	35662550	1065-Lng-A-T	100	chr3:35662450-35662550
chr3	35663550	35663650	1100-Lng-A-T	99	chr3:35663550-35663650
chr3	35673050	35673150	901-Lng-C-T	46	chr3:35673050-35673150
chr3	35677150	35677250	1223-Lng-A-T	285	chr3:35677150-35677250
chr3	35695550	35695650	846-Lng-A-T	138	chr3:35695550-35695650
chr3	35754150	35754250	1152-Lng-A-T	87	chr3:35754150-35754250
chr3	35761550	35761650	1223-Lng-C-T	48	chr3:35761550-35761650
chr3	35870750	35870850	1090-Lng-B-T	100	chr3:35870750-35870850
chr3	35871950	35872050	1004-Lng-A-T	73	chr3:35871950-35872050
chr3	35973450	35973550	846-Lng-A-T	118	chr3:35973450-35973550
chr3	36259850	36259950	901-Lng-B-T	117	chr3:36259850-36259950
chr3	36363150	36363250	1167-Lng-A-T	54	chr3:36363150-36363250
chr3	36454050	36454150	1151-Lng-A-T	310	chr3:36454050-36454150
chr3	36826650	36826750	1072-Lng-A-T	126	chr3:36826650-36826750
chr3	36869850	36869950	901-Lng-C-T	34	chr3:36869850-36869950
chr3	36887450	36887550	1223-Lng-B-T	131	chr3:36887450-36887550
chr3	36889450	36889550	1223-Lng-B-T	53	chr3:36889450-36889550
chr3	36952250	36952350	901-Lng-A-T	133	chr3:36952250-36952350
chr3	37020550	37020650	1152-Lng-A-T	142	chr3:37020550-37020650
chr3	37043550	37043650	901-Lng-D-T	70	chr3:37043550-37043650
chr3	37207350	37207450	1223-Lng-D-T	48	chr3:37207350-37207450
chr3	37243850	37243950	901-Lng-A-T	93	chr3:37243850-37243950
chr3	37338250	37338350	1065-Lng-A-T	360	chr3:37338250-37338350
chr3	37370250	37370350	1004-Lng-A-T	120	chr3:37370250-37370350
chr3	37395650	37395750	1188-Lng-A-T	372	chr3:37395650-37395750
chr3	37416450	37416550	1223-Lng-D-T	45	chr3:37416450-37416550
chr3	37474050	37474150	1151-Lng-A-T	367	chr3:37474050-37474150
chr3	37549150	37549250	901-Lng-A-T	231	chr3:37549150-37549250
chr3	37614550	37614650	1274-Lng-A-T	65	chr3:37614550-37614650
chr3	37635050	37635150	901-Lng-A-T	112	chr3:37635050-37635150
chr3	37667450	37667550	1223-Lng-B-T	37	chr3:37667450-37667550
chr3	37734650	37734750	1072-Lng-A-T	67	chr3:37734650-37734750

Table S2: SB Insertion regions

chr3	37961650	37961750	901-Lng-A-T	66	chr3:37961650-37961750
chr3	37993050	37993150	1090-Lng-A-T	67	chr3:37993050-37993150
chr3	38300850	38300950	901-Lng-A-T	68	chr3:38300850-38300950
chr3	38303950	38304050	1223-Lng-B-T	235	chr3:38303950-38304050
chr3	38375750	38375850	1152-Lng-A-T	140	chr3:38375750-38375850
chr3	38393150	38393250	901-Lng-B-T	107	chr3:38393150-38393250
chr3	38567050	38567150	1223-Lng-A-T	379	chr3:38567050-38567150
chr3	38610750	38610850	1223-Lng-A-T	215	chr3:38610750-38610850
chr3	38718850	38718950	1065-Lng-B-T	41	chr3:38718850-38718950
chr3	38916650	38916750	901-Lng-C-T	115	chr3:38916650-38916750
chr3	38972150	38972250	901-Lng-C-T	46	chr3:38972150-38972250
chr3	39126350	39126450	1223-Lng-D-T	53	chr3:39126350-39126450
chr3	39397550	39397650	1090-Lng-A-T	110	chr3:39397550-39397650
chr3	39737650	39737750	846-Lng-A-T	123	chr3:39737650-39737750
chr3	39748350	39748450	1065-Lng-B-T	54	chr3:39748350-39748450
chr3	39748650	39748750	901-Lng-D-T	496	chr3:39748650-39748750
chr3	39808450	39808550	1152-Lng-A-T	88	chr3:39808450-39808550
chr3	39994650	39994750	1065-Lng-A-T	160	chr3:39994650-39994750
chr3	40094150	40094250	901-Lng-B-T	183	chr3:40094150-40094250
chr3	40220650	40220750	1072-Lng-A-T	74	chr3:40220650-40220750
chr3	40608150	40608250	901-Lng-B-T	116	chr3:40608150-40608250
chr3	40737450	40737550	901-Lng-A-T	447	chr3:40737450-40737550
chr3	40795350	40795450	1223-Lng-D-T	88	chr3:40795350-40795450
chr3	40878150	40878250	846-Lng-A-T	192	chr3:40878150-40878250
chr3	41161650	41161750	1274-Lng-A-T	62	chr3:41161650-41161750
chr3	41387350	41387450	1100-Lng-A-T	67	chr3:41387350-41387450
chr3	41389450	41389550	1004-Lng-A-T	69	chr3:41389450-41389550
chr3	41409450	41409550	1223-Lng-D-T	57	chr3:41409450-41409550
chr3	41447250	41447350	901-Lng-B-T	241	chr3:41447250-41447350
chr3	41532650	41532750	901-Lng-B-T	104	chr3:41532650-41532750
chr3	41558050	41558150	1065-Lng-C-T	3014	chr3:41558050-41558150
chr3	41714850	41714950	1152-Lng-A-T	31	chr3:41714850-41714950
chr3	42176650	42176750	1188-Lng-A-T	37	chr3:42176650-42176750
chr3	42594250	42594350	1223-Lng-D-T	54	chr3:42594250-42594350
chr3	42676850	42676950	1065-Lng-B-T	51	chr3:42676850-42676950
chr3	42734350	42734450	1274-Lng-A-T	49	chr3:42734350-42734450
chr3	42923150	42923250	1065-Lng-A-T	95	chr3:42923150-42923250
chr3	42942050	42942150	901-Lng-B-T	155	chr3:42942050-42942150
chr3	43286450	43286550	1090-Lng-A-T	69	chr3:43286450-43286550
chr3	43303650	43303750	1152-Lng-A-T	107	chr3:43303650-43303750
chr3	43334950	43335050	1223-Lng-B-T	141	chr3:43334950-43335050
chr3	43357250	43357350	901-Lng-C-T	107	chr3:43357250-43357350
chr3	43513750	43513850	1072-Lng-A-T	59	chr3:43513750-43513850
chr3	43566850	43566950	901-Lng-B-T	181	chr3:43566850-43566950
chr3	43579150	43579250	1223-Lng-A-T	87	chr3:43579150-43579250
chr3	43921750	43921850	1151-Lng-A-T	146	chr3:43921750-43921850

Table S2: SB Insertion regions

chr3	44031550	44031650	1223-Lng-B-T	36	chr3:44031550-44031650
chr3	44038350	44038450	1065-Lng-B-T	68	chr3:44038350-44038450
chr3	44179150	44179250	1100-Lng-A-T	70	chr3:44179150-44179250
chr3	44228050	44228150	1152-Lng-A-T	60	chr3:44228050-44228150
chr3	44320150	44320250	846-Lng-A-T	129	chr3:44320150-44320250
chr3	44619950	44620050	1223-Lng-D-T	42	chr3:44619950-44620050
chr3	44639350	44639450	1065-Lng-B-T	80	chr3:44639350-44639450
chr3	45045250	45045350	1065-Lng-B-T	83	chr3:45045250-45045350
chr3	45105450	45105550	1065-Lng-A-T	67	chr3:45105450-45105550
chr3	45120650	45120750	1223-Lng-A-T	1498	chr3:45120650-45120750
chr3	45164050	45164150	901-Lng-C-T	69	chr3:45164050-45164150
chr3	45428550	45428650	1065-Lng-B-T	40	chr3:45428550-45428650
chr3	45453150	45453250	901-Lng-B-T	150	chr3:45453150-45453250
chr3	45814450	45814550	1100-Lng-A-T	98	chr3:45814450-45814550
chr3	45913650	45913750	1223-Lng-B-T	38	chr3:45913650-45913750
chr3	45977650	45977750	1100-Lng-A-T	52	chr3:45977650-45977750
chr3	46060450	46060550	1274-Lng-A-T	88	chr3:46060450-46060550
chr3	46173150	46173250	901-Lng-A-T	129	chr3:46173150-46173250
chr3	46179050	46179150	1223-Lng-B-T	52	chr3:46179050-46179150
chr3	46426650	46426750	1223-Lng-B-T	189	chr3:46426650-46426750
chr3	46426750	46426850	1274-Lng-A-T	57	chr3:46426750-46426850
chr3	47052650	47052750	1090-Lng-B-T	204	chr3:47052650-47052750
chr3	47144250	47144350	1152-Lng-A-T	118	chr3:47144250-47144350
chr3	47183450	47183550	901-Lng-C-T	191	chr3:47183450-47183550
chr3	47320850	47320950	1004-Lng-A-T	53	chr3:47320850-47320950
chr3	47341750	47341850	1188-Lng-A-T	44	chr3:47341750-47341850
chr3	47493450	47493550	1072-Lng-A-T	51	chr3:47493450-47493550
chr3	47564750	47564850	901-Lng-D-T	122	chr3:47564750-47564850
chr3	47584550	47584650	1274-Lng-A-T	69	chr3:47584550-47584650
chr3	47634650	47634750	1223-Lng-D-T	40	chr3:47634650-47634750
chr3	48198050	48198150	1100-Lng-A-T	80	chr3:48198050-48198150
chr3	48408150	48408250	1152-Lng-A-T	79	chr3:48408150-48408250
chr3	48490050	48490150	901-Lng-A-T	153	chr3:48490050-48490150
chr3	48818850	48818950	1090-Lng-A-T	44	chr3:48818850-48818950
chr3	49000650	49000750	1065-Lng-C-T	75	chr3:49000650-49000750
chr3	49162550	49162650	1065-Lng-A-T	37	chr3:49162550-49162650
chr3	49177850	49177950	1274-Lng-A-T	54	chr3:49177850-49177950
chr3	49222350	49222450	1223-Lng-A-T	96	chr3:49222350-49222450
chr3	49545550	49545650	901-Lng-C-T	43	chr3:49545550-49545650
chr3	49641750	49641850	1151-Lng-A-T	68	chr3:49641750-49641850
chr3	49658550	49658650	846-Lng-A-T	145	chr3:49658550-49658650
chr3	49816650	49816750	901-Lng-B-T	84	chr3:49816650-49816750
chr3	49838450	49838550	1072-Lng-A-T	58	chr3:49838450-49838550
chr3	50075550	50075650	901-Lng-C-T	220	chr3:50075550-50075650
chr3	50124650	50124750	1065-Lng-B-T	72	chr3:50124650-50124750
chr3	50218750	50218850	1151-Lng-A-T	110	chr3:50218750-50218850

Table S2: SB Insertion regions

chr3	50225650	50225750	1004-Lng-A-T	60	chr3:50225650-50225750
chr3	50451550	50451650	1065-Lng-C-T	78	chr3:50451550-50451650
chr3	50650350	50650450	1100-Lng-A-T	54	chr3:50650350-50650450
chr3	50899450	50899550	901-Lng-B-T	76	chr3:50899450-50899550
chr3	50974150	50974250	1090-Lng-A-T	139	chr3:50974150-50974250
chr3	51112950	51113050	1167-Lng-A-T	144	chr3:51112950-51113050
chr3	51134250	51134350	1223-Lng-A-T	94	chr3:51134250-51134350
chr3	51141250	51141350	1065-Lng-A-T	40	chr3:51141250-51141350
chr3	51177650	51177750	1065-Lng-C-T	69	chr3:51177650-51177750
chr3	51225350	51225450	901-Lng-B-T	101	chr3:51225350-51225450
chr3	51266150	51266250	1151-Lng-A-T	281	chr3:51266150-51266250
chr3	51292550	51292650	1152-Lng-A-T	67	chr3:51292550-51292650
chr3	51292850	51292950	1090-Lng-A-T	581	chr3:51292850-51292950
chr3	51521750	51521850	1188-Lng-A-T	45	chr3:51521750-51521850
chr3	51614450	51614550	1065-Lng-B-T	41	chr3:51614450-51614550
chr3	51620650	51620750	901-Lng-C-T	57	chr3:51620650-51620750
chr3	51647950	51648050	1188-Lng-A-T	41	chr3:51647950-51648050
chr3	51678450	51678550	1274-Lng-A-T	84	chr3:51678450-51678550
chr3	51741850	51741950	1004-Lng-A-T	113	chr3:51741850-51741950
chr3	51774950	51775050	1167-Lng-A-T	230	chr3:51774950-51775050
chr3	51858650	51858750	1223-Lng-B-T	253	chr3:51858650-51858750
chr3	52070450	52070550	1274-Lng-A-T	147	chr3:52070450-52070550
chr3	52087550	52087650	1167-Lng-A-T	51	chr3:52087550-52087650
chr3	52103250	52103350	1167-Lng-A-T	208	chr3:52103250-52103350
chr3	52608650	52608750	1274-Lng-A-T	166	chr3:52608650-52608750
chr3	52656950	52657050	1004-Lng-A-T	91	chr3:52656950-52657050
chr3	52784550	52784650	1065-Lng-B-T	50	chr3:52784550-52784650
chr3	52852450	52852550	1004-Lng-A-T	58	chr3:52852450-52852550
chr3	53056650	53056750	1274-Lng-A-T	113	chr3:53056650-53056750
chr3	53419950	53420050	901-Lng-A-T	562	chr3:53419950-53420050
chr3	53443350	53443450	901-Lng-A-T	127	chr3:53443350-53443450
chr3	53510650	53510750	1065-Lng-B-T	41	chr3:53510650-53510750
chr3	53659250	53659350	1274-Lng-A-T	53	chr3:53659250-53659350
chr3	53827850	53827950	901-Lng-B-T	154	chr3:53827850-53827950
chr3	53912150	53912250	1090-Lng-B-T	361	chr3:53912150-53912250
chr3	54101650	54101750	1004-Lng-A-T	168	chr3:54101650-54101750
chr3	54239050	54239150	1065-Lng-A-T	78	chr3:54239050-54239150
chr3	54504250	54504350	1100-Lng-B-T	59	chr3:54504250-54504350
chr3	54521850	54521950	901-Lng-C-T	84	chr3:54521850-54521950
chr3	54522550	54522650	901-Lng-D-T	365	chr3:54522550-54522650
chr3	54616050	54616150	1223-Lng-D-T	40	chr3:54616050-54616150
chr3	54956450	54956550	1065-Lng-A-T	603	chr3:54956450-54956550
chr3	55057150	55057250	1090-Lng-A-T	397	chr3:55057150-55057250
chr3	55059550	55059650	901-Lng-C-T	31	chr3:55059550-55059650
chr3	55102050	55102150	901-Lng-A-T	61	chr3:55102050-55102150
chr3	55188550	55188650	1065-Lng-B-T	60	chr3:55188550-55188650

Table S2: SB Insertion regions

chr3	55238350	55238450	1223-Lng-D-T	51	chr3:55238350-55238450
chr3	55428850	55428950	901-Lng-C-T	52	chr3:55428850-55428950
chr3	55466150	55466250	1167-Lng-A-T	70	chr3:55466150-55466250
chr3	55547550	55547650	901-Lng-C-T	57	chr3:55547550-55547650
chr3	55560150	55560250	1152-Lng-A-T	37	chr3:55560150-55560250
chr3	55590550	55590650	1072-Lng-A-T	62	chr3:55590550-55590650
chr3	55634950	55635050	1152-Lng-A-T	75	chr3:55634950-55635050
chr3	55643050	55643150	1151-Lng-A-T	183	chr3:55643050-55643150
chr3	55665450	55665550	1065-Lng-C-T	1835	chr3:55665450-55665550
chr3	55696350	55696450	1065-Lng-A-T	76	chr3:55696350-55696450
chr3	55850750	55850850	1223-Lng-D-T	42	chr3:55850750-55850850
chr3	56145450	56145550	1090-Lng-B-T	217	chr3:56145450-56145550
chr3	56274650	56274750	901-Lng-D-T	187	chr3:56274650-56274750
chr3	56610550	56610650	1152-Lng-A-T	83	chr3:56610550-56610650
chr3	56934950	56935050	1072-Lng-A-T	59	chr3:56934950-56935050
chr3	56937650	56937750	846-Lng-A-T	44	chr3:56937650-56937750
chr3	57033350	57033450	1072-Lng-A-T	73	chr3:57033350-57033450
chr3	57336150	57336250	1065-Lng-B-T	95	chr3:57336150-57336250
chr3	57336650	57336750	1223-Lng-B-T	41	chr3:57336650-57336750
chr3	57338350	57338450	1065-Lng-A-T	82	chr3:57338350-57338450
chr3	57341650	57341750	1072-Lng-A-T	54	chr3:57341650-57341750
chr3	57432950	57433050	1151-Lng-A-T	54	chr3:57432950-57433050
chr3	57551650	57551750	1100-Lng-A-T	137	chr3:57551650-57551750
chr3	57572550	57572650	1223-Lng-D-T	51	chr3:57572550-57572650
chr3	57612850	57612950	1223-Lng-B-T	277	chr3:57612850-57612950
chr3	57621150	57621250	1072-Lng-A-T	49	chr3:57621150-57621250
chr3	57780050	57780150	1090-Lng-A-T	419	chr3:57780050-57780150
chr3	57805250	57805350	901-Lng-A-T	68	chr3:57805250-57805350
chr3	58140250	58140350	1100-Lng-A-T	61	chr3:58140250-58140350
chr3	58173650	58173750	1004-Lng-A-T	625	chr3:58173650-58173750
chr3	58231850	58231950	1223-Lng-C-T	88	chr3:58231850-58231950
chr3	58246150	58246250	1152-Lng-A-T	85	chr3:58246150-58246250
chr3	58259850	58259950	1004-Lng-A-T	105	chr3:58259850-58259950
chr3	58312550	58312650	901-Lng-C-T	66	chr3:58312550-58312650
chr3	58397350	58397450	1167-Lng-A-T	56	chr3:58397350-58397450
chr3	58984350	58984450	1223-Lng-B-T	180	chr3:58984350-58984450
chr3	59261250	59261350	1065-Lng-B-T	39	chr3:59261250-59261350
chr3	59287350	59287450	1065-Lng-C-T	129	chr3:59287350-59287450
chr3	59526450	59526550	901-Lng-D-T	688	chr3:59526450-59526550
chr3	59676450	59676550	1090-Lng-B-T	323	chr3:59676450-59676550
chr3	59739550	59739650	1072-Lng-A-T	54	chr3:59739550-59739650
chr3	59802950	59803050	901-Lng-D-T	195	chr3:59802950-59803050
chr3	59827650	59827750	1223-Lng-A-T	51	chr3:59827650-59827750
chr3	59902250	59902350	1004-Lng-A-T	57	chr3:59902250-59902350
chr3	59902550	59902650	1188-Lng-A-T	133	chr3:59902550-59902650
chr3	60202150	60202250	901-Lng-B-T	186	chr3:60202150-60202250

Table S2: SB Insertion regions

chr3	60344050	60344150	1100-Lng-A-T	57	chr3:60344050-60344150
chr3	60366350	60366450	1223-Lng-D-T	49	chr3:60366350-60366450
chr3	60379050	60379150	1100-Lng-A-T	54	chr3:60379050-60379150
chr3	60391850	60391950	1100-Lng-A-T	65	chr3:60391850-60391950
chr3	60404050	60404150	1188-Lng-A-T	142	chr3:60404050-60404150
chr3	60420450	60420550	1152-Lng-A-T	35	chr3:60420450-60420550
chr3	60430050	60430150	1223-Lng-D-T	165	chr3:60430050-60430150
chr3	60437850	60437950	1188-Lng-A-T	47	chr3:60437850-60437950
chr3	60582650	60582750	1072-Lng-A-T	66	chr3:60582650-60582750
chr3	60764250	60764350	1065-Lng-B-T	62	chr3:60764250-60764350
chr3	60835250	60835350	1274-Lng-A-T	78	chr3:60835250-60835350
chr3	61366950	61367050	1004-Lng-A-T	66	chr3:61366950-61367050
chr3	61548250	61548350	1151-Lng-A-T	73	chr3:61548250-61548350
chr3	61640950	61641050	1152-Lng-A-T	52	chr3:61640950-61641050
chr3	61908450	61908550	1223-Lng-C-T	45	chr3:61908450-61908550
chr3	62017850	62017950	846-Lng-A-T	46	chr3:62017850-62017950
chr3	62208250	62208350	901-Lng-C-T	93	chr3:62208250-62208350
chr3	62218350	62218450	1090-Lng-A-T	156	chr3:62218350-62218450
chr3	62219350	62219450	1152-Lng-A-T	83	chr3:62219350-62219450
chr3	62298050	62298150	1152-Lng-A-T	97	chr3:62298050-62298150
chr3	62308850	62308950	1090-Lng-A-T	83	chr3:62308850-62308950
chr3	62475550	62475650	1100-Lng-A-T	97	chr3:62475550-62475650
chr3	62629350	62629450	846-Lng-A-T	115	chr3:62629350-62629450
chr3	62781550	62781650	846-Lng-A-T	195	chr3:62781550-62781650
chr3	63082450	63082550	1223-Lng-C-T	48	chr3:63082450-63082550
chr3	63090850	63090950	1100-Lng-B-T	113	chr3:63090850-63090950
chr3	63105150	63105250	1274-Lng-A-T	61	chr3:63105150-63105250
chr3	63112450	63112550	1065-Lng-A-T	43	chr3:63112450-63112550
chr3	63172950	63173050	1223-Lng-A-T	134	chr3:63172950-63173050
chr3	63182850	63182950	1274-Lng-A-T	49	chr3:63182850-63182950
chr3	63260850	63260950	1065-Lng-A-T	59	chr3:63260850-63260950
chr3	63419950	63420050	1188-Lng-A-T	90	chr3:63419950-63420050
chr3	63501350	63501450	1223-Lng-D-T	41	chr3:63501350-63501450
chr3	63680350	63680450	1065-Lng-C-T	2025	chr3:63680350-63680450
chr3	63699050	63699150	901-Lng-C-T	60	chr3:63699050-63699150
chr3	63708950	63709050	846-Lng-A-T	216	chr3:63708950-63709050
chr3	63734550	63734650	1072-Lng-A-T	72	chr3:63734550-63734650
chr3	63802450	63802550	1072-Lng-A-T	125	chr3:63802450-63802550
chr3	64092850	64092950	1274-Lng-A-T	129	chr3:64092850-64092950
chr3	64093750	64093850	1152-Lng-A-T	161	chr3:64093750-64093850
chr3	64182250	64182350	1072-Lng-A-T	259	chr3:64182250-64182350
chr3	64244550	64244650	901-Lng-C-T	52	chr3:64244550-64244650
chr3	65121050	65121150	1065-Lng-A-T	50	chr3:65121050-65121150
chr3	65181450	65181550	1223-Lng-B-T	42	chr3:65181450-65181550
chr3	65353950	65354050	1223-Lng-D-T	49	chr3:65353950-65354050
chr3	65354050	65354150	1274-Lng-A-T	121	chr3:65354050-65354150

Table S2: SB Insertion regions

chr3	65364450	65364550	1167-Lng-A-T	113	chr3:65364450-65364550
chr3	65895050	65895150	1151-Lng-A-T	663	chr3:65895050-65895150
chr3	66170750	66170850	901-Lng-C-T	42	chr3:66170750-66170850
chr3	66312350	66312450	846-Lng-A-T	91	chr3:66312350-66312450
chr3	66410450	66410550	1223-Lng-B-T	151	chr3:66410450-66410550
chr3	66859450	66859550	901-Lng-A-T	466	chr3:66859450-66859550
chr3	67082350	67082450	1223-Lng-D-T	40	chr3:67082350-67082450
chr3	67253250	67253350	1065-Lng-B-T	57	chr3:67253250-67253350
chr3	67393750	67393850	1100-Lng-B-T	74	chr3:67393750-67393850
chr3	67449150	67449250	1188-Lng-A-T	58	chr3:67449150-67449250
chr3	67520450	67520550	901-Lng-D-T	127	chr3:67520450-67520550
chr3	67743250	67743350	1223-Lng-C-T	45	chr3:67743250-67743350
chr3	67954050	67954150	1004-Lng-A-T	76	chr3:67954050-67954150
chr3	68144450	68144550	901-Lng-C-T	48	chr3:68144450-68144550
chr3	68273850	68273950	901-Lng-D-T	484	chr3:68273850-68273950
chr3	68335950	68336050	1188-Lng-A-T	37	chr3:68335950-68336050
chr3	68446750	68446850	1072-Lng-A-T	56	chr3:68446750-68446850
chr3	68448350	68448450	846-Lng-A-T	91	chr3:68448350-68448450
chr3	68663650	68663750	1152-Lng-A-T	82	chr3:68663650-68663750
chr3	68840350	68840450	901-Lng-D-T	422	chr3:68840350-68840450
chr3	68844150	68844250	901-Lng-D-T	183	chr3:68844150-68844250
chr3	68858750	68858850	1152-Lng-A-T	34	chr3:68858750-68858850
chr3	68868450	68868550	1223-Lng-B-T	47	chr3:68868450-68868550
chr3	68876350	68876450	1065-Lng-A-T	84	chr3:68876350-68876450
chr3	68892850	68892950	1167-Lng-A-T	70	chr3:68892850-68892950
chr3	68893050	68893150	1065-Lng-B-T	65	chr3:68893050-68893150
chr3	68910050	68910150	1100-Lng-B-T	5539	chr3:68910050-68910150
chr3	68912350	68912450	1065-Lng-A-T	51	chr3:68912350-68912450
chr3	68927750	68927850	1152-Lng-A-T	128	chr3:68927750-68927850
chr3	69178350	69178450	901-Lng-B-T	80	chr3:69178350-69178450
chr3	69541250	69541350	1223-Lng-B-T	41	chr3:69541250-69541350
chr3	69558250	69558350	1090-Lng-B-T	659	chr3:69558250-69558350
chr3	69930350	69930450	1065-Lng-A-T	36	chr3:69930350-69930450
chr3	69976750	69976850	1004-Lng-A-T	55	chr3:69976750-69976850
chr3	70605750	70605850	1072-Lng-A-T	78	chr3:70605750-70605850
chr3	70726050	70726150	1090-Lng-A-T	94	chr3:70726050-70726150
chr3	70876750	70876850	1167-Lng-A-T	82	chr3:70876750-70876850
chr3	70935250	70935350	1188-Lng-A-T	50	chr3:70935250-70935350
chr3	70946750	70946850	1223-Lng-D-T	40	chr3:70946750-70946850
chr3	71030350	71030450	1151-Lng-A-T	420	chr3:71030350-71030450
chr3	71165350	71165450	1090-Lng-A-T	1288	chr3:71165350-71165450
chr3	71426450	71426550	1072-Lng-A-T	98	chr3:71426450-71426550
chr3	71489650	71489750	1152-Lng-A-T	242	chr3:71489650-71489750
chr3	71654050	71654150	1167-Lng-A-T	96	chr3:71654050-71654150
chr3	71997950	71998050	1065-Lng-B-T	100	chr3:71997950-71998050
chr3	72002050	72002150	1004-Lng-A-T	66	chr3:72002050-72002150

Table S2: SB Insertion regions

chr3	72046450	72046550	1072-Lng-A-T	52	chr3:72046450-72046550
chr3	72195750	72195850	901-Lng-C-T	55	chr3:72195750-72195850
chr3	72443450	72443550	1072-Lng-A-T	143	chr3:72443450-72443550
chr3	72458150	72458250	1223-Lng-C-T	60	chr3:72458150-72458250
chr3	73019650	73019750	1223-Lng-B-T	41	chr3:73019650-73019750
chr3	73418850	73418950	846-Lng-A-T	54	chr3:73418850-73418950
chr3	74014250	74014350	1152-Lng-A-T	47	chr3:74014250-74014350
chr3	74055750	74055850	1072-Lng-A-T	49	chr3:74055750-74055850
chr3	74107950	74108050	1151-Lng-A-T	55	chr3:74107950-74108050
chr3	74125850	74125950	1188-Lng-A-T	41	chr3:74125850-74125950
chr3	74251650	74251750	1188-Lng-A-T	164	chr3:74251650-74251750
chr3	74348250	74348350	1223-Lng-B-T	41	chr3:74348250-74348350
chr3	74410350	74410450	901-Lng-D-T	205	chr3:74410350-74410450
chr3	74437950	74438050	901-Lng-A-T	54	chr3:74437950-74438050
chr3	74483550	74483650	901-Lng-A-T	75	chr3:74483550-74483650
chr3	74603150	74603250	1072-Lng-A-T	98	chr3:74603150-74603250
chr3	74868150	74868250	901-Lng-B-T	49	chr3:74868150-74868250
chr3	74878150	74878250	1100-Lng-A-T	56	chr3:74878150-74878250
chr3	74886050	74886150	1072-Lng-A-T	51	chr3:74886050-74886150
chr3	74914950	74915050	1223-Lng-B-T	174	chr3:74914950-74915050
chr3	75041750	75041850	1090-Lng-A-T	57	chr3:75041750-75041850
chr3	75212450	75212550	1274-Lng-A-T	116	chr3:75212450-75212550
chr3	75333450	75333550	1152-Lng-A-T	121	chr3:75333450-75333550
chr3	75336750	75336850	1100-Lng-A-T	100	chr3:75336750-75336850
chr3	75344850	75344950	901-Lng-A-T	58	chr3:75344850-75344950
chr3	75344850	75344950	1072-Lng-A-T	56	chr3:75344850-75344950
chr3	75677550	75677650	1065-Lng-B-T	39	chr3:75677550-75677650
chr3	75704650	75704750	1065-Lng-A-T	46	chr3:75704650-75704750
chr3	75726450	75726550	1065-Lng-A-T	43	chr3:75726450-75726550
chr3	75879350	75879450	1065-Lng-A-T	79	chr3:75879350-75879450
chr3	76128250	76128350	1072-Lng-A-T	84	chr3:76128250-76128350
chr3	76365450	76365550	901-Lng-B-T	122	chr3:76365450-76365550
chr3	76557050	76557150	1090-Lng-A-T	150	chr3:76557050-76557150
chr3	76606150	76606250	1100-Lng-A-T	65	chr3:76606150-76606250
chr3	76815950	76816050	901-Lng-A-T	93	chr3:76815950-76816050
chr3	77151750	77151850	1152-Lng-A-T	69	chr3:77151750-77151850
chr3	77152750	77152850	846-Lng-A-T	44	chr3:77152750-77152850
chr3	77175750	77175850	1004-Lng-A-T	71	chr3:77175750-77175850
chr3	77493050	77493150	1152-Lng-A-T	32	chr3:77493050-77493150
chr3	77631250	77631350	1223-Lng-B-T	54	chr3:77631250-77631350
chr3	77645650	77645750	1152-Lng-A-T	40	chr3:77645650-77645750
chr3	77704050	77704150	1004-Lng-A-T	113	chr3:77704050-77704150
chr3	77767050	77767150	901-Lng-B-T	131	chr3:77767050-77767150
chr3	77849350	77849450	1004-Lng-A-T	67	chr3:77849350-77849450
chr3	77964950	77965050	1065-Lng-B-T	46	chr3:77964950-77965050
chr3	78135250	78135350	1100-Lng-A-T	53	chr3:78135250-78135350

Table S2: SB Insertion regions

chr3	78731150	78731250	1188-Lng-A-T	38	chr3:78731150-78731250
chr3	78889550	78889650	901-Lng-A-T	72	chr3:78889550-78889650
chr3	78957650	78957750	901-Lng-A-T	487	chr3:78957650-78957750
chr3	78969250	78969350	846-Lng-A-T	88	chr3:78969250-78969350
chr3	79023250	79023350	846-Lng-A-T	86	chr3:79023250-79023350
chr3	79077950	79078050	1065-Lng-A-T	68	chr3:79077950-79078050
chr3	79415250	79415350	1065-Lng-C-T	65	chr3:79415250-79415350
chr3	79565450	79565550	901-Lng-A-T	359	chr3:79565450-79565550
chr3	79668850	79668950	1223-Lng-B-T	44	chr3:79668850-79668950
chr3	79880650	79880750	901-Lng-A-T	133	chr3:79880650-79880750
chr3	79886450	79886550	1065-Lng-B-T	40	chr3:79886450-79886550
chr3	79920650	79920750	901-Lng-A-T	50	chr3:79920650-79920750
chr3	80016550	80016650	901-Lng-A-T	104	chr3:80016550-80016650
chr3	80087350	80087450	1151-Lng-A-T	189	chr3:80087350-80087450
chr3	80286150	80286250	1167-Lng-A-T	46	chr3:80286150-80286250
chr3	80482650	80482750	1090-Lng-A-T	117	chr3:80482650-80482750
chr3	80483950	80484050	901-Lng-B-T	238	chr3:80483950-80484050
chr3	80588950	80589050	901-Lng-C-T	44	chr3:80588950-80589050
chr3	80618450	80618550	1100-Lng-A-T	64	chr3:80618450-80618550
chr3	80948250	80948350	1223-Lng-C-T	64	chr3:80948250-80948350
chr3	81132350	81132450	901-Lng-A-T	65	chr3:81132350-81132450
chr3	81187350	81187450	1072-Lng-A-T	72	chr3:81187350-81187450
chr3	81223750	81223850	1167-Lng-A-T	69	chr3:81223750-81223850
chr3	81226750	81226850	1065-Lng-A-T	46	chr3:81226750-81226850
chr3	81331950	81332050	1274-Lng-A-T	96	chr3:81331950-81332050
chr3	81410750	81410850	1004-Lng-A-T	531	chr3:81410750-81410850
chr3	81451550	81451650	1004-Lng-A-T	53	chr3:81451550-81451650
chr3	81478450	81478550	1072-Lng-A-T	53	chr3:81478450-81478550
chr3	81576550	81576650	1223-Lng-C-T	54	chr3:81576550-81576650
chr3	81932150	81932250	1065-Lng-A-T	76	chr3:81932150-81932250
chr3	81986350	81986450	1167-Lng-A-T	49	chr3:81986350-81986450
chr3	82403350	82403450	1065-Lng-A-T	71	chr3:82403350-82403450
chr3	82428150	82428250	901-Lng-D-T	374	chr3:82428150-82428250
chr3	82521350	82521450	1223-Lng-B-T	53	chr3:82521350-82521450
chr3	82855950	82856050	901-Lng-D-T	39	chr3:82855950-82856050
chr3	82884950	82885050	1223-Lng-B-T	191	chr3:82884950-82885050
chr3	83118050	83118150	901-Lng-D-T	42	chr3:83118050-83118150
chr3	83242950	83243050	1004-Lng-A-T	63	chr3:83242950-83243050
chr3	83276750	83276850	1223-Lng-A-T	167	chr3:83276750-83276850
chr3	83420850	83420950	1100-Lng-A-T	92	chr3:83420850-83420950
chr3	83746950	83747050	846-Lng-A-T	1710	chr3:83746950-83747050
chr3	83748250	83748350	1065-Lng-C-T	100	chr3:83748250-83748350
chr3	83863050	83863150	1188-Lng-A-T	63	chr3:83863050-83863150
chr3	83896950	83897050	1223-Lng-B-T	43	chr3:83896950-83897050
chr3	84043050	84043150	901-Lng-A-T	72	chr3:84043050-84043150
chr3	84054450	84054550	1167-Lng-A-T	259	chr3:84054450-84054550

Table S2: SB Insertion regions

chr3	84085450	84085550	1004-Lng-A-T	390	chr3:84085450-84085550
chr3	84213150	84213250	1274-Lng-A-T	68	chr3:84213150-84213250
chr3	84294350	84294450	901-Lng-B-T	142	chr3:84294350-84294450
chr3	84316550	84316650	1223-Lng-C-T	43	chr3:84316550-84316650
chr3	84345450	84345550	1274-Lng-A-T	55	chr3:84345450-84345550
chr3	84456550	84456650	901-Lng-B-T	37	chr3:84456550-84456650
chr3	84466550	84466650	901-Lng-C-T	60	chr3:84466550-84466650
chr3	84666550	84666650	1100-Lng-A-T	89	chr3:84666550-84666650
chr3	84681650	84681750	1004-Lng-A-T	138	chr3:84681650-84681750
chr3	84703850	84703950	1223-Lng-D-T	54	chr3:84703850-84703950
chr3	84712050	84712150	1004-Lng-A-T	50	chr3:84712050-84712150
chr3	84746750	84746850	1065-Lng-C-T	64	chr3:84746750-84746850
chr3	85459450	85459550	1223-Lng-B-T	42	chr3:85459450-85459550
chr3	85587850	85587950	1065-Lng-A-T	61	chr3:85587850-85587950
chr3	85600950	85601050	1090-Lng-A-T	47	chr3:85600950-85601050
chr3	85673550	85673650	901-Lng-A-T	72	chr3:85673550-85673650
chr3	85830350	85830450	1100-Lng-A-T	55	chr3:85830350-85830450
chr3	85920650	85920750	1167-Lng-A-T	63	chr3:85920650-85920750
chr3	85990950	85991050	1065-Lng-B-T	48	chr3:85990950-85991050
chr3	86012350	86012450	1065-Lng-C-T	145	chr3:86012350-86012450
chr3	86075150	86075250	1065-Lng-B-T	51	chr3:86075150-86075250
chr3	86148350	86148450	1152-Lng-A-T	54	chr3:86148350-86148450
chr3	86311950	86312050	1274-Lng-A-T	76	chr3:86311950-86312050
chr3	86419950	86420050	901-Lng-D-T	304	chr3:86419950-86420050
chr3	86439350	86439450	1090-Lng-B-T	732	chr3:86439350-86439450
chr3	86473150	86473250	1223-Lng-A-T	158	chr3:86473150-86473250
chr3	86476850	86476950	901-Lng-A-T	184	chr3:86476850-86476950
chr3	86489450	86489550	1065-Lng-A-T	55	chr3:86489450-86489550
chr3	86507250	86507350	1223-Lng-A-T	172	chr3:86507250-86507350
chr3	86525550	86525650	1004-Lng-A-T	53	chr3:86525550-86525650
chr3	86529350	86529450	1223-Lng-D-T	172	chr3:86529350-86529450
chr3	86539450	86539550	1090-Lng-A-T	108	chr3:86539450-86539550
chr3	86569550	86569650	1223-Lng-A-T	152	chr3:86569550-86569650
chr3	87104250	87104350	1004-Lng-A-T	534	chr3:87104250-87104350
chr3	87477050	87477150	1223-Lng-A-T	67	chr3:87477050-87477150
chr3	87479750	87479850	1274-Lng-A-T	49	chr3:87479750-87479850
chr3	87588550	87588650	1072-Lng-A-T	103	chr3:87588550-87588650
chr3	87940350	87940450	1100-Lng-A-T	53	chr3:87940350-87940450
chr3	87956450	87956550	1072-Lng-A-T	86	chr3:87956450-87956550
chr3	87961450	87961550	1152-Lng-A-T	48	chr3:87961450-87961550
chr3	87984850	87984950	1090-Lng-A-T	85	chr3:87984850-87984950
chr3	88083250	88083350	901-Lng-A-T	95	chr3:88083250-88083350
chr3	88124550	88124650	1274-Lng-A-T	50	chr3:88124550-88124650
chr3	88183150	88183250	1274-Lng-A-T	201	chr3:88183150-88183250
chr3	88310550	88310650	1151-Lng-A-T	99	chr3:88310550-88310650
chr3	88509350	88509450	1004-Lng-A-T	74	chr3:88509350-88509450

Table S2: SB Insertion regions

chr3	88643450	88643550	1274-Lng-A-T	91	chr3:88643450-88643550
chr3	88666550	88666650	1167-Lng-A-T	81	chr3:88666550-88666650
chr3	88705650	88705750	1151-Lng-A-T	77	chr3:88705650-88705750
chr3	88714350	88714450	1065-Lng-C-T	1987	chr3:88714350-88714450
chr3	88719950	88720050	1065-Lng-B-T	75	chr3:88719950-88720050
chr3	88781750	88781850	1065-Lng-A-T	144	chr3:88781750-88781850
chr3	88810750	88810850	901-Lng-A-T	229	chr3:88810750-88810850
chr3	88859150	88859250	901-Lng-A-T	272	chr3:88859150-88859250
chr3	89229050	89229150	901-Lng-D-T	108	chr3:89229050-89229150
chr3	89271550	89271650	901-Lng-C-T	52	chr3:89271550-89271650
chr3	89389350	89389450	1152-Lng-A-T	94	chr3:89389350-89389450
chr3	89474650	89474750	901-Lng-C-T	44	chr3:89474650-89474750
chr3	89801250	89801350	1223-Lng-A-T	147	chr3:89801250-89801350
chr3	89818050	89818150	1152-Lng-A-T	36	chr3:89818050-89818150
chr3	89831450	89831550	1065-Lng-C-T	99	chr3:89831450-89831550
chr3	89841650	89841750	1223-Lng-A-T	164	chr3:89841650-89841750
chr3	89849950	89850050	1065-Lng-A-T	76	chr3:89849950-89850050
chr3	89898650	89898750	1090-Lng-A-T	70	chr3:89898650-89898750
chr3	89905950	89906050	1188-Lng-A-T	249	chr3:89905950-89906050
chr3	89977150	89977250	1274-Lng-A-T	113	chr3:89977150-89977250
chr3	90120750	90120850	1188-Lng-A-T	37	chr3:90120750-90120850
chr3	90127250	90127350	1065-Lng-A-T	69	chr3:90127250-90127350
chr3	90128450	90128550	1188-Lng-A-T	124	chr3:90128450-90128550
chr3	90156250	90156350	1274-Lng-A-T	155	chr3:90156250-90156350
chr3	90312050	90312150	1065-Lng-A-T	39	chr3:90312050-90312150
chr3	90326250	90326350	901-Lng-A-T	68	chr3:90326250-90326350
chr3	90342550	90342650	901-Lng-A-T	121	chr3:90342550-90342650
chr3	90633750	90633850	1065-Lng-B-T	66	chr3:90633750-90633850
chr3	90749950	90750050	901-Lng-D-T	150	chr3:90749950-90750050
chr3	90853050	90853150	1188-Lng-A-T	59	chr3:90853050-90853150
chr3	91062950	91063050	1065-Lng-C-T	143	chr3:91062950-91063050
chr3	91106450	91106550	1151-Lng-A-T	64	chr3:91106450-91106550
chr3	91218250	91218350	1004-Lng-A-T	59	chr3:91218250-91218350
chr3	92459150	92459250	1004-Lng-A-T	69	chr3:92459150-92459250
chr3	92469650	92469750	901-Lng-C-T	61	chr3:92469650-92469750
chr3	92645350	92645450	1152-Lng-A-T	127	chr3:92645350-92645450
chr3	92787750	92787850	1100-Lng-A-T	99	chr3:92787750-92787850
chr3	93071050	93071150	901-Lng-A-T	60	chr3:93071050-93071150
chr3	93183750	93183850	901-Lng-A-T	67	chr3:93183750-93183850
chr3	93374850	93374950	1100-Lng-A-T	196	chr3:93374850-93374950
chr3	93487650	93487750	1152-Lng-A-T	61	chr3:93487650-93487750
chr3	93678450	93678550	1004-Lng-A-T	167	chr3:93678450-93678550
chr3	94202650	94202750	1274-Lng-A-T	168	chr3:94202650-94202750
chr3	94304750	94304850	1100-Lng-B-T	57	chr3:94304750-94304850
chr3	94313450	94313550	901-Lng-D-T	151	chr3:94313450-94313550
chr3	94315850	94315950	1100-Lng-A-T	60	chr3:94315850-94315950

Table S2: SB Insertion regions

chr3	94321450	94321550	1090-Lng-A-T	161	chr3:94321450-94321550
chr3	94365150	94365250	1274-Lng-A-T	689	chr3:94365150-94365250
chr3	94456850	94456950	1274-Lng-A-T	78	chr3:94456850-94456950
chr3	94461750	94461850	1100-Lng-A-T	82	chr3:94461750-94461850
chr3	94655950	94656050	1223-Lng-C-T	123	chr3:94655950-94656050
chr3	94667150	94667250	1152-Lng-A-T	38	chr3:94667150-94667250
chr3	94723050	94723150	1167-Lng-A-T	164	chr3:94723050-94723150
chr3	94740950	94741050	1223-Lng-D-T	424	chr3:94740950-94741050
chr3	94807550	94807650	901-Lng-C-T	42	chr3:94807550-94807650
chr3	94833250	94833350	1274-Lng-A-T	58	chr3:94833250-94833350
chr3	95015550	95015650	1151-Lng-A-T	62	chr3:95015550-95015650
chr3	95020750	95020850	1274-Lng-A-T	51	chr3:95020750-95020850
chr3	95065750	95065850	1223-Lng-D-T	53	chr3:95065750-95065850
chr3	95068550	95068650	1274-Lng-A-T	54	chr3:95068550-95068650
chr3	95087950	95088050	901-Lng-D-T	237	chr3:95087950-95088050
chr3	95104050	95104150	1274-Lng-A-T	82	chr3:95104050-95104150
chr3	95254350	95254450	901-Lng-D-T	299	chr3:95254350-95254450
chr3	95259550	95259650	1065-Lng-C-T	95	chr3:95259550-95259650
chr3	95262850	95262950	1223-Lng-B-T	117	chr3:95262850-95262950
chr3	95364350	95364450	1223-Lng-B-T	515	chr3:95364350-95364450
chr3	95397650	95397750	1072-Lng-A-T	108	chr3:95397650-95397750
chr3	95464750	95464850	1151-Lng-A-T	64	chr3:95464750-95464850
chr3	95502650	95502750	901-Lng-A-T	57	chr3:95502650-95502750
chr3	95533450	95533550	901-Lng-A-T	82	chr3:95533450-95533550
chr3	95676450	95676550	1151-Lng-A-T	362	chr3:95676450-95676550
chr3	95677650	95677750	1274-Lng-A-T	125	chr3:95677650-95677750
chr3	95694850	95694950	1274-Lng-A-T	69	chr3:95694850-95694950
chr3	95882950	95883050	1065-Lng-A-T	52	chr3:95882950-95883050
chr3	95943150	95943250	1223-Lng-A-T	585	chr3:95943150-95943250
chr3	95950350	95950450	901-Lng-B-T	140	chr3:95950350-95950450
chr3	97015650	97015750	1274-Lng-A-T	49	chr3:97015650-97015750
chr3	97363450	97363550	1152-Lng-A-T	89	chr3:97363450-97363550
chr3	97447250	97447350	1223-Lng-D-T	55	chr3:97447250-97447350
chr3	97491150	97491250	1274-Lng-A-T	81	chr3:97491150-97491250
chr3	97505150	97505250	1065-Lng-B-T	95	chr3:97505150-97505250
chr3	97565850	97565950	901-Lng-A-T	139	chr3:97565850-97565950
chr3	97604350	97604450	1151-Lng-A-T	179	chr3:97604350-97604450
chr3	97707950	97708050	901-Lng-B-T	154	chr3:97707950-97708050
chr3	97858150	97858250	1090-Lng-A-T	52	chr3:97858150-97858250
chr3	97869750	97869850	1152-Lng-A-T	445	chr3:97869750-97869850
chr3	97874650	97874750	1072-Lng-A-T	125	chr3:97874650-97874750
chr3	97910350	97910450	1100-Lng-A-T	170	chr3:97910350-97910450
chr3	97916550	97916650	1223-Lng-B-T	54	chr3:97916550-97916650
chr3	97953050	97953150	901-Lng-B-T	98	chr3:97953050-97953150
chr3	98144050	98144150	1274-Lng-A-T	124	chr3:98144050-98144150
chr3	98189850	98189950	1151-Lng-A-T	87	chr3:98189850-98189950

Table S2: SB Insertion regions

chr3	98450850	98450950	1065-Lng-B-T	51	chr3:98450850-98450950
chr3	98592650	98592750	1090-Lng-A-T	505	chr3:98592650-98592750
chr3	98642950	98643050	901-Lng-A-T	160	chr3:98642950-98643050
chr3	98677450	98677550	1065-Lng-B-T	49	chr3:98677450-98677550
chr3	98737250	98737350	1065-Lng-B-T	99	chr3:98737250-98737350
chr3	98777850	98777950	1223-Lng-A-T	198	chr3:98777850-98777950
chr3	99011150	99011250	1065-Lng-C-T	90	chr3:99011150-99011250
chr3	99032550	99032650	1223-Lng-A-T	287	chr3:99032550-99032650
chr3	99049250	99049350	1274-Lng-A-T	94	chr3:99049250-99049350
chr3	99498750	99498850	1090-Lng-A-T	149	chr3:99498750-99498850
chr3	99528750	99528850	1090-Lng-A-T	81	chr3:99528750-99528850
chr3	99539050	99539150	1151-Lng-A-T	63	chr3:99539050-99539150
chr3	99540650	99540750	1152-Lng-A-T	36	chr3:99540650-99540750
chr3	99669850	99669950	1152-Lng-A-T	101	chr3:99669850-99669950
chr3	100138150	100138250	1152-Lng-A-T	101	chr3:100138150-100138250
chr3	100385750	100385850	1065-Lng-B-T	107	chr3:100385750-100385850
chr3	100395950	100396050	1072-Lng-A-T	142	chr3:100395950-100396050
chr3	100419650	100419750	1065-Lng-B-T	64	chr3:100419650-100419750
chr3	100427950	100428050	1152-Lng-A-T	94	chr3:100427950-100428050
chr3	100428550	100428650	1188-Lng-A-T	232	chr3:100428550-100428650
chr3	100433050	100433150	1090-Lng-A-T	61	chr3:100433050-100433150
chr3	100764350	100764450	1223-Lng-C-T	72	chr3:100764350-100764450
chr3	100815450	100815550	1152-Lng-A-T	797	chr3:100815450-100815550
chr3	100834350	100834450	1004-Lng-A-T	469	chr3:100834350-100834450
chr3	100839450	100839550	1223-Lng-C-T	43	chr3:100839450-100839550
chr3	100843150	100843250	1188-Lng-A-T	47	chr3:100843150-100843250
chr3	100859950	100860050	1151-Lng-A-T	497	chr3:100859950-100860050
chr3	100979150	100979250	1072-Lng-A-T	147	chr3:100979150-100979250
chr3	101093750	101093850	1072-Lng-A-T	92	chr3:101093750-101093850
chr3	101223950	101224050	1274-Lng-A-T	54	chr3:101223950-101224050
chr3	101391350	101391450	1100-Lng-A-T	54	chr3:101391350-101391450
chr3	101468750	101468850	1100-Lng-A-T	143	chr3:101468750-101468850
chr3	101514550	101514650	1004-Lng-A-T	59	chr3:101514550-101514650
chr3	101579350	101579450	1065-Lng-A-T	68	chr3:101579350-101579450
chr3	101637250	101637350	1167-Lng-A-T	51	chr3:101637250-101637350
chr3	101912550	101912650	901-Lng-D-T	614	chr3:101912550-101912650
chr3	102102750	102102850	1065-Lng-A-T	91	chr3:102102750-102102850
chr3	102774550	102774650	1151-Lng-A-T	90	chr3:102774550-102774650
chr3	102843650	102843750	901-Lng-B-T	273	chr3:102843650-102843750
chr3	103036450	103036550	901-Lng-B-T	184	chr3:103036450-103036550
chr3	103088550	103088650	1223-Lng-B-T	38	chr3:103088550-103088650
chr3	103105650	103105750	1004-Lng-A-T	351	chr3:103105650-103105750
chr3	103136750	103136850	901-Lng-B-T	122	chr3:103136750-103136850
chr3	103143550	103143650	1065-Lng-A-T	41	chr3:103143550-103143650
chr3	103279550	103279650	1152-Lng-A-T	37	chr3:103279550-103279650
chr3	103570050	103570150	1152-Lng-A-T	171	chr3:103570050-103570150

Table S2: SB Insertion regions

chr3	103582350	103582450	1152-Lng-A-T	97	chr3:103582350-103582450
chr3	103617750	103617850	1274-Lng-A-T	69	chr3:103617750-103617850
chr3	103740450	103740550	1090-Lng-A-T	66	chr3:103740450-103740550
chr3	103752950	103753050	1167-Lng-A-T	132	chr3:103752950-103753050
chr3	103756550	103756650	1090-Lng-A-T	85	chr3:103756550-103756650
chr3	103764750	103764850	901-Lng-A-T	166	chr3:103764750-103764850
chr3	103813350	103813450	1090-Lng-A-T	79	chr3:103813350-103813450
chr3	103837150	103837250	1151-Lng-A-T	330	chr3:103837150-103837250
chr3	103857850	103857950	1152-Lng-A-T	51	chr3:103857850-103857950
chr3	103880150	103880250	1152-Lng-A-T	269	chr3:103880150-103880250
chr3	103882550	103882650	901-Lng-A-T	50	chr3:103882550-103882650
chr3	103913050	103913150	1223-Lng-A-T	86	chr3:103913050-103913150
chr3	103927450	103927550	901-Lng-A-T	161	chr3:103927450-103927550
chr3	103936350	103936450	1223-Lng-B-T	37	chr3:103936350-103936450
chr3	103947950	103948050	1072-Lng-A-T	164	chr3:103947950-103948050
chr3	103949250	103949350	1065-Lng-A-T	91	chr3:103949250-103949350
chr3	103952350	103952450	1152-Lng-A-T	41	chr3:103952350-103952450
chr3	103952850	103952950	846-Lng-A-T	364	chr3:103952850-103952950
chr3	104038050	104038150	1065-Lng-C-T	63	chr3:104038050-104038150
chr3	104299750	104299850	846-Lng-A-T	43	chr3:104299750-104299850
chr3	104367850	104367950	1065-Lng-B-T	40	chr3:104367850-104367950
chr3	104601350	104601450	846-Lng-A-T	52	chr3:104601350-104601450
chr3	104657850	104657950	901-Lng-C-T	143	chr3:104657850-104657950
chr3	104715650	104715750	1100-Lng-A-T	85	chr3:104715650-104715750
chr3	104718650	104718750	1167-Lng-A-T	74	chr3:104718650-104718750
chr3	104738450	104738550	1274-Lng-A-T	64	chr3:104738450-104738550
chr3	104748550	104748650	901-Lng-B-T	71	chr3:104748550-104748650
chr3	105127550	105127650	1167-Lng-A-T	97	chr3:105127550-105127650
chr3	105172550	105172650	1152-Lng-A-T	63	chr3:105172550-105172650
chr3	105248050	105248150	1072-Lng-A-T	80	chr3:105248050-105248150
chr3	105337450	105337550	1065-Lng-A-T	81	chr3:105337450-105337550
chr3	105485350	105485450	1100-Lng-A-T	96	chr3:105485350-105485450
chr3	105586150	105586250	1004-Lng-A-T	51	chr3:105586150-105586250
chr3	105589150	105589250	1223-Lng-D-T	196	chr3:105589150-105589250
chr3	105733750	105733850	1223-Lng-D-T	393	chr3:105733750-105733850
chr3	105744950	105745050	1223-Lng-D-T	55	chr3:105744950-105745050
chr3	105745850	105745950	1223-Lng-A-T	161	chr3:105745850-105745950
chr3	105837450	105837550	1065-Lng-A-T	59	chr3:105837450-105837550
chr3	106267250	106267350	1274-Lng-A-T	150	chr3:106267250-106267350
chr3	106308450	106308550	1152-Lng-A-T	133	chr3:106308450-106308550
chr3	106355250	106355350	1100-Lng-A-T	123	chr3:106355250-106355350
chr3	106566150	106566250	1065-Lng-C-T	90	chr3:106566150-106566250
chr3	106617450	106617550	1065-Lng-C-T	113	chr3:106617450-106617550
chr3	107111550	107111650	1065-Lng-C-T	63	chr3:107111550-107111650
chr3	107168350	107168450	1065-Lng-A-T	60	chr3:107168350-107168450
chr3	107419650	107419750	901-Lng-B-T	354	chr3:107419650-107419750

Table S2: SB Insertion regions

chr3	107427050	107427150	1072-Lng-A-T	104	chr3:107427050-107427150
chr3	107472750	107472850	1100-Lng-A-T	231	chr3:107472750-107472850
chr3	107774650	107774750	1274-Lng-A-T	133	chr3:107774650-107774750
chr3	107927550	107927650	1072-Lng-A-T	202	chr3:107927550-107927650
chr3	107936550	107936650	1004-Lng-A-T	55	chr3:107936550-107936650
chr3	107975150	107975250	1151-Lng-A-T	56	chr3:107975150-107975250
chr3	108005450	108005550	1065-Lng-B-T	76	chr3:108005450-108005550
chr3	108138950	108139050	1100-Lng-A-T	280	chr3:108138950-108139050
chr3	108157550	108157650	1274-Lng-A-T	124	chr3:108157550-108157650
chr3	108186050	108186150	1100-Lng-A-T	52	chr3:108186050-108186150
chr3	108254050	108254150	1065-Lng-A-T	67	chr3:108254050-108254150
chr3	108289150	108289250	1167-Lng-A-T	111	chr3:108289150-108289250
chr3	108305450	108305550	1100-Lng-A-T	102	chr3:108305450-108305550
chr3	108396550	108396650	1090-Lng-A-T	99	chr3:108396550-108396650
chr3	108609250	108609350	901-Lng-D-T	355	chr3:108609250-108609350
chr3	108693150	108693250	1223-Lng-A-T	163	chr3:108693150-108693250
chr3	108884750	108884850	1223-Lng-D-T	42	chr3:108884750-108884850
chr3	109436750	109436850	1167-Lng-A-T	54	chr3:109436750-109436850
chr3	109637650	109637750	1223-Lng-A-T	63	chr3:109637650-109637750
chr3	109721250	109721350	1223-Lng-B-T	48	chr3:109721250-109721350
chr3	109797950	109798050	901-Lng-A-T	73	chr3:109797950-109798050
chr3	109986150	109986250	1065-Lng-C-T	114	chr3:109986150-109986250
chr3	110050850	110050950	1167-Lng-A-T	662	chr3:110050850-110050950
chr3	110280350	110280450	1152-Lng-A-T	35	chr3:110280350-110280450
chr3	110420450	110420550	1065-Lng-B-T	67	chr3:110420450-110420550
chr3	110470250	110470350	1223-Lng-A-T	218	chr3:110470250-110470350
chr3	110474950	110475050	1065-Lng-B-T	45	chr3:110474950-110475050
chr3	110554950	110555050	1065-Lng-B-T	59	chr3:110554950-110555050
chr3	110870650	110870750	1223-Lng-A-T	201	chr3:110870650-110870750
chr3	110927950	110928050	1065-Lng-A-T	35	chr3:110927950-110928050
chr3	110955750	110955850	1090-Lng-A-T	49	chr3:110955750-110955850
chr3	111013250	111013350	901-Lng-C-T	68	chr3:111013250-111013350
chr3	111075350	111075450	901-Lng-C-T	45	chr3:111075350-111075450
chr3	111175250	111175350	1065-Lng-B-T	65	chr3:111175250-111175350
chr3	111314650	111314750	1274-Lng-A-T	56	chr3:111314650-111314750
chr3	111629350	111629450	1152-Lng-A-T	142	chr3:111629350-111629450
chr3	111984150	111984250	1274-Lng-A-T	79	chr3:111984150-111984250
chr3	112022150	112022250	1152-Lng-A-T	117	chr3:112022150-112022250
chr3	112401950	112402050	1274-Lng-A-T	166	chr3:112401950-112402050
chr3	112447250	112447350	901-Lng-B-T	230	chr3:112447250-112447350
chr3	112489350	112489450	1090-Lng-A-T	74	chr3:112489350-112489450
chr3	112660750	112660850	901-Lng-B-T	52	chr3:112660750-112660850
chr3	112705150	112705250	1223-Lng-B-T	45	chr3:112705150-112705250
chr3	112773150	112773250	901-Lng-D-T	225	chr3:112773150-112773250
chr3	112796250	112796350	1072-Lng-A-T	60	chr3:112796250-112796350
chr3	112844450	112844550	846-Lng-A-T	98	chr3:112844450-112844550

Table S2: SB Insertion regions

chr3	112877850	112877950	1152-Lng-A-T	47	chr3:112877850-112877950
chr3	113338050	113338150	1072-Lng-A-T	122	chr3:113338050-113338150
chr3	113472550	113472650	1065-Lng-C-T	100	chr3:113472550-113472650
chr3	113525350	113525450	1065-Lng-A-T	72	chr3:113525350-113525450
chr3	113558250	113558350	901-Lng-C-T	51	chr3:113558250-113558350
chr3	113666050	113666150	1152-Lng-A-T	128	chr3:113666050-113666150
chr3	113826250	113826350	1072-Lng-A-T	160	chr3:113826250-113826350
chr3	114128550	114128650	1223-Lng-D-T	41	chr3:114128550-114128650
chr3	114194950	114195050	1188-Lng-A-T	40	chr3:114194950-114195050
chr3	114303550	114303650	846-Lng-A-T	45	chr3:114303550-114303650
chr3	114400450	114400550	1151-Lng-A-T	368	chr3:114400450-114400550
chr3	114808650	114808750	846-Lng-A-T	61	chr3:114808650-114808750
chr3	115164750	115164850	901-Lng-C-T	59	chr3:115164750-115164850
chr3	115263350	115263450	1100-Lng-A-T	122	chr3:115263350-115263450
chr3	115630650	115630750	1090-Lng-B-T	879	chr3:115630650-115630750
chr3	115649950	115650050	1223-Lng-B-T	249	chr3:115649950-115650050
chr3	115675850	115675950	1065-Lng-A-T	86	chr3:115675850-115675950
chr3	115688750	115688850	1223-Lng-D-T	47	chr3:115688750-115688850
chr3	115694350	115694450	1065-Lng-A-T	84	chr3:115694350-115694450
chr3	115712750	115712850	1090-Lng-A-T	633	chr3:115712750-115712850
chr3	115793550	115793650	1072-Lng-A-T	110	chr3:115793550-115793650
chr3	115897950	115898050	901-Lng-B-T	43	chr3:115897950-115898050
chr3	115938850	115938950	901-Lng-B-T	156	chr3:115938850-115938950
chr3	115951050	115951150	1274-Lng-A-T	107	chr3:115951050-115951150
chr3	116011550	116011650	1065-Lng-B-T	94	chr3:116011550-116011650
chr3	116069250	116069350	1004-Lng-A-T	50	chr3:116069250-116069350
chr3	116085150	116085250	846-Lng-A-T	170	chr3:116085150-116085250
chr3	116097150	116097250	1100-Lng-A-T	61	chr3:116097150-116097250
chr3	116113450	116113550	1004-Lng-A-T	197	chr3:116113450-116113550
chr3	116184350	116184450	901-Lng-B-T	110	chr3:116184350-116184450
chr3	116535750	116535850	1223-Lng-B-T	174	chr3:116535750-116535850
chr3	116650950	116651050	846-Lng-A-T	2148	chr3:116650950-116651050
chr3	116743550	116743650	1065-Lng-C-T	64	chr3:116743550-116743650
chr3	117384050	117384150	1065-Lng-A-T	60	chr3:117384050-117384150
chr3	117405050	117405150	901-Lng-B-T	187	chr3:117405050-117405150
chr3	117427150	117427250	1223-Lng-D-T	75	chr3:117427150-117427250
chr3	117451550	117451650	901-Lng-B-T	150	chr3:117451550-117451650
chr3	117500750	117500850	1274-Lng-A-T	121	chr3:117500750-117500850
chr3	117504850	117504950	1274-Lng-A-T	60	chr3:117504850-117504950
chr3	117557050	117557150	846-Lng-A-T	1333	chr3:117557050-117557150
chr3	117681850	117681950	1152-Lng-A-T	88	chr3:117681850-117681950
chr3	118036750	118036850	1274-Lng-A-T	61	chr3:118036750-118036850
chr3	118121750	118121850	1072-Lng-A-T	70	chr3:118121750-118121850
chr3	118579550	118579650	1065-Lng-A-T	73	chr3:118579550-118579650
chr3	118931650	118931750	1090-Lng-A-T	57	chr3:118931650-118931750
chr3	119041650	119041750	1065-Lng-A-T	58	chr3:119041650-119041750

Table S2: SB Insertion regions

chr3	119051150	119051250	1065-Lng-A-T	77	chr3:119051150-119051250
chr3	119116250	119116350	1152-Lng-A-T	214	chr3:119116250-119116350
chr3	119150250	119150350	1188-Lng-A-T	81	chr3:119150250-119150350
chr3	119317750	119317850	1065-Lng-A-T	40	chr3:119317750-119317850
chr3	119323550	119323650	1065-Lng-A-T	115	chr3:119323550-119323650
chr3	119427450	119427550	1004-Lng-A-T	74	chr3:119427450-119427550
chr3	119441850	119441950	1151-Lng-A-T	487	chr3:119441850-119441950
chr3	119476150	119476250	1151-Lng-A-T	165	chr3:119476150-119476250
chr3	119680150	119680250	901-Lng-C-T	190	chr3:119680150-119680250
chr3	119841750	119841850	1065-Lng-B-T	96	chr3:119841750-119841850
chr3	119880450	119880550	1223-Lng-A-T	81	chr3:119880450-119880550
chr3	119953450	119953550	1274-Lng-A-T	132	chr3:119953450-119953550
chr3	120479550	120479650	1065-Lng-A-T	43	chr3:120479550-120479650
chr3	120948950	120949050	1065-Lng-B-T	44	chr3:120948950-120949050
chr3	121033050	121033150	1065-Lng-B-T	54	chr3:121033050-121033150
chr3	121228150	121228250	846-Lng-A-T	105	chr3:121228150-121228250
chr3	121243050	121243150	1274-Lng-A-T	73	chr3:121243050-121243150
chr3	121264750	121264850	1072-Lng-A-T	94	chr3:121264750-121264850
chr3	121280850	121280950	1274-Lng-A-T	63	chr3:121280850-121280950
chr3	121338150	121338250	1223-Lng-D-T	43	chr3:121338150-121338250
chr3	121364650	121364750	1065-Lng-B-T	8881	chr3:121364650-121364750
chr3	121470050	121470150	901-Lng-A-T	87	chr3:121470050-121470150
chr3	121486350	121486450	1167-Lng-A-T	66	chr3:121486350-121486450
chr3	121489450	121489550	1100-Lng-A-T	57	chr3:121489450-121489550
chr3	121503650	121503750	1274-Lng-A-T	49	chr3:121503650-121503750
chr3	121534750	121534850	1223-Lng-B-T	36	chr3:121534750-121534850
chr3	121834150	121834250	901-Lng-B-T	45	chr3:121834150-121834250
chr3	122008450	122008550	1151-Lng-A-T	59	chr3:122008450-122008550
chr3	122090350	122090450	1274-Lng-A-T	114	chr3:122090350-122090450
chr3	122116250	122116350	1065-Lng-A-T	81	chr3:122116250-122116350
chr3	122162550	122162650	1167-Lng-A-T	118	chr3:122162550-122162650
chr3	122168150	122168250	846-Lng-A-T	69	chr3:122168150-122168250
chr3	122193350	122193450	1004-Lng-A-T	86	chr3:122193350-122193450
chr3	122238450	122238550	1090-Lng-B-T	219	chr3:122238450-122238550
chr3	122287850	122287950	1100-Lng-A-T	75	chr3:122287850-122287950
chr3	122294050	122294150	901-Lng-B-T	38	chr3:122294050-122294150
chr3	122294050	122294150	1167-Lng-A-T	59	chr3:122294050-122294150
chr3	122300150	122300250	1004-Lng-A-T	75	chr3:122300150-122300250
chr3	122320550	122320650	1223-Lng-D-T	114	chr3:122320550-122320650
chr3	122532250	122532350	1065-Lng-B-T	52	chr3:122532250-122532350
chr3	122661850	122661950	901-Lng-B-T	140	chr3:122661850-122661950
chr3	122669650	122669750	1072-Lng-A-T	177	chr3:122669650-122669750
chr3	122918650	122918750	901-Lng-C-T	91	chr3:122918650-122918750
chr3	123004850	123004950	1065-Lng-A-T	71	chr3:123004850-123004950
chr3	123153650	123153750	1004-Lng-A-T	89	chr3:123153650-123153750
chr3	123777150	123777250	1090-Lng-A-T	47	chr3:123777150-123777250

Table S2: SB Insertion regions

chr3	124168450	124168550	901-Lng-D-T	151	chr3:124168450-124168550
chr3	124267150	124267250	901-Lng-B-T	59	chr3:124267150-124267250
chr3	124664850	124664950	1072-Lng-A-T	60	chr3:124664850-124664950
chr3	124694650	124694750	1072-Lng-A-T	155	chr3:124694650-124694750
chr3	124794550	124794650	1223-Lng-A-T	1811	chr3:124794550-124794650
chr3	125252850	125252950	1151-Lng-A-T	298	chr3:125252850-125252950
chr3	125332550	125332650	846-Lng-A-T	107	chr3:125332550-125332650
chr3	125333650	125333750	1072-Lng-A-T	108	chr3:125333650-125333750
chr3	125386350	125386450	901-Lng-C-T	55	chr3:125386350-125386450
chr3	125580950	125581050	901-Lng-A-T	122	chr3:125580950-125581050
chr3	125741050	125741150	1065-Lng-B-T	63	chr3:125741050-125741150
chr3	125855750	125855850	1065-Lng-A-T	62	chr3:125855750-125855850
chr3	126045050	126045150	1065-Lng-B-T	60	chr3:126045050-126045150
chr3	126050750	126050850	1100-Lng-A-T	106	chr3:126050750-126050850
chr3	126070950	126071050	1065-Lng-A-T	81	chr3:126070950-126071050
chr3	126405050	126405150	1223-Lng-B-T	213	chr3:126405050-126405150
chr3	126416050	126416150	846-Lng-A-T	74	chr3:126416050-126416150
chr3	126532350	126532450	1274-Lng-A-T	155	chr3:126532350-126532450
chr3	126572950	126573050	846-Lng-A-T	125	chr3:126572950-126573050
chr3	126584550	126584650	1072-Lng-A-T	54	chr3:126584550-126584650
chr3	126811950	126812050	1223-Lng-A-T	1628	chr3:126811950-126812050
chr3	126902550	126902650	1167-Lng-A-T	70	chr3:126902550-126902650
chr3	127232450	127232550	1065-Lng-B-T	39	chr3:127232450-127232550
chr3	127299650	127299750	1223-Lng-C-T	44	chr3:127299650-127299750
chr3	127547650	127547750	1090-Lng-A-T	47	chr3:127547650-127547750
chr3	127550650	127550750	1223-Lng-A-T	225	chr3:127550650-127550750
chr3	127596750	127596850	1100-Lng-A-T	99	chr3:127596750-127596850
chr3	127675450	127675550	901-Lng-C-T	30	chr3:127675450-127675550
chr3	127881050	127881150	1274-Lng-A-T	82	chr3:127881050-127881150
chr3	128004850	128004950	1065-Lng-C-T	105	chr3:128004850-128004950
chr3	128251650	128251750	901-Lng-A-T	67	chr3:128251650-128251750
chr3	128512950	128513050	1274-Lng-A-T	88	chr3:128512950-128513050
chr3	128548350	128548450	1004-Lng-A-T	69	chr3:128548350-128548450
chr3	128600350	128600450	1223-Lng-A-T	79	chr3:128600350-128600450
chr3	128643450	128643550	1188-Lng-A-T	40	chr3:128643450-128643550
chr3	128758350	128758450	1274-Lng-A-T	230	chr3:128758350-128758450
chr3	128863650	128863750	1151-Lng-A-T	79	chr3:128863650-128863750
chr3	128977950	128978050	1152-Lng-A-T	63	chr3:128977950-128978050
chr3	129018250	129018350	1072-Lng-A-T	49	chr3:129018250-129018350
chr3	129038050	129038150	901-Lng-C-T	41	chr3:129038050-129038150
chr3	129161750	129161850	901-Lng-A-T	70	chr3:129161750-129161850
chr3	129692150	129692250	1065-Lng-A-T	43	chr3:129692150-129692250
chr3	129734950	129735050	1004-Lng-A-T	63	chr3:129734950-129735050
chr3	129758950	129759050	1090-Lng-A-T	78	chr3:129758950-129759050
chr3	130089250	130089350	1072-Lng-A-T	50	chr3:130089250-130089350
chr3	130276350	130276450	1072-Lng-A-T	56	chr3:130276350-130276450

Table S2: SB Insertion regions

chr3	130339050	130339150	846-Lng-A-T	218	chr3:130339050-130339150
chr3	131154850	131154950	1065-Lng-B-T	40	chr3:131154850-131154950
chr3	131234150	131234250	1072-Lng-A-T	129	chr3:131234150-131234250
chr3	131280250	131280350	1072-Lng-A-T	79	chr3:131280250-131280350
chr3	131407350	131407450	901-Lng-A-T	426	chr3:131407350-131407450
chr3	131443950	131444050	901-Lng-D-T	205	chr3:131443950-131444050
chr3	131522150	131522250	901-Lng-B-T	70	chr3:131522150-131522250
chr3	131652150	131652250	1004-Lng-A-T	117	chr3:131652150-131652250
chr3	131666550	131666650	1152-Lng-A-T	94	chr3:131666550-131666650
chr3	132360250	132360350	1152-Lng-A-T	297	chr3:132360250-132360350
chr3	132431450	132431550	1072-Lng-A-T	86	chr3:132431450-132431550
chr3	132438250	132438350	901-Lng-A-T	332	chr3:132438250-132438350
chr3	132610750	132610850	1274-Lng-A-T	54	chr3:132610750-132610850
chr3	132722850	132722950	1151-Lng-A-T	57	chr3:132722850-132722950
chr3	132770650	132770750	1167-Lng-A-T	205	chr3:132770650-132770750
chr3	132776850	132776950	1167-Lng-A-T	49	chr3:132776850-132776950
chr3	132797750	132797850	1188-Lng-A-T	39	chr3:132797750-132797850
chr3	132799250	132799350	1090-Lng-A-T	45	chr3:132799250-132799350
chr3	132800050	132800150	1274-Lng-A-T	106	chr3:132800050-132800150
chr3	132832150	132832250	901-Lng-A-T	58	chr3:132832150-132832250
chr3	133035750	133035850	1223-Lng-C-T	43	chr3:133035750-133035850
chr3	133142750	133142850	1223-Lng-B-T	217	chr3:133142750-133142850
chr3	133175450	133175550	1223-Lng-B-T	48	chr3:133175450-133175550
chr3	133193550	133193650	1004-Lng-A-T	87	chr3:133193550-133193650
chr3	133224050	133224150	1090-Lng-A-T	50	chr3:133224050-133224150
chr3	133298250	133298350	1065-Lng-A-T	47	chr3:133298250-133298350
chr3	133856850	133856950	1065-Lng-B-T	312	chr3:133856850-133856950
chr3	133869450	133869550	846-Lng-A-T	295	chr3:133869450-133869550
chr3	134186650	134186750	901-Lng-C-T	51	chr3:134186650-134186750
chr3	134420750	134420850	901-Lng-C-T	48	chr3:134420750-134420850
chr3	134470250	134470350	1223-Lng-B-T	227	chr3:134470250-134470350
chr3	134504250	134504350	1004-Lng-A-T	54	chr3:134504250-134504350
chr3	134625850	134625950	1223-Lng-B-T	60	chr3:134625850-134625950
chr3	134688650	134688750	1274-Lng-A-T	57	chr3:134688650-134688750
chr3	134771750	134771850	1223-Lng-A-T	135	chr3:134771750-134771850
chr3	134952750	134952850	1188-Lng-A-T	51	chr3:134952750-134952850
chr3	135107850	135107950	1274-Lng-A-T	50	chr3:135107850-135107950
chr3	135119750	135119850	1065-Lng-B-T	129	chr3:135119750-135119850
chr3	135306450	135306550	901-Lng-C-T	55	chr3:135306450-135306550
chr3	135331550	135331650	1151-Lng-A-T	130	chr3:135331550-135331650
chr3	135430350	135430450	1223-Lng-C-T	56	chr3:135430350-135430450
chr3	135486550	135486650	1100-Lng-A-T	70	chr3:135486550-135486650
chr3	135510250	135510350	1152-Lng-A-T	85	chr3:135510250-135510350
chr3	135896450	135896550	901-Lng-C-T	44	chr3:135896450-135896550
chr3	136337950	136338050	1223-Lng-D-T	84	chr3:136337950-136338050
chr3	136358750	136358850	1004-Lng-A-T	75	chr3:136358750-136358850

Table S2: SB Insertion regions

chr3	136368450	136368550	901-Lng-A-T	379	chr3:136368450-136368550
chr3	136381150	136381250	901-Lng-A-T	116	chr3:136381150-136381250
chr3	136385750	136385850	1274-Lng-A-T	141	chr3:136385750-136385850
chr3	136396150	136396250	1100-Lng-A-T	111	chr3:136396150-136396250
chr3	136406150	136406250	1090-Lng-B-T	523	chr3:136406150-136406250
chr3	136420350	136420450	1072-Lng-A-T	7202	chr3:136420350-136420450
chr3	136453250	136453350	901-Lng-B-T	139	chr3:136453250-136453350
chr3	136463250	136463350	1152-Lng-A-T	108	chr3:136463250-136463350
chr3	136480450	136480550	1223-Lng-D-T	84	chr3:136480450-136480550
chr3	136483750	136483850	1072-Lng-A-T	103	chr3:136483750-136483850
chr3	136494450	136494550	1274-Lng-A-T	55	chr3:136494450-136494550
chr3	136506650	136506750	1223-Lng-B-T	282	chr3:136506650-136506750
chr3	136538150	136538250	1167-Lng-A-T	50	chr3:136538150-136538250
chr3	136571550	136571650	1188-Lng-A-T	77	chr3:136571550-136571650
chr3	136716050	136716150	901-Lng-C-T	55	chr3:136716050-136716150
chr3	137085250	137085350	1223-Lng-A-T	84	chr3:137085250-137085350
chr3	137153650	137153750	1072-Lng-A-T	73	chr3:137153650-137153750
chr3	137224850	137224950	901-Lng-B-T	155	chr3:137224850-137224950
chr3	137541050	137541150	1151-Lng-A-T	329	chr3:137541050-137541150
chr3	137562750	137562850	1072-Lng-A-T	112	chr3:137562750-137562850
chr3	137583250	137583350	1188-Lng-A-T	113	chr3:137583250-137583350
chr3	137683350	137683450	1090-Lng-A-T	57	chr3:137683350-137683450
chr3	137860050	137860150	1223-Lng-A-T	68	chr3:137860050-137860150
chr3	138105350	138105450	901-Lng-B-T	306	chr3:138105350-138105450
chr3	138309550	138309650	1065-Lng-B-T	175	chr3:138309550-138309650
chr3	138422650	138422750	901-Lng-B-T	155	chr3:138422650-138422750
chr3	138466450	138466550	901-Lng-A-T	92	chr3:138466450-138466550
chr3	138518150	138518250	1100-Lng-A-T	556	chr3:138518150-138518250
chr3	138618250	138618350	901-Lng-A-T	63	chr3:138618250-138618350
chr3	139007150	139007250	1065-Lng-C-T	68	chr3:139007150-139007250
chr3	139105650	139105750	846-Lng-A-T	48	chr3:139105650-139105750
chr3	139256450	139256550	846-Lng-A-T	87	chr3:139256450-139256550
chr3	139260250	139260350	1004-Lng-A-T	152	chr3:139260250-139260350
chr3	139338250	139338350	1065-Lng-A-T	53	chr3:139338250-139338350
chr3	139530650	139530750	1090-Lng-A-T	88	chr3:139530650-139530750
chr3	139556050	139556150	1090-Lng-A-T	88	chr3:139556050-139556150
chr3	139601950	139602050	1004-Lng-A-T	55	chr3:139601950-139602050
chr3	139632750	139632850	901-Lng-B-T	143	chr3:139632750-139632850
chr3	139984550	139984650	901-Lng-A-T	80	chr3:139984550-139984650
chr3	140100450	140100550	1223-Lng-B-T	40	chr3:140100450-140100550
chr3	140513150	140513250	1065-Lng-A-T	68	chr3:140513150-140513250
chr3	140553150	140553250	1100-Lng-B-T	50	chr3:140553150-140553250
chr3	140639150	140639250	1223-Lng-A-T	307	chr3:140639150-140639250
chr3	140672050	140672150	1151-Lng-A-T	116	chr3:140672050-140672150
chr3	140882450	140882550	1065-Lng-B-T	83	chr3:140882450-140882550
chr3	140929950	140930050	901-Lng-B-T	143	chr3:140929950-140930050

Table S2: SB Insertion regions

chr3	141105150	141105250	1100-Lng-A-T	86	chr3:141105150-141105250
chr3	141112850	141112950	1065-Lng-C-T	61	chr3:141112850-141112950
chr3	141394650	141394750	1223-Lng-D-T	56	chr3:141394650-141394750
chr3	141633550	141633650	846-Lng-A-T	118	chr3:141633550-141633650
chr3	141641250	141641350	1065-Lng-A-T	104	chr3:141641250-141641350
chr3	141647150	141647250	1065-Lng-B-T	67	chr3:141647150-141647250
chr3	141778450	141778550	1274-Lng-A-T	158	chr3:141778450-141778550
chr3	141950450	141950550	1151-Lng-A-T	1310	chr3:141950450-141950550
chr3	141971050	141971150	1274-Lng-A-T	387	chr3:141971050-141971150
chr3	141992050	141992150	1188-Lng-A-T	40	chr3:141992050-141992150
chr3	141997350	141997450	1100-Lng-B-T	276	chr3:141997350-141997450
chr3	142020150	142020250	1223-Lng-D-T	40	chr3:142020150-142020250
chr3	142182250	142182350	1151-Lng-A-T	301	chr3:142182250-142182350
chr3	142429950	142430050	901-Lng-B-T	216	chr3:142429950-142430050
chr3	142500550	142500650	1274-Lng-A-T	123	chr3:142500550-142500650
chr3	142512250	142512350	1065-Lng-C-T	323	chr3:142512250-142512350
chr3	142517350	142517450	901-Lng-A-T	80	chr3:142517350-142517450
chr3	142686250	142686350	846-Lng-A-T	768	chr3:142686250-142686350
chr3	142715250	142715350	1151-Lng-A-T	178	chr3:142715250-142715350
chr3	142916950	142917050	1151-Lng-A-T	370	chr3:142916950-142917050
chr3	143058550	143058650	901-Lng-A-T	77	chr3:143058550-143058650
chr3	143142650	143142750	1223-Lng-B-T	43	chr3:143142650-143142750
chr3	143859350	143859450	901-Lng-C-T	99	chr3:143859350-143859450
chr3	144103050	144103150	1152-Lng-A-T	64	chr3:144103050-144103150
chr3	144113750	144113850	1223-Lng-B-T	282	chr3:144113750-144113850
chr3	144156050	144156150	1167-Lng-A-T	56	chr3:144156050-144156150
chr3	144222850	144222950	1223-Lng-D-T	42	chr3:144222850-144222950
chr3	144352550	144352650	1090-Lng-B-T	525	chr3:144352550-144352650
chr3	144375750	144375850	1223-Lng-D-T	68	chr3:144375750-144375850
chr3	144379850	144379950	1167-Lng-A-T	149	chr3:144379850-144379950
chr3	144487550	144487650	1188-Lng-A-T	45	chr3:144487550-144487650
chr3	144696750	144696850	1223-Lng-D-T	42	chr3:144696750-144696850
chr3	145053550	145053650	1065-Lng-A-T	66	chr3:145053550-145053650
chr3	145286350	145286450	901-Lng-B-T	90	chr3:145286350-145286450
chr3	145379850	145379950	901-Lng-A-T	314	chr3:145379850-145379950
chr3	145382050	145382150	1090-Lng-B-T	133	chr3:145382050-145382150
chr3	145836350	145836450	901-Lng-B-T	150	chr3:145836350-145836450
chr3	145940950	145941050	901-Lng-D-T	234	chr3:145940950-145941050
chr3	146101050	146101150	901-Lng-A-T	62	chr3:146101050-146101150
chr3	146167150	146167250	1274-Lng-A-T	137	chr3:146167150-146167250
chr3	146177550	146177650	1100-Lng-A-T	953	chr3:146177550-146177650
chr3	146177850	146177950	1223-Lng-A-T	85	chr3:146177850-146177950
chr3	146212550	146212650	1223-Lng-B-T	41	chr3:146212550-146212650
chr3	146338050	146338150	1090-Lng-A-T	132	chr3:146338050-146338150
chr3	146346150	146346250	901-Lng-A-T	114	chr3:146346150-146346250
chr3	146416150	146416250	1167-Lng-A-T	89	chr3:146416150-146416250

Table S2: SB Insertion regions

chr3	146444550	146444650	1065-Lng-C-T	75	chr3:146444550-146444650
chr3	146468450	146468550	1223-Lng-C-T	69	chr3:146468450-146468550
chr3	146474350	146474450	1223-Lng-C-T	45	chr3:146474350-146474450
chr3	146529150	146529250	1274-Lng-A-T	67	chr3:146529150-146529250
chr3	146540850	146540950	1152-Lng-A-T	88	chr3:146540850-146540950
chr3	146562650	146562750	1223-Lng-C-T	52	chr3:146562650-146562750
chr3	146595050	146595150	1090-Lng-A-T	81	chr3:146595050-146595150
chr3	146608450	146608550	1274-Lng-A-T	70	chr3:146608450-146608550
chr3	146639850	146639950	1065-Lng-B-T	79	chr3:146639850-146639950
chr3	146639850	146639950	901-Lng-C-T	202	chr3:146639850-146639950
chr3	146691550	146691650	901-Lng-A-T	157	chr3:146691550-146691650
chr3	146721850	146721950	1274-Lng-A-T	69	chr3:146721850-146721950
chr3	146729250	146729350	901-Lng-B-T	87	chr3:146729250-146729350
chr3	146901450	146901550	1274-Lng-A-T	64	chr3:146901450-146901550
chr3	147112750	147112850	901-Lng-A-T	93	chr3:147112750-147112850
chr3	147156650	147156750	1072-Lng-A-T	62	chr3:147156650-147156750
chr3	147758050	147758150	1065-Lng-B-T	60	chr3:147758050-147758150
chr3	147922550	147922650	1004-Lng-A-T	92	chr3:147922550-147922650
chr3	148048950	148049050	901-Lng-A-T	86	chr3:148048950-148049050
chr3	148464550	148464650	1223-Lng-A-T	65	chr3:148464550-148464650
chr3	148490250	148490350	1223-Lng-B-T	38	chr3:148490250-148490350
chr3	148544450	148544550	1065-Lng-A-T	866	chr3:148544450-148544550
chr3	148567850	148567950	1151-Lng-A-T	197	chr3:148567850-148567950
chr3	148581550	148581650	1188-Lng-A-T	145	chr3:148581550-148581650
chr3	148612550	148612650	1274-Lng-A-T	86	chr3:148612550-148612650
chr3	148979450	148979550	1072-Lng-A-T	85	chr3:148979450-148979550
chr3	148985950	148986050	901-Lng-B-T	73	chr3:148985950-148986050
chr3	149278250	149278350	901-Lng-A-T	77	chr3:149278250-149278350
chr3	149278750	149278850	1151-Lng-A-T	299	chr3:149278750-149278850
chr3	149671350	149671450	1188-Lng-A-T	44	chr3:149671350-149671450
chr3	149718950	149719050	1090-Lng-B-T	1420	chr3:149718950-149719050
chr3	150212350	150212450	1274-Lng-A-T	56	chr3:150212350-150212450
chr3	150215350	150215450	1100-Lng-A-T	57	chr3:150215350-150215450
chr3	150269450	150269550	901-Lng-A-T	74	chr3:150269450-150269550
chr3	150462550	150462650	901-Lng-A-T	80	chr3:150462550-150462650
chr3	150716350	150716450	901-Lng-D-T	103	chr3:150716350-150716450
chr3	150718250	150718350	1065-Lng-B-T	42	chr3:150718250-150718350
chr3	150866850	150866950	901-Lng-A-T	203	chr3:150866850-150866950
chr3	150968050	150968150	1100-Lng-B-T	58	chr3:150968050-150968150
chr3	151170450	151170550	1004-Lng-A-T	60	chr3:151170450-151170550
chr3	151176250	151176350	1274-Lng-A-T	62	chr3:151176250-151176350
chr3	151355150	151355250	1167-Lng-A-T	72	chr3:151355150-151355250
chr3	151397950	151398050	901-Lng-B-T	80	chr3:151397950-151398050
chr3	151783050	151783150	1090-Lng-B-T	765	chr3:151783050-151783150
chr3	151876150	151876250	1274-Lng-A-T	101	chr3:151876150-151876250
chr3	151878850	151878950	1100-Lng-A-T	115	chr3:151878850-151878950

Table S2: SB Insertion regions

chr3	151910650	151910750	1223-Lng-A-T	96	chr3:151910650-151910750
chr3	151947750	151947850	1065-Lng-B-T	54	chr3:151947750-151947850
chr3	152049350	152049450	901-Lng-B-T	90	chr3:152049350-152049450
chr3	152064850	152064950	1223-Lng-B-T	36	chr3:152064850-152064950
chr3	152075050	152075150	1065-Lng-A-T	38	chr3:152075050-152075150
chr3	152671650	152671750	1223-Lng-C-T	52	chr3:152671650-152671750
chr3	152960950	152961050	1072-Lng-A-T	78	chr3:152960950-152961050
chr3	153070750	153070850	1151-Lng-A-T	69	chr3:153070750-153070850
chr3	153164750	153164850	1090-Lng-A-T	76	chr3:153164750-153164850
chr3	153176450	153176550	1004-Lng-A-T	54	chr3:153176450-153176550
chr3	153592650	153592750	901-Lng-C-T	111	chr3:153592650-153592750
chr3	153742750	153742850	1065-Lng-B-T	39	chr3:153742750-153742850
chr3	154184650	154184750	1065-Lng-A-T	66	chr3:154184650-154184750
chr3	154531950	154532050	1065-Lng-B-T	88	chr3:154531950-154532050
chr3	154590350	154590450	1152-Lng-A-T	515	chr3:154590350-154590450
chr3	154722950	154723050	846-Lng-A-T	188	chr3:154722950-154723050
chr3	154944350	154944450	1274-Lng-A-T	65	chr3:154944350-154944450
chr3	154976350	154976450	1065-Lng-A-T	80	chr3:154976350-154976450
chr3	155001950	155002050	901-Lng-B-T	106	chr3:155001950-155002050
chr3	155035750	155035850	1100-Lng-A-T	56	chr3:155035750-155035850
chr3	155104950	155105050	901-Lng-C-T	57	chr3:155104950-155105050
chr3	155189950	155190050	1065-Lng-C-T	66	chr3:155189950-155190050
chr3	155277750	155277850	1072-Lng-A-T	48	chr3:155277750-155277850
chr3	155338550	155338650	1090-Lng-A-T	96	chr3:155338550-155338650
chr3	155384750	155384850	1072-Lng-A-T	74	chr3:155384750-155384850
chr3	155444850	155444950	901-Lng-A-T	51	chr3:155444850-155444950
chr3	155479750	155479850	1065-Lng-C-T	69	chr3:155479750-155479850
chr3	155510850	155510950	1004-Lng-A-T	89	chr3:155510850-155510950
chr3	155727050	155727150	1065-Lng-B-T	80	chr3:155727050-155727150
chr3	155742750	155742850	1065-Lng-B-T	41	chr3:155742750-155742850
chr3	155750050	155750150	1065-Lng-B-T	52	chr3:155750050-155750150
chr3	156007150	156007250	901-Lng-C-T	29	chr3:156007150-156007250
chr3	156282850	156282950	1065-Lng-A-T	127	chr3:156282850-156282950
chr3	156387450	156387550	901-Lng-C-T	85	chr3:156387450-156387550
chr3	156505050	156505150	1100-Lng-A-T	108	chr3:156505050-156505150
chr3	156658050	156658150	1151-Lng-A-T	241	chr3:156658050-156658150
chr3	156892550	156892650	1223-Lng-B-T	63	chr3:156892550-156892650
chr3	156976450	156976550	901-Lng-B-T	106	chr3:156976450-156976550
chr3	157135450	157135550	1065-Lng-A-T	84	chr3:157135450-157135550
chr3	157209450	157209550	901-Lng-A-T	571	chr3:157209450-157209550
chr3	157458250	157458350	1090-Lng-A-T	73	chr3:157458250-157458350
chr3	157575950	157576050	1065-Lng-B-T	42	chr3:157575950-157576050
chr3	157626850	157626950	1223-Lng-D-T	47	chr3:157626850-157626950
chr3	157653250	157653350	1065-Lng-A-T	115	chr3:157653250-157653350
chr3	157674350	157674450	846-Lng-A-T	155	chr3:157674350-157674450
chr3	157861450	157861550	1065-Lng-A-T	81	chr3:157861450-157861550

Table S2: SB Insertion regions

chr3	158056650	158056750	1072-Lng-A-T	71	chr3:158056650-158056750
chr3	158176050	158176150	1188-Lng-A-T	231	chr3:158176050-158176150
chr3	158196250	158196350	1090-Lng-A-T	85	chr3:158196250-158196350
chr3	158218250	158218350	1065-Lng-B-T	47	chr3:158218250-158218350
chr3	158263450	158263550	901-Lng-A-T	73	chr3:158263450-158263550
chr3	158263450	158263550	1223-Lng-B-T	49	chr3:158263450-158263550
chr3	158263450	158263550	846-Lng-A-T	166	chr3:158263450-158263550
chr3	158263450	158263550	1072-Lng-A-T	86	chr3:158263450-158263550
chr3	158381350	158381450	1223-Lng-B-T	61	chr3:158381350-158381450
chr3	158761650	158761750	1223-Lng-C-T	57	chr3:158761650-158761750
chr3	158778450	158778550	1152-Lng-A-T	51	chr3:158778450-158778550
chr3	158920650	158920750	901-Lng-D-T	502	chr3:158920650-158920750
chr3	158944850	158944950	1223-Lng-C-T	45	chr3:158944850-158944950
chr3	158978450	158978550	1065-Lng-C-T	63	chr3:158978450-158978550
chr3	158982950	158983050	1223-Lng-D-T	40	chr3:158982950-158983050
chr3	159009550	159009650	1072-Lng-A-T	48	chr3:159009550-159009650
chr3	159153950	159154050	1065-Lng-B-T	41	chr3:159153950-159154050
chr3	159184950	159185050	1065-Lng-B-T	39	chr3:159184950-159185050
chr3	159235050	159235150	901-Lng-B-T	64	chr3:159235050-159235150
chr3	159288150	159288250	901-Lng-A-T	51	chr3:159288150-159288250
chr3	159525550	159525650	1223-Lng-B-T	36	chr3:159525550-159525650
chr3	159546350	159546450	1223-Lng-D-T	173	chr3:159546350-159546450
chr3	159558150	159558250	1274-Lng-A-T	55	chr3:159558150-159558250
chr3	159573750	159573850	1100-Lng-A-T	128	chr3:159573750-159573850
chr3	159583450	159583550	1100-Lng-A-T	162	chr3:159583450-159583550
chr3	159589850	159589950	1072-Lng-A-T	131	chr3:159589850-159589950
chr4	3016350	3016450	1100-Lng-A-T	94	chr4:3016350-3016450
chr4	3482750	3482850	901-Lng-C-T	790	chr4:3482750-3482850
chr4	3613350	3613450	1004-Lng-A-T	106	chr4:3613350-3613450
chr4	3624950	3625050	846-Lng-A-T	131	chr4:3624950-3625050
chr4	3639950	3640050	1152-Lng-A-T	401	chr4:3639950-3640050
chr4	3644050	3644150	1090-Lng-A-T	73	chr4:3644050-3644150
chr4	3646250	3646350	1100-Lng-A-T	56	chr4:3646250-3646350
chr4	3649750	3649850	1223-Lng-D-T	47	chr4:3649750-3649850
chr4	3773150	3773250	1152-Lng-A-T	130	chr4:3773150-3773250
chr4	3919250	3919350	1065-Lng-A-T	45	chr4:3919250-3919350
chr4	4175350	4175450	1152-Lng-A-T	36	chr4:4175350-4175450
chr4	4266450	4266550	1100-Lng-A-T	57	chr4:4266450-4266550
chr4	4278350	4278450	846-Lng-A-T	157	chr4:4278350-4278450
chr4	4377150	4377250	1065-Lng-B-T	97	chr4:4377150-4377250
chr4	4460850	4460950	1065-Lng-A-T	53	chr4:4460850-4460950
chr4	4544050	4544150	1065-Lng-A-T	69	chr4:4544050-4544150
chr4	4614850	4614950	1072-Lng-A-T	60	chr4:4614850-4614950
chr4	4649550	4649650	1065-Lng-C-T	73	chr4:4649550-4649650
chr4	4694550	4694650	1274-Lng-A-T	59	chr4:4694550-4694650
chr4	4701250	4701350	1167-Lng-A-T	4524	chr4:4701250-4701350

Table S2: SB Insertion regions

chr4	4704950	4705050	1223-Lng-C-T	43	chr4:4704950-4705050
chr4	4785950	4786050	1072-Lng-A-T	134	chr4:4785950-4786050
chr4	4793850	4793950	1100-Lng-A-T	97	chr4:4793850-4793950
chr4	4924250	4924350	1274-Lng-A-T	125	chr4:4924250-4924350
chr4	5049850	5049950	901-Lng-A-T	88	chr4:5049850-5049950
chr4	5212450	5212550	1100-Lng-A-T	55	chr4:5212450-5212550
chr4	5327650	5327750	846-Lng-A-T	138	chr4:5327650-5327750
chr4	5399450	5399550	1274-Lng-A-T	210	chr4:5399450-5399550
chr4	5609550	5609650	1167-Lng-A-T	116	chr4:5609550-5609650
chr4	5679750	5679850	1188-Lng-A-T	34	chr4:5679750-5679850
chr4	5817450	5817550	1152-Lng-A-T	116	chr4:5817450-5817550
chr4	5828450	5828550	901-Lng-D-T	642	chr4:5828450-5828550
chr4	6130350	6130450	846-Lng-A-T	52	chr4:6130350-6130450
chr4	6300550	6300650	1188-Lng-A-T	43	chr4:6300550-6300650
chr4	6303450	6303550	1274-Lng-A-T	99	chr4:6303450-6303550
chr4	6308550	6308650	1100-Lng-A-T	146	chr4:6308550-6308650
chr4	6324750	6324850	846-Lng-A-T	77	chr4:6324750-6324850
chr4	6325650	6325750	1274-Lng-A-T	60	chr4:6325650-6325750
chr4	6328450	6328550	1152-Lng-A-T	41	chr4:6328450-6328550
chr4	6361650	6361750	1090-Lng-B-T	64	chr4:6361650-6361750
chr4	6393050	6393150	1152-Lng-A-T	33	chr4:6393050-6393150
chr4	6398050	6398150	901-Lng-A-T	351	chr4:6398050-6398150
chr4	6445150	6445250	1100-Lng-A-T	82	chr4:6445150-6445250
chr4	6453150	6453250	846-Lng-A-T	70	chr4:6453150-6453250
chr4	6664250	6664350	1223-Lng-C-T	50	chr4:6664250-6664350
chr4	6698950	6699050	1090-Lng-A-T	97	chr4:6698950-6699050
chr4	6710550	6710650	1167-Lng-A-T	146	chr4:6710550-6710650
chr4	6712950	6713050	1188-Lng-A-T	91	chr4:6712950-6713050
chr4	6713250	6713350	1188-Lng-A-T	37	chr4:6713250-6713350
chr4	6713750	6713850	1090-Lng-B-T	84	chr4:6713750-6713850
chr4	6802350	6802450	1223-Lng-C-T	46	chr4:6802350-6802450
chr4	7238250	7238350	1152-Lng-A-T	64	chr4:7238250-7238350
chr4	7592250	7592350	1065-Lng-C-T	92	chr4:7592250-7592350
chr4	7657750	7657850	1090-Lng-A-T	75	chr4:7657750-7657850
chr4	7782550	7782650	1152-Lng-A-T	140	chr4:7782550-7782650
chr4	7915650	7915750	1090-Lng-A-T	72	chr4:7915650-7915750
chr4	7918550	7918650	1274-Lng-A-T	54	chr4:7918550-7918650
chr4	7947250	7947350	1274-Lng-A-T	61	chr4:7947250-7947350
chr4	8059850	8059950	1223-Lng-C-T	46	chr4:8059850-8059950
chr4	8079150	8079250	1274-Lng-A-T	52	chr4:8079150-8079250
chr4	8096150	8096250	1151-Lng-A-T	58	chr4:8096150-8096250
chr4	8099750	8099850	1188-Lng-A-T	132	chr4:8099750-8099850
chr4	8150750	8150850	1274-Lng-A-T	87	chr4:8150750-8150850
chr4	8464350	8464450	1151-Lng-A-T	281	chr4:8464350-8464450
chr4	8465450	8465550	1152-Lng-A-T	102	chr4:8465450-8465550
chr4	8465850	8465950	1100-Lng-A-T	65	chr4:8465850-8465950

Table S2: SB Insertion regions

chr4	8469450	8469550	901-Lng-B-T	108	chr4:8469450-8469550
chr4	8469550	8469650	1152-Lng-A-T	92	chr4:8469550-8469650
chr4	8473950	8474050	1152-Lng-A-T	103	chr4:8473950-8474050
chr4	8498650	8498750	846-Lng-A-T	46	chr4:8498650-8498750
chr4	8499850	8499950	901-Lng-B-T	299	chr4:8499850-8499950
chr4	8501750	8501850	1152-Lng-A-T	300	chr4:8501750-8501850
chr4	8518150	8518250	1188-Lng-A-T	243	chr4:8518150-8518250
chr4	8522650	8522750	1004-Lng-A-T	64	chr4:8522650-8522750
chr4	8533950	8534050	1151-Lng-A-T	525	chr4:8533950-8534050
chr4	8619550	8619650	1151-Lng-A-T	286	chr4:8619550-8619650
chr4	8638350	8638450	846-Lng-A-T	99	chr4:8638350-8638450
chr4	8646450	8646550	846-Lng-A-T	49	chr4:8646450-8646550
chr4	8648950	8649050	1223-Lng-B-T	34	chr4:8648950-8649050
chr4	8728350	8728450	1090-Lng-B-T	261	chr4:8728350-8728450
chr4	8783550	8783650	1072-Lng-A-T	72	chr4:8783550-8783650
chr4	9089850	9089950	1090-Lng-A-T	80	chr4:9089850-9089950
chr4	9248650	9248750	1100-Lng-B-T	114	chr4:9248650-9248750
chr4	9337750	9337850	1152-Lng-A-T	103	chr4:9337750-9337850
chr4	9589450	9589550	1223-Lng-D-T	88	chr4:9589450-9589550
chr4	9602650	9602750	1223-Lng-D-T	130	chr4:9602650-9602750
chr4	9671950	9672050	1065-Lng-C-T	97	chr4:9671950-9672050
chr4	9876850	9876950	1151-Lng-A-T	176	chr4:9876850-9876950
chr4	10192450	10192550	1065-Lng-A-T	508	chr4:10192450-10192550
chr4	10350250	10350350	901-Lng-C-T	35	chr4:10350250-10350350
chr4	10464050	10464150	846-Lng-A-T	75	chr4:10464050-10464150
chr4	10481950	10482050	1065-Lng-A-T	36	chr4:10481950-10482050
chr4	10492050	10492150	1090-Lng-B-T	461	chr4:10492050-10492150
chr4	10714850	10714950	901-Lng-C-T	68	chr4:10714850-10714950
chr4	10789650	10789750	1188-Lng-A-T	47	chr4:10789650-10789750
chr4	10799150	10799250	1072-Lng-A-T	61	chr4:10799150-10799250
chr4	10804550	10804650	1065-Lng-C-T	123	chr4:10804550-10804650
chr4	10811050	10811150	1065-Lng-A-T	475	chr4:10811050-10811150
chr4	10812150	10812250	1100-Lng-A-T	102	chr4:10812150-10812250
chr4	10822350	10822450	901-Lng-B-T	237	chr4:10822350-10822450
chr4	10829950	10830050	1065-Lng-B-T	48	chr4:10829950-10830050
chr4	10858050	10858150	1151-Lng-A-T	238	chr4:10858050-10858150
chr4	10910550	10910650	1065-Lng-C-T	2358	chr4:10910550-10910650
chr4	10945450	10945550	1100-Lng-A-T	71	chr4:10945450-10945550
chr4	10978550	10978650	1274-Lng-A-T	106	chr4:10978550-10978650
chr4	11086950	11087050	1151-Lng-A-T	177	chr4:11086950-11087050
chr4	11122350	11122450	1167-Lng-A-T	46	chr4:11122350-11122450
chr4	11138450	11138550	1152-Lng-A-T	61	chr4:11138450-11138550
chr4	11144250	11144350	901-Lng-A-T	65	chr4:11144250-11144350
chr4	11281850	11281950	1152-Lng-A-T	103	chr4:11281850-11281950
chr4	11285550	11285650	1223-Lng-C-T	85	chr4:11285550-11285650
chr4	11311350	11311450	1151-Lng-A-T	180	chr4:11311350-11311450

Table S2: SB Insertion regions

chr4	11319250	11319350	1274-Lng-A-T	150	chr4:11319250-11319350
chr4	11417450	11417550	1151-Lng-A-T	135	chr4:11417450-11417550
chr4	11686650	11686750	901-Lng-C-T	50	chr4:11686650-11686750
chr4	11778950	11779050	1072-Lng-A-T	65	chr4:11778950-11779050
chr4	12019350	12019450	901-Lng-C-T	38	chr4:12019350-12019450
chr4	12025550	12025650	1100-Lng-A-T	145	chr4:12025550-12025650
chr4	12070250	12070350	1065-Lng-C-T	78	chr4:12070250-12070350
chr4	12076550	12076650	846-Lng-A-T	56	chr4:12076550-12076650
chr4	12085450	12085550	1090-Lng-A-T	64	chr4:12085450-12085550
chr4	12153250	12153350	1223-Lng-A-T	170	chr4:12153250-12153350
chr4	12220950	12221050	901-Lng-C-T	48	chr4:12220950-12221050
chr4	12353250	12353350	1090-Lng-B-T	145	chr4:12353250-12353350
chr4	12372050	12372150	1065-Lng-B-T	68	chr4:12372050-12372150
chr4	12520950	12521050	1274-Lng-A-T	82	chr4:12520950-12521050
chr4	12761650	12761750	1100-Lng-A-T	95	chr4:12761650-12761750
chr4	13229950	13230050	846-Lng-A-T	421	chr4:13229950-13230050
chr4	13278450	13278550	901-Lng-B-T	356	chr4:13278450-13278550
chr4	13286050	13286150	1223-Lng-A-T	202	chr4:13286050-13286150
chr4	13343350	13343450	1188-Lng-A-T	178	chr4:13343350-13343450
chr4	13456450	13456550	1090-Lng-A-T	101	chr4:13456450-13456550
chr4	13635450	13635550	1072-Lng-A-T	146	chr4:13635450-13635550
chr4	13772450	13772550	1100-Lng-A-T	136	chr4:13772450-13772550
chr4	14016950	14017050	1223-Lng-B-T	55	chr4:14016950-14017050
chr4	14026150	14026250	1065-Lng-B-T	45	chr4:14026150-14026250
chr4	14071950	14072050	1100-Lng-A-T	51	chr4:14071950-14072050
chr4	14385050	14385150	1072-Lng-A-T	246	chr4:14385050-14385150
chr4	14452150	14452250	1223-Lng-D-T	42	chr4:14452150-14452250
chr4	14468250	14468350	1100-Lng-A-T	73	chr4:14468250-14468350
chr4	14492550	14492650	1072-Lng-A-T	59	chr4:14492550-14492650
chr4	14733650	14733750	1152-Lng-A-T	110	chr4:14733650-14733750
chr4	14805550	14805650	1188-Lng-A-T	39	chr4:14805550-14805650
chr4	14809950	14810050	901-Lng-B-T	91	chr4:14809950-14810050
chr4	14813550	14813650	1100-Lng-A-T	56	chr4:14813550-14813650
chr4	14864450	14864550	1223-Lng-C-T	117	chr4:14864450-14864550
chr4	14885150	14885250	1100-Lng-B-T	53	chr4:14885150-14885250
chr4	14917050	14917150	1151-Lng-A-T	227	chr4:14917050-14917150
chr4	14964450	14964550	1151-Lng-A-T	67	chr4:14964450-14964550
chr4	15018350	15018450	1223-Lng-B-T	66	chr4:15018350-15018450
chr4	15025350	15025450	1223-Lng-A-T	228	chr4:15025350-15025450
chr4	15140450	15140550	1188-Lng-A-T	34	chr4:15140450-15140550
chr4	15195050	15195150	1090-Lng-B-T	454	chr4:15195050-15195150
chr4	15195350	15195450	1188-Lng-A-T	159	chr4:15195350-15195450
chr4	15197550	15197650	1223-Lng-A-T	78	chr4:15197550-15197650
chr4	15237850	15237950	901-Lng-C-T	211	chr4:15237850-15237950
chr4	15625450	15625550	1274-Lng-A-T	80	chr4:15625450-15625550
chr4	15694750	15694850	901-Lng-A-T	79	chr4:15694750-15694850

Table S2: SB Insertion regions

chr4	15867450	15867550	1188-Lng-A-T	36	chr4:15867450-15867550
chr4	15901650	15901750	901-Lng-A-T	160	chr4:15901650-15901750
chr4	15902950	15903050	1100-Lng-A-T	66	chr4:15902950-15903050
chr4	15916050	15916150	901-Lng-A-T	138	chr4:15916050-15916150
chr4	15918250	15918350	901-Lng-D-T	180	chr4:15918250-15918350
chr4	15921350	15921450	1223-Lng-D-T	40	chr4:15921350-15921450
chr4	16047550	16047650	1223-Lng-C-T	58	chr4:16047550-16047650
chr4	16077850	16077950	1152-Lng-A-T	100	chr4:16077850-16077950
chr4	16086750	16086850	1072-Lng-A-T	52	chr4:16086750-16086850
chr4	16583850	16583950	1188-Lng-A-T	323	chr4:16583850-16583950
chr4	16638950	16639050	1274-Lng-A-T	55	chr4:16638950-16639050
chr4	16744350	16744450	1152-Lng-A-T	83	chr4:16744350-16744450
chr4	16926450	16926550	901-Lng-B-T	516	chr4:16926450-16926550
chr4	17073850	17073950	1188-Lng-A-T	43	chr4:17073850-17073950
chr4	17088750	17088850	846-Lng-A-T	160	chr4:17088750-17088850
chr4	17094850	17094950	901-Lng-C-T	46	chr4:17094850-17094950
chr4	17155650	17155750	901-Lng-A-T	53	chr4:17155650-17155750
chr4	17366750	17366850	1065-Lng-B-T	76	chr4:17366750-17366850
chr4	17450250	17450350	901-Lng-C-T	76	chr4:17450250-17450350
chr4	17510750	17510850	1004-Lng-A-T	74	chr4:17510750-17510850
chr4	17578350	17578450	1090-Lng-A-T	78	chr4:17578350-17578450
chr4	17749550	17749650	901-Lng-A-T	54	chr4:17749550-17749650
chr4	17836750	17836850	901-Lng-A-T	89	chr4:17836750-17836850
chr4	17849550	17849650	901-Lng-D-T	90	chr4:17849550-17849650
chr4	17877350	17877450	1090-Lng-A-T	819	chr4:17877350-17877450
chr4	18047650	18047750	1167-Lng-A-T	54	chr4:18047650-18047750
chr4	18068950	18069050	1152-Lng-A-T	59	chr4:18068950-18069050
chr4	18512150	18512250	901-Lng-B-T	128	chr4:18512150-18512250
chr4	18556250	18556350	901-Lng-C-T	29	chr4:18556250-18556350
chr4	18720550	18720650	1152-Lng-A-T	123	chr4:18720550-18720650
chr4	18725450	18725550	1090-Lng-A-T	47	chr4:18725450-18725550
chr4	18763550	18763650	1152-Lng-A-T	235	chr4:18763550-18763650
chr4	18769450	18769550	1274-Lng-A-T	84	chr4:18769450-18769550
chr4	18867950	18868050	1152-Lng-A-T	99	chr4:18867950-18868050
chr4	18971150	18971250	1065-Lng-A-T	36	chr4:18971150-18971250
chr4	19343550	19343650	1223-Lng-C-T	58	chr4:19343550-19343650
chr4	19456750	19456850	1065-Lng-B-T	99	chr4:19456750-19456850
chr4	19468150	19468250	901-Lng-A-T	85	chr4:19468150-19468250
chr4	19485650	19485750	1090-Lng-A-T	55	chr4:19485650-19485750
chr4	19506750	19506850	1100-Lng-A-T	1157	chr4:19506750-19506850
chr4	19510350	19510450	1151-Lng-A-T	66	chr4:19510350-19510450
chr4	19531250	19531350	1151-Lng-A-T	99	chr4:19531250-19531350
chr4	19531250	19531350	1167-Lng-A-T	246	chr4:19531250-19531350
chr4	19536250	19536350	901-Lng-D-T	226	chr4:19536250-19536350
chr4	19544650	19544750	1100-Lng-A-T	251	chr4:19544650-19544750
chr4	19554250	19554350	1152-Lng-A-T	66	chr4:19554250-19554350

Table S2: SB Insertion regions

chr4	19555650	19555750	1274-Lng-A-T	88	chr4:19555650-19555750
chr4	19560250	19560350	1152-Lng-A-T	405	chr4:19560250-19560350
chr4	19566850	19566950	1100-Lng-B-T	81	chr4:19566850-19566950
chr4	19597650	19597750	1223-Lng-B-T	46	chr4:19597650-19597750
chr4	19600850	19600950	1065-Lng-A-T	47	chr4:19600850-19600950
chr4	19600850	19600950	1223-Lng-D-T	41	chr4:19600850-19600950
chr4	19617250	19617350	1152-Lng-A-T	72	chr4:19617250-19617350
chr4	19634550	19634650	1151-Lng-A-T	57	chr4:19634550-19634650
chr4	19657050	19657150	1100-Lng-A-T	99	chr4:19657050-19657150
chr4	19895850	19895950	1090-Lng-B-T	1104	chr4:19895850-19895950
chr4	20204250	20204350	1223-Lng-A-T	133	chr4:20204250-20204350
chr4	20211050	20211150	1167-Lng-A-T	55	chr4:20211050-20211150
chr4	20467850	20467950	846-Lng-A-T	170	chr4:20467850-20467950
chr4	20500950	20501050	901-Lng-D-T	162	chr4:20500950-20501050
chr4	20546650	20546750	1090-Lng-B-T	401	chr4:20546650-20546750
chr4	20626350	20626450	1090-Lng-A-T	60	chr4:20626350-20626450
chr4	20670350	20670450	1152-Lng-A-T	79	chr4:20670350-20670450
chr4	20923350	20923450	1223-Lng-D-T	41	chr4:20923350-20923450
chr4	21263750	21263850	1090-Lng-B-T	125	chr4:21263750-21263850
chr4	21295350	21295450	1274-Lng-A-T	54	chr4:21295350-21295450
chr4	21678850	21678950	1100-Lng-A-T	126	chr4:21678850-21678950
chr4	21729650	21729750	1274-Lng-A-T	51	chr4:21729650-21729750
chr4	21761450	21761550	1065-Lng-C-T	77	chr4:21761450-21761550
chr4	21778750	21778850	1274-Lng-A-T	275	chr4:21778750-21778850
chr4	21790550	21790650	1065-Lng-B-T	89	chr4:21790550-21790650
chr4	21797750	21797850	1100-Lng-A-T	66	chr4:21797750-21797850
chr4	21804350	21804450	1188-Lng-A-T	108	chr4:21804350-21804450
chr4	21843650	21843750	1151-Lng-A-T	81	chr4:21843650-21843750
chr4	22065350	22065450	1223-Lng-A-T	524	chr4:22065350-22065450
chr4	22107050	22107150	1065-Lng-B-T	66	chr4:22107050-22107150
chr4	22355050	22355150	1065-Lng-A-T	78	chr4:22355050-22355150
chr4	22593250	22593350	901-Lng-C-T	158	chr4:22593250-22593350
chr4	22804850	22804950	1167-Lng-A-T	97	chr4:22804850-22804950
chr4	22827250	22827350	1223-Lng-C-T	52	chr4:22827250-22827350
chr4	22921350	22921450	1152-Lng-A-T	49	chr4:22921350-22921450
chr4	23053750	23053850	901-Lng-A-T	117	chr4:23053750-23053850
chr4	23113250	23113350	1274-Lng-A-T	57	chr4:23113250-23113350
chr4	23273450	23273550	1274-Lng-A-T	55	chr4:23273450-23273550
chr4	23284950	23285050	1152-Lng-A-T	51	chr4:23284950-23285050
chr4	23307450	23307550	1090-Lng-B-T	584	chr4:23307450-23307550
chr4	23307750	23307850	1100-Lng-A-T	72	chr4:23307750-23307850
chr4	23327950	23328050	1152-Lng-A-T	31	chr4:23327950-23328050
chr4	23332150	23332250	846-Lng-A-T	144	chr4:23332150-23332250
chr4	23370250	23370350	1152-Lng-A-T	56	chr4:23370250-23370350
chr4	23425950	23426050	1100-Lng-A-T	145	chr4:23425950-23426050
chr4	23432750	23432850	846-Lng-A-T	67	chr4:23432750-23432850

Table S2: SB Insertion regions

chr4	23652250	23652350	1072-Lng-A-T	52	chr4:23652250-23652350
chr4	23664450	23664550	846-Lng-A-T	96	chr4:23664450-23664550
chr4	23682550	23682650	1152-Lng-A-T	71	chr4:23682550-23682650
chr4	23935850	23935950	1065-Lng-C-T	1011	chr4:23935850-23935950
chr4	24441050	24441150	1072-Lng-A-T	51	chr4:24441050-24441150
chr4	24470050	24470150	1167-Lng-A-T	103	chr4:24470050-24470150
chr4	24539750	24539850	1065-Lng-A-T	42	chr4:24539750-24539850
chr4	24623750	24623850	901-Lng-D-T	78	chr4:24623750-24623850
chr4	24674350	24674450	1072-Lng-A-T	54	chr4:24674350-24674450
chr4	24768350	24768450	1152-Lng-A-T	234	chr4:24768350-24768450
chr4	24890550	24890650	1274-Lng-A-T	141	chr4:24890550-24890650
chr4	25178650	25178750	1072-Lng-A-T	59	chr4:25178650-25178750
chr4	25360050	25360150	846-Lng-A-T	45	chr4:25360050-25360150
chr4	25772850	25772950	1090-Lng-A-T	1255	chr4:25772850-25772950
chr4	25987750	25987850	1065-Lng-B-T	77	chr4:25987750-25987850
chr4	26243350	26243450	1065-Lng-C-T	93	chr4:26243350-26243450
chr4	26250450	26250550	901-Lng-C-T	34	chr4:26250450-26250550
chr4	26255950	26256050	901-Lng-D-T	126	chr4:26255950-26256050
chr4	26275550	26275650	1090-Lng-A-T	125	chr4:26275550-26275650
chr4	26339850	26339950	1223-Lng-D-T	56	chr4:26339850-26339950
chr4	26470150	26470250	901-Lng-C-T	41	chr4:26470150-26470250
chr4	26521250	26521350	1090-Lng-A-T	99	chr4:26521250-26521350
chr4	26604750	26604850	1065-Lng-C-T	73	chr4:26604750-26604850
chr4	26617550	26617650	1274-Lng-A-T	193	chr4:26617550-26617650
chr4	26659450	26659550	1151-Lng-A-T	287	chr4:26659450-26659550
chr4	26659850	26659950	1090-Lng-A-T	78	chr4:26659850-26659950
chr4	26778350	26778450	1065-Lng-A-T	68	chr4:26778350-26778450
chr4	26819650	26819750	1152-Lng-A-T	85	chr4:26819650-26819750
chr4	26949350	26949450	1152-Lng-A-T	58	chr4:26949350-26949450
chr4	26967950	26968050	1152-Lng-A-T	41	chr4:26967950-26968050
chr4	26999550	26999650	901-Lng-B-T	164	chr4:26999550-26999650
chr4	27037850	27037950	1065-Lng-A-T	73	chr4:27037850-27037950
chr4	27174150	27174250	1100-Lng-A-T	64	chr4:27174150-27174250
chr4	27301350	27301450	1152-Lng-A-T	92	chr4:27301350-27301450
chr4	27379650	27379750	901-Lng-D-T	219	chr4:27379650-27379750
chr4	27500650	27500750	1188-Lng-A-T	144	chr4:27500650-27500750
chr4	27522350	27522450	1100-Lng-A-T	142	chr4:27522350-27522450
chr4	27693350	27693450	1072-Lng-A-T	180	chr4:27693350-27693450
chr4	27865050	27865150	1223-Lng-A-T	106	chr4:27865050-27865150
chr4	28028950	28029050	1100-Lng-A-T	112	chr4:28028950-28029050
chr4	28062150	28062250	1274-Lng-A-T	84	chr4:28062150-28062250
chr4	28104050	28104150	901-Lng-C-T	848	chr4:28104050-28104150
chr4	28104850	28104950	901-Lng-A-T	477	chr4:28104850-28104950
chr4	28125350	28125450	1065-Lng-B-T	82	chr4:28125350-28125450
chr4	28137350	28137450	1274-Lng-A-T	73	chr4:28137350-28137450
chr4	28268050	28268150	1152-Lng-A-T	99	chr4:28268050-28268150

Table S2: SB Insertion regions

chr4	28307950	28308050	1065-Lng-B-T	43	chr4:28307950-28308050
chr4	28399250	28399350	1065-Lng-B-T	74	chr4:28399250-28399350
chr4	28768550	28768650	1065-Lng-A-T	81	chr4:28768550-28768650
chr4	28808750	28808850	1223-Lng-A-T	120	chr4:28808750-28808850
chr4	29173150	29173250	1065-Lng-A-T	69	chr4:29173150-29173250
chr4	29548550	29548650	1072-Lng-A-T	148	chr4:29548550-29548650
chr4	29647350	29647450	1100-Lng-A-T	71	chr4:29647350-29647450
chr4	29657650	29657750	1223-Lng-C-T	46	chr4:29657650-29657750
chr4	29713550	29713650	1004-Lng-A-T	57	chr4:29713550-29713650
chr4	29760750	29760850	1065-Lng-A-T	89	chr4:29760750-29760850
chr4	29787650	29787750	901-Lng-B-T	191	chr4:29787650-29787750
chr4	29957350	29957450	1152-Lng-A-T	42	chr4:29957350-29957450
chr4	30074950	30075050	1065-Lng-B-T	54	chr4:30074950-30075050
chr4	30324050	30324150	1065-Lng-C-T	68	chr4:30324050-30324150
chr4	30363850	30363950	901-Lng-B-T	227	chr4:30363850-30363950
chr4	30803950	30804050	1100-Lng-A-T	135	chr4:30803950-30804050
chr4	30820950	30821050	1223-Lng-D-T	50	chr4:30820950-30821050
chr4	30934550	30934650	1152-Lng-A-T	98	chr4:30934550-30934650
chr4	31138250	31138350	901-Lng-B-T	95	chr4:31138250-31138350
chr4	31263150	31263250	1004-Lng-A-T	79	chr4:31263150-31263250
chr4	31333150	31333250	1223-Lng-B-T	38	chr4:31333150-31333250
chr4	31333250	31333350	1004-Lng-A-T	161	chr4:31333250-31333350
chr4	31340950	31341050	1065-Lng-B-T	103	chr4:31340950-31341050
chr4	31372150	31372250	1090-Lng-B-T	129	chr4:31372150-31372250
chr4	31382350	31382450	1151-Lng-A-T	1140	chr4:31382350-31382450
chr4	31713350	31713450	901-Lng-D-T	230	chr4:31713350-31713450
chr4	32053450	32053550	1274-Lng-A-T	62	chr4:32053450-32053550
chr4	32057350	32057450	1152-Lng-A-T	141	chr4:32057350-32057450
chr4	32083950	32084050	1223-Lng-B-T	465	chr4:32083950-32084050
chr4	32090150	32090250	1065-Lng-B-T	53	chr4:32090150-32090250
chr4	32098950	32099050	1151-Lng-A-T	334	chr4:32098950-32099050
chr4	32282350	32282450	1100-Lng-A-T	149	chr4:32282350-32282450
chr4	32286550	32286650	1100-Lng-A-T	240	chr4:32286550-32286650
chr4	32334350	32334450	1188-Lng-A-T	42	chr4:32334350-32334450
chr4	32338450	32338550	1100-Lng-A-T	55	chr4:32338450-32338550
chr4	32369150	32369250	1274-Lng-A-T	179	chr4:32369150-32369250
chr4	32405850	32405950	1065-Lng-B-T	126	chr4:32405850-32405950
chr4	32608250	32608350	901-Lng-A-T	379	chr4:32608250-32608350
chr4	32737350	32737450	1152-Lng-A-T	311	chr4:32737350-32737450
chr4	32807550	32807650	901-Lng-C-T	213	chr4:32807550-32807650
chr4	33104450	33104550	1100-Lng-B-T	55	chr4:33104450-33104550
chr4	33139050	33139150	901-Lng-A-T	299	chr4:33139050-33139150
chr4	33294450	33294550	1065-Lng-A-T	93	chr4:33294450-33294550
chr4	33405550	33405650	901-Lng-C-T	200	chr4:33405550-33405650
chr4	33419650	33419750	1090-Lng-A-T	599	chr4:33419650-33419750
chr4	33498050	33498150	1223-Lng-B-T	49	chr4:33498050-33498150

Table S2: SB Insertion regions

chr4	33911550	33911650	1152-Lng-A-T	82	chr4:33911550-33911650
chr4	34216650	34216750	1152-Lng-A-T	32	chr4:34216650-34216750
chr4	34508150	34508250	1274-Lng-A-T	77	chr4:34508150-34508250
chr4	34519850	34519950	1100-Lng-A-T	98	chr4:34519850-34519950
chr4	34522050	34522150	1100-Lng-A-T	448	chr4:34522050-34522150
chr4	34545550	34545650	846-Lng-A-T	64	chr4:34545550-34545650
chr4	34585150	34585250	1065-Lng-B-T	77	chr4:34585150-34585250
chr4	34626450	34626550	901-Lng-A-T	88	chr4:34626450-34626550
chr4	34716850	34716950	1223-Lng-A-T	91	chr4:34716850-34716950
chr4	34767850	34767950	1151-Lng-A-T	73	chr4:34767850-34767950
chr4	34769550	34769650	1151-Lng-A-T	98	chr4:34769550-34769650
chr4	34779550	34779650	1274-Lng-A-T	71	chr4:34779550-34779650
chr4	34781450	34781550	1274-Lng-A-T	95	chr4:34781450-34781550
chr4	34782150	34782250	1100-Lng-A-T	124	chr4:34782150-34782250
chr4	34879550	34879650	1100-Lng-A-T	70	chr4:34879550-34879650
chr4	34946150	34946250	1004-Lng-A-T	117	chr4:34946150-34946250
chr4	34949550	34949650	1223-Lng-B-T	42	chr4:34949550-34949650
chr4	34972850	34972950	1090-Lng-B-T	365	chr4:34972850-34972950
chr4	35033050	35033150	1065-Lng-C-T	85	chr4:35033050-35033150
chr4	35044850	35044950	1274-Lng-A-T	73	chr4:35044850-35044950
chr4	35059550	35059650	1274-Lng-A-T	218	chr4:35059550-35059650
chr4	35059850	35059950	1151-Lng-A-T	69	chr4:35059850-35059950
chr4	35063650	35063750	1100-Lng-A-T	52	chr4:35063650-35063750
chr4	35095850	35095950	1065-Lng-B-T	54	chr4:35095850-35095950
chr4	35113450	35113550	901-Lng-B-T	191	chr4:35113450-35113550
chr4	35620550	35620650	1090-Lng-A-T	49	chr4:35620550-35620650
chr4	35680250	35680350	1065-Lng-B-T	48	chr4:35680250-35680350
chr4	35906950	35907050	1274-Lng-A-T	104	chr4:35906950-35907050
chr4	35960350	35960450	1065-Lng-C-T	79	chr4:35960350-35960450
chr4	35977150	35977250	1274-Lng-A-T	90	chr4:35977150-35977250
chr4	36036650	36036750	1065-Lng-C-T	82	chr4:36036650-36036750
chr4	36062250	36062350	1223-Lng-A-T	1998	chr4:36062250-36062350
chr4	36098450	36098550	1167-Lng-A-T	66	chr4:36098450-36098550
chr4	36280350	36280450	901-Lng-B-T	40	chr4:36280350-36280450
chr4	36364950	36365050	1065-Lng-A-T	99	chr4:36364950-36365050
chr4	36410850	36410950	1152-Lng-A-T	51	chr4:36410850-36410950
chr4	36472750	36472850	1152-Lng-A-T	47	chr4:36472750-36472850
chr4	36502750	36502850	1151-Lng-A-T	54	chr4:36502750-36502850
chr4	36521250	36521350	1152-Lng-A-T	133	chr4:36521250-36521350
chr4	36547150	36547250	1072-Lng-A-T	72	chr4:36547150-36547250
chr4	36570550	36570650	1223-Lng-C-T	52	chr4:36570550-36570650
chr4	36673950	36674050	1004-Lng-A-T	111	chr4:36673950-36674050
chr4	36702550	36702650	1152-Lng-A-T	161	chr4:36702550-36702650
chr4	36705650	36705750	1167-Lng-A-T	122	chr4:36705650-36705750
chr4	36727650	36727750	1274-Lng-A-T	52	chr4:36727650-36727750
chr4	36815350	36815450	1065-Lng-C-T	83	chr4:36815350-36815450

Table S2: SB Insertion regions

chr4	36901750	36901850	1100-Lng-A-T	53	chr4:36901750-36901850
chr4	36937150	36937250	1004-Lng-A-T	63	chr4:36937150-36937250
chr4	37378250	37378350	1223-Lng-A-T	67	chr4:37378250-37378350
chr4	37525950	37526050	1065-Lng-C-T	84	chr4:37525950-37526050
chr4	37698150	37698250	1274-Lng-A-T	136	chr4:37698150-37698250
chr4	37753250	37753350	846-Lng-A-T	79	chr4:37753250-37753350
chr4	37838050	37838150	1065-Lng-B-T	50	chr4:37838050-37838150
chr4	37898750	37898850	1152-Lng-A-T	70	chr4:37898750-37898850
chr4	37954550	37954650	1065-Lng-C-T	148	chr4:37954550-37954650
chr4	38395150	38395250	1090-Lng-A-T	86	chr4:38395150-38395250
chr4	38440850	38440950	1072-Lng-A-T	219	chr4:38440850-38440950
chr4	38607050	38607150	1065-Lng-A-T	44	chr4:38607050-38607150
chr4	38615050	38615150	1100-Lng-A-T	64	chr4:38615050-38615150
chr4	39248050	39248150	1223-Lng-C-T	46	chr4:39248050-39248150
chr4	39422650	39422750	1065-Lng-C-T	88	chr4:39422650-39422750
chr4	39424550	39424650	1188-Lng-A-T	46	chr4:39424550-39424650
chr4	39440450	39440550	1065-Lng-C-T	321	chr4:39440450-39440550
chr4	39549750	39549850	901-Lng-B-T	98	chr4:39549750-39549850
chr4	39559850	39559950	1274-Lng-A-T	49	chr4:39559850-39559950
chr4	39661450	39661550	1065-Lng-A-T	71	chr4:39661450-39661550
chr4	39717750	39717850	1065-Lng-C-T	92	chr4:39717750-39717850
chr4	39745250	39745350	1152-Lng-A-T	41	chr4:39745250-39745350
chr4	40117150	40117250	1274-Lng-A-T	134	chr4:40117150-40117250
chr4	40125450	40125550	901-Lng-A-T	82	chr4:40125450-40125550
chr4	40159750	40159850	1065-Lng-C-T	140	chr4:40159750-40159850
chr4	40617350	40617450	1004-Lng-A-T	51	chr4:40617350-40617450
chr4	40673250	40673350	1100-Lng-A-T	79	chr4:40673250-40673350
chr4	40701850	40701950	1100-Lng-A-T	75	chr4:40701850-40701950
chr4	40731850	40731950	1274-Lng-A-T	80	chr4:40731850-40731950
chr4	40773250	40773350	1152-Lng-A-T	53	chr4:40773250-40773350
chr4	40789650	40789750	1152-Lng-A-T	72	chr4:40789650-40789750
chr4	40805550	40805650	1100-Lng-A-T	343	chr4:40805550-40805650
chr4	40945250	40945350	1274-Lng-A-T	53	chr4:40945250-40945350
chr4	41061450	41061550	1100-Lng-A-T	74	chr4:41061450-41061550
chr4	41081650	41081750	1223-Lng-D-T	48	chr4:41081650-41081750
chr4	41087750	41087850	1065-Lng-C-T	81	chr4:41087750-41087850
chr4	41093750	41093850	901-Lng-A-T	84	chr4:41093750-41093850
chr4	41106350	41106450	1100-Lng-A-T	55	chr4:41106350-41106450
chr4	41111750	41111850	1274-Lng-A-T	173	chr4:41111750-41111850
chr4	41173850	41173950	901-Lng-C-T	182	chr4:41173850-41173950
chr4	41203750	41203850	1274-Lng-A-T	61	chr4:41203750-41203850
chr4	41203750	41203850	1188-Lng-A-T	54	chr4:41203750-41203850
chr4	41223550	41223650	1065-Lng-A-T	330	chr4:41223550-41223650
chr4	41281050	41281150	1065-Lng-B-T	45	chr4:41281050-41281150
chr4	41305950	41306050	1065-Lng-A-T	60	chr4:41305950-41306050
chr4	41330550	41330650	1223-Lng-B-T	251	chr4:41330550-41330650

Table S2: SB Insertion regions

chr4	41490750	41490850	1065-Lng-C-T	75	chr4:41490750-41490850
chr4	42948850	42948950	1100-Lng-A-T	104	chr4:42948850-42948950
chr4	43005750	43005850	1090-Lng-A-T	56	chr4:43005750-43005850
chr4	43021350	43021450	1100-Lng-A-T	119	chr4:43021350-43021450
chr4	43074950	43075050	1100-Lng-A-T	523	chr4:43074950-43075050
chr4	43118250	43118350	1100-Lng-A-T	214	chr4:43118250-43118350
chr4	43132550	43132650	1274-Lng-A-T	53	chr4:43132550-43132650
chr4	43172950	43173050	1100-Lng-A-T	64	chr4:43172950-43173050
chr4	43206450	43206550	1167-Lng-A-T	58	chr4:43206450-43206550
chr4	43267550	43267650	1090-Lng-A-T	94	chr4:43267550-43267650
chr4	43286650	43286750	1100-Lng-A-T	129	chr4:43286650-43286750
chr4	43289550	43289650	1223-Lng-B-T	35	chr4:43289550-43289650
chr4	43303650	43303750	1100-Lng-A-T	111	chr4:43303650-43303750
chr4	43306050	43306150	1100-Lng-A-T	493	chr4:43306050-43306150
chr4	43307750	43307850	1100-Lng-A-T	73	chr4:43307750-43307850
chr4	43385350	43385450	1100-Lng-A-T	53	chr4:43385350-43385450
chr4	43408550	43408650	1090-Lng-B-T	124	chr4:43408550-43408650
chr4	43424050	43424150	1223-Lng-D-T	44	chr4:43424050-43424150
chr4	43571150	43571250	901-Lng-D-T	350	chr4:43571150-43571250
chr4	43762550	43762650	1152-Lng-A-T	39	chr4:43762550-43762650
chr4	43810550	43810650	1065-Lng-B-T	69	chr4:43810550-43810650
chr4	43875250	43875350	1274-Lng-A-T	144	chr4:43875250-43875350
chr4	43913650	43913750	1223-Lng-D-T	48	chr4:43913650-43913750
chr4	43914850	43914950	1100-Lng-A-T	70	chr4:43914850-43914950
chr4	43963250	43963350	1274-Lng-A-T	67	chr4:43963250-43963350
chr4	43983650	43983750	1274-Lng-A-T	72	chr4:43983650-43983750
chr4	44140350	44140450	901-Lng-C-T	64	chr4:44140350-44140450
chr4	44212350	44212450	1152-Lng-A-T	67	chr4:44212350-44212450
chr4	44215050	44215150	1188-Lng-A-T	238	chr4:44215050-44215150
chr4	44263050	44263150	1065-Lng-C-T	184	chr4:44263050-44263150
chr4	44331350	44331450	901-Lng-B-T	271	chr4:44331350-44331450
chr4	44773350	44773450	901-Lng-B-T	237	chr4:44773350-44773450
chr4	44836350	44836450	1004-Lng-A-T	129	chr4:44836350-44836450
chr4	44884650	44884750	1188-Lng-A-T	84	chr4:44884650-44884750
chr4	44890350	44890450	1065-Lng-B-T	65	chr4:44890350-44890450
chr4	45008650	45008750	1065-Lng-B-T	54	chr4:45008650-45008750
chr4	45011150	45011250	901-Lng-C-T	64	chr4:45011150-45011250
chr4	45244450	45244550	1072-Lng-A-T	55	chr4:45244450-45244550
chr4	45276450	45276550	1167-Lng-A-T	77	chr4:45276450-45276550
chr4	45330250	45330350	1151-Lng-A-T	250	chr4:45330250-45330350
chr4	45358550	45358650	1223-Lng-D-T	40	chr4:45358550-45358650
chr4	45365050	45365150	1090-Lng-B-T	981	chr4:45365050-45365150
chr4	45377150	45377250	1188-Lng-A-T	1016	chr4:45377150-45377250
chr4	45481950	45482050	1152-Lng-A-T	98	chr4:45481950-45482050
chr4	45504550	45504650	1274-Lng-A-T	60	chr4:45504550-45504650
chr4	45513550	45513650	1100-Lng-A-T	61	chr4:45513550-45513650

Table S2: SB Insertion regions

chr4	45514450	45514550	901-Lng-B-T	36	chr4:45514450-45514550
chr4	45515750	45515850	1004-Lng-A-T	68	chr4:45515750-45515850
chr4	45521350	45521450	901-Lng-B-T	37	chr4:45521350-45521450
chr4	45565350	45565450	1223-Lng-C-T	93	chr4:45565350-45565450
chr4	45660150	45660250	1090-Lng-B-T	191	chr4:45660150-45660250
chr4	45797950	45798050	1167-Lng-A-T	94	chr4:45797950-45798050
chr4	46006350	46006450	1152-Lng-A-T	156	chr4:46006350-46006450
chr4	46026550	46026650	1223-Lng-D-T	155	chr4:46026550-46026650
chr4	46150250	46150350	901-Lng-C-T	77	chr4:46150250-46150350
chr4	46176950	46177050	1100-Lng-A-T	94	chr4:46176950-46177050
chr4	46319350	46319450	1274-Lng-A-T	102	chr4:46319350-46319450
chr4	46419850	46419950	1274-Lng-A-T	118	chr4:46419850-46419950
chr4	46468250	46468350	1100-Lng-A-T	54	chr4:46468250-46468350
chr4	46929250	46929350	901-Lng-A-T	185	chr4:46929250-46929350
chr4	47077350	47077450	1223-Lng-D-T	59	chr4:47077350-47077450
chr4	47117450	47117550	901-Lng-D-T	155	chr4:47117450-47117550
chr4	47375150	47375250	901-Lng-B-T	172	chr4:47375150-47375250
chr4	47395850	47395950	1274-Lng-A-T	87	chr4:47395850-47395950
chr4	47414850	47414950	1188-Lng-A-T	166	chr4:47414850-47414950
chr4	47422150	47422250	1151-Lng-A-T	62	chr4:47422150-47422250
chr4	47627550	47627650	1223-Lng-A-T	68	chr4:47627550-47627650
chr4	47685450	47685550	1274-Lng-A-T	55	chr4:47685450-47685550
chr4	47792550	47792650	1072-Lng-A-T	105	chr4:47792550-47792650
chr4	47868950	47869050	1004-Lng-A-T	71	chr4:47868950-47869050
chr4	47945050	47945150	1223-Lng-B-T	144	chr4:47945050-47945150
chr4	48159650	48159750	1152-Lng-A-T	68	chr4:48159650-48159750
chr4	48211850	48211950	1188-Lng-A-T	41	chr4:48211850-48211950
chr4	48219150	48219250	1274-Lng-A-T	73	chr4:48219150-48219250
chr4	48229750	48229850	901-Lng-D-T	108	chr4:48229750-48229850
chr4	48232650	48232750	901-Lng-C-T	211	chr4:48232650-48232750
chr4	48232650	48232750	1152-Lng-A-T	360	chr4:48232650-48232750
chr4	48257750	48257850	1152-Lng-A-T	121	chr4:48257750-48257850
chr4	48276450	48276550	1100-Lng-A-T	149	chr4:48276450-48276550
chr4	48431850	48431950	1090-Lng-A-T	117	chr4:48431850-48431950
chr4	48476050	48476150	1274-Lng-A-T	98	chr4:48476050-48476150
chr4	48479150	48479250	1100-Lng-A-T	286	chr4:48479150-48479250
chr4	48486850	48486950	1274-Lng-A-T	106	chr4:48486850-48486950
chr4	48712550	48712650	901-Lng-B-T	80	chr4:48712550-48712650
chr4	48783250	48783350	846-Lng-A-T	54	chr4:48783250-48783350
chr4	48793650	48793750	901-Lng-B-T	114	chr4:48793650-48793750
chr4	49039750	49039850	1065-Lng-B-T	77	chr4:49039750-49039850
chr4	49268750	49268850	1223-Lng-D-T	41	chr4:49268750-49268850
chr4	49572150	49572250	1065-Lng-B-T	83	chr4:49572150-49572250
chr4	49647650	49647750	1167-Lng-A-T	61	chr4:49647650-49647750
chr4	49651950	49652050	1274-Lng-A-T	57	chr4:49651950-49652050
chr4	49663250	49663350	1004-Lng-A-T	54	chr4:49663250-49663350

Table S2: SB Insertion regions

chr4	49668550	49668650	1167-Lng-A-T	57	chr4:49668550-49668650
chr4	49676950	49677050	1167-Lng-A-T	127	chr4:49676950-49677050
chr4	49764650	49764750	1223-Lng-D-T	42	chr4:49764650-49764750
chr4	49842450	49842550	901-Lng-C-T	84	chr4:49842450-49842550
chr4	49863750	49863850	1100-Lng-A-T	73	chr4:49863750-49863850
chr4	50120250	50120350	1004-Lng-A-T	290	chr4:50120250-50120350
chr4	50120750	50120850	901-Lng-A-T	591	chr4:50120750-50120850
chr4	50324050	50324150	1274-Lng-A-T	56	chr4:50324050-50324150
chr4	50386350	50386450	901-Lng-D-T	190	chr4:50386350-50386450
chr4	50426750	50426850	1100-Lng-A-T	87	chr4:50426750-50426850
chr4	50539250	50539350	1072-Lng-A-T	71	chr4:50539250-50539350
chr4	50690950	50691050	901-Lng-C-T	67	chr4:50690950-50691050
chr4	50863250	50863350	1090-Lng-A-T	46	chr4:50863250-50863350
chr4	50996350	50996450	1223-Lng-B-T	119	chr4:50996350-50996450
chr4	51020950	51021050	1152-Lng-A-T	65	chr4:51020950-51021050
chr4	51040950	51041050	1167-Lng-A-T	50	chr4:51040950-51041050
chr4	51132350	51132450	1004-Lng-A-T	78	chr4:51132350-51132450
chr4	51202050	51202150	1223-Lng-B-T	72	chr4:51202050-51202150
chr4	51230050	51230150	1223-Lng-D-T	54	chr4:51230050-51230150
chr4	51367350	51367450	901-Lng-A-T	488	chr4:51367350-51367450
chr4	51449550	51449650	1152-Lng-A-T	61	chr4:51449550-51449650
chr4	51584550	51584650	1152-Lng-A-T	43	chr4:51584550-51584650
chr4	51659050	51659150	1072-Lng-A-T	65	chr4:51659050-51659150
chr4	51983550	51983650	1065-Lng-A-T	60	chr4:51983550-51983650
chr4	52108650	52108750	1065-Lng-A-T	44	chr4:52108650-52108750
chr4	52116550	52116650	1065-Lng-B-T	94	chr4:52116550-52116650
chr4	52303850	52303950	901-Lng-D-T	170	chr4:52303850-52303950
chr4	52470350	52470450	1004-Lng-A-T	880	chr4:52470350-52470450
chr4	52542650	52542750	1152-Lng-A-T	57	chr4:52542650-52542750
chr4	52545950	52546050	1100-Lng-A-T	87	chr4:52545950-52546050
chr4	52838150	52838250	1090-Lng-B-T	71	chr4:52838150-52838250
chr4	52943850	52943950	1065-Lng-B-T	42	chr4:52943850-52943950
chr4	53094450	53094550	1274-Lng-A-T	57	chr4:53094450-53094550
chr4	53538750	53538850	1223-Lng-B-T	46	chr4:53538750-53538850
chr4	53540050	53540150	901-Lng-A-T	68	chr4:53540050-53540150
chr4	53572550	53572650	1223-Lng-D-T	40	chr4:53572550-53572650
chr4	53591750	53591850	1090-Lng-A-T	56	chr4:53591750-53591850
chr4	53662150	53662250	1004-Lng-A-T	74	chr4:53662150-53662250
chr4	53667750	53667850	1100-Lng-A-T	56	chr4:53667750-53667850
chr4	53672550	53672650	1223-Lng-C-T	88	chr4:53672550-53672650
chr4	53858250	53858350	1152-Lng-A-T	98	chr4:53858250-53858350
chr4	53971750	53971850	1223-Lng-A-T	138	chr4:53971750-53971850
chr4	54299850	54299950	901-Lng-C-T	60	chr4:54299850-54299950
chr4	54394150	54394250	1065-Lng-A-T	37	chr4:54394150-54394250
chr4	54497050	54497150	1065-Lng-A-T	41	chr4:54497050-54497150
chr4	54592450	54592550	1223-Lng-A-T	70	chr4:54592450-54592550

Table S2: SB Insertion regions

chr4	54705250	54705350	1151-Lng-A-T	109	chr4:54705250-54705350
chr4	54735450	54735550	1223-Lng-B-T	34	chr4:54735450-54735550
chr4	54775750	54775850	1274-Lng-A-T	61	chr4:54775750-54775850
chr4	55059950	55060050	1223-Lng-D-T	54	chr4:55059950-55060050
chr4	55196050	55196150	901-Lng-B-T	171	chr4:55196050-55196150
chr4	55339550	55339650	1100-Lng-A-T	153	chr4:55339550-55339650
chr4	55380350	55380450	1274-Lng-A-T	1779	chr4:55380350-55380450
chr4	55400650	55400750	901-Lng-A-T	93	chr4:55400650-55400750
chr4	55713750	55713850	1065-Lng-C-T	75	chr4:55713750-55713850
chr4	55913350	55913450	1223-Lng-C-T	51	chr4:55913350-55913450
chr4	55985050	55985150	1090-Lng-A-T	67	chr4:55985050-55985150
chr4	56181850	56181950	1065-Lng-C-T	106	chr4:56181850-56181950
chr4	56278150	56278250	1065-Lng-B-T	44	chr4:56278150-56278250
chr4	56553050	56553150	1065-Lng-A-T	73	chr4:56553050-56553150
chr4	56776550	56776650	1152-Lng-A-T	64	chr4:56776550-56776650
chr4	56812650	56812750	1065-Lng-A-T	81	chr4:56812650-56812750
chr4	56831050	56831150	1151-Lng-A-T	98	chr4:56831050-56831150
chr4	56862650	56862750	1100-Lng-A-T	134	chr4:56862650-56862750
chr4	56893650	56893750	1274-Lng-A-T	85	chr4:56893650-56893750
chr4	56902150	56902250	1274-Lng-A-T	59	chr4:56902150-56902250
chr4	56903850	56903950	1100-Lng-A-T	55	chr4:56903850-56903950
chr4	56906050	56906150	1100-Lng-A-T	97	chr4:56906050-56906150
chr4	56930650	56930750	1223-Lng-A-T	51	chr4:56930650-56930750
chr4	57140450	57140550	1152-Lng-A-T	90	chr4:57140450-57140550
chr4	57144250	57144350	1152-Lng-A-T	45	chr4:57144250-57144350
chr4	57204350	57204450	1090-Lng-A-T	87	chr4:57204350-57204450
chr4	57222050	57222150	1065-Lng-C-T	73	chr4:57222050-57222150
chr4	57243950	57244050	1065-Lng-C-T	67	chr4:57243950-57244050
chr4	57250250	57250350	1188-Lng-A-T	38	chr4:57250250-57250350
chr4	57257550	57257650	1152-Lng-A-T	126	chr4:57257550-57257650
chr4	57259650	57259750	1274-Lng-A-T	148	chr4:57259650-57259750
chr4	57284450	57284550	1167-Lng-A-T	50	chr4:57284450-57284550
chr4	57313750	57313850	1223-Lng-A-T	117	chr4:57313750-57313850
chr4	57350550	57350650	1152-Lng-A-T	107	chr4:57350550-57350650
chr4	57361350	57361450	1188-Lng-A-T	175	chr4:57361350-57361450
chr4	57508950	57509050	1167-Lng-A-T	54	chr4:57508950-57509050
chr4	57567550	57567650	1090-Lng-B-T	112	chr4:57567550-57567650
chr4	57735950	57736050	1090-Lng-B-T	249	chr4:57735950-57736050
chr4	57875950	57876050	1223-Lng-A-T	53	chr4:57875950-57876050
chr4	57876050	57876150	1223-Lng-A-T	312	chr4:57876050-57876150
chr4	57958450	57958550	1065-Lng-B-T	45	chr4:57958450-57958550
chr4	57960250	57960350	1188-Lng-A-T	285	chr4:57960250-57960350
chr4	58493550	58493650	1151-Lng-A-T	142	chr4:58493550-58493650
chr4	58811650	58811750	901-Lng-A-T	86	chr4:58811650-58811750
chr4	58821350	58821450	1152-Lng-A-T	115	chr4:58821350-58821450
chr4	58833250	58833350	1188-Lng-A-T	177	chr4:58833250-58833350

Table S2: SB Insertion regions

chr4	58860550	58860650	1100-Lng-A-T	56	chr4:58860550-58860650
chr4	58875450	58875550	1223-Lng-C-T	83	chr4:58875450-58875550
chr4	58884650	58884750	1152-Lng-A-T	53	chr4:58884650-58884750
chr4	58900250	58900350	1100-Lng-A-T	57	chr4:58900250-58900350
chr4	58905250	58905350	901-Lng-A-T	53	chr4:58905250-58905350
chr4	58906950	58907050	1065-Lng-C-T	78	chr4:58906950-58907050
chr4	58913850	58913950	1151-Lng-A-T	602	chr4:58913850-58913950
chr4	58914450	58914550	1100-Lng-A-T	56	chr4:58914450-58914550
chr4	58921750	58921850	1100-Lng-A-T	249	chr4:58921750-58921850
chr4	58994250	58994350	1100-Lng-A-T	57	chr4:58994250-58994350
chr4	59008350	59008450	1072-Lng-A-T	113	chr4:59008350-59008450
chr4	59021950	59022050	1100-Lng-A-T	67	chr4:59021950-59022050
chr4	59048550	59048650	901-Lng-A-T	112	chr4:59048550-59048650
chr4	59403850	59403950	901-Lng-B-T	56	chr4:59403850-59403950
chr4	59496850	59496950	1100-Lng-A-T	370	chr4:59496850-59496950
chr4	59501450	59501550	1223-Lng-C-T	52	chr4:59501450-59501550
chr4	59504750	59504850	1090-Lng-A-T	61	chr4:59504750-59504850
chr4	59540750	59540850	901-Lng-C-T	34	chr4:59540750-59540850
chr4	59549450	59549550	1065-Lng-C-T	70	chr4:59549450-59549550
chr4	59645750	59645850	1100-Lng-A-T	114	chr4:59645750-59645850
chr4	59672850	59672950	1072-Lng-A-T	147	chr4:59672850-59672950
chr4	59701750	59701850	1065-Lng-A-T	43	chr4:59701750-59701850
chr4	59742150	59742250	1004-Lng-A-T	135	chr4:59742150-59742250
chr4	59766850	59766950	1223-Lng-A-T	398	chr4:59766850-59766950
chr4	59812950	59813050	1072-Lng-A-T	155	chr4:59812950-59813050
chr4	59821650	59821750	901-Lng-C-T	50	chr4:59821650-59821750
chr4	59844950	59845050	1274-Lng-A-T	178	chr4:59844950-59845050
chr4	59877950	59878050	1072-Lng-A-T	74	chr4:59877950-59878050
chr4	61229150	61229250	1004-Lng-A-T	243	chr4:61229150-61229250
chr4	61471050	61471150	1100-Lng-A-T	88	chr4:61471050-61471150
chr4	61959150	61959250	1072-Lng-A-T	193	chr4:61959150-61959250
chr4	61985850	61985950	1065-Lng-B-T	72	chr4:61985850-61985950
chr4	62005150	62005250	1065-Lng-B-T	103	chr4:62005150-62005250
chr4	62057850	62057950	1151-Lng-A-T	59	chr4:62057850-62057950
chr4	62144450	62144550	1152-Lng-A-T	391	chr4:62144450-62144550
chr4	62156350	62156450	1100-Lng-A-T	69	chr4:62156350-62156450
chr4	62353150	62353250	1090-Lng-A-T	44	chr4:62353150-62353250
chr4	62641150	62641250	1065-Lng-B-T	44	chr4:62641150-62641250
chr4	62681250	62681350	1072-Lng-A-T	62	chr4:62681250-62681350
chr4	62749850	62749950	1100-Lng-A-T	111	chr4:62749850-62749950
chr4	62975350	62975450	1065-Lng-A-T	39	chr4:62975350-62975450
chr4	63022750	63022850	901-Lng-C-T	258	chr4:63022750-63022850
chr4	63034850	63034950	1100-Lng-A-T	74	chr4:63034850-63034950
chr4	63162950	63163050	1065-Lng-A-T	43	chr4:63162950-63163050
chr4	63175350	63175450	1223-Lng-D-T	48	chr4:63175350-63175450
chr4	63210550	63210650	1167-Lng-A-T	99	chr4:63210550-63210650

Table S2: SB Insertion regions

chr4	63226350	63226450	901-Lng-A-T	268	chr4:63226350-63226450
chr4	63409150	63409250	1223-Lng-B-T	43	chr4:63409150-63409250
chr4	63441350	63441450	846-Lng-A-T	176	chr4:63441350-63441450
chr4	63510550	63510650	1223-Lng-D-T	41	chr4:63510550-63510650
chr4	63604850	63604950	1223-Lng-A-T	236	chr4:63604850-63604950
chr4	63795850	63795950	1223-Lng-C-T	52	chr4:63795850-63795950
chr4	63848350	63848450	901-Lng-C-T	44	chr4:63848350-63848450
chr4	64057750	64057850	1004-Lng-A-T	72	chr4:64057750-64057850
chr4	65040550	65040650	1004-Lng-A-T	121	chr4:65040550-65040650
chr4	65066050	65066150	1100-Lng-A-T	68	chr4:65066050-65066150
chr4	65435450	65435550	1004-Lng-A-T	65	chr4:65435450-65435550
chr4	65507050	65507150	1152-Lng-A-T	32	chr4:65507050-65507150
chr4	65894750	65894850	1065-Lng-B-T	51	chr4:65894750-65894850
chr4	65925650	65925750	1065-Lng-A-T	71	chr4:65925650-65925750
chr4	65956850	65956950	1004-Lng-A-T	197	chr4:65956850-65956950
chr4	66013650	66013750	1090-Lng-A-T	77	chr4:66013650-66013750
chr4	66089250	66089350	1100-Lng-A-T	76	chr4:66089250-66089350
chr4	66161950	66162050	1065-Lng-B-T	48	chr4:66161950-66162050
chr4	66189450	66189550	1100-Lng-A-T	91	chr4:66189450-66189550
chr4	66237750	66237850	846-Lng-A-T	106	chr4:66237750-66237850
chr4	66266550	66266650	901-Lng-A-T	494	chr4:66266550-66266650
chr4	66556550	66556650	901-Lng-C-T	41	chr4:66556550-66556650
chr4	66662050	66662150	1167-Lng-A-T	69	chr4:66662050-66662150
chr4	66813350	66813450	1072-Lng-A-T	79	chr4:66813350-66813450
chr4	66843650	66843750	901-Lng-D-T	324	chr4:66843650-66843750
chr4	66924350	66924450	1151-Lng-A-T	95	chr4:66924350-66924450
chr4	67061450	67061550	1223-Lng-B-T	39	chr4:67061450-67061550
chr4	67101250	67101350	901-Lng-C-T	194	chr4:67101250-67101350
chr4	67122050	67122150	1152-Lng-A-T	60	chr4:67122050-67122150
chr4	67194850	67194950	901-Lng-C-T	43	chr4:67194850-67194950
chr4	67278350	67278450	1152-Lng-A-T	150	chr4:67278350-67278450
chr4	67355650	67355750	1151-Lng-A-T	61	chr4:67355650-67355750
chr4	67398350	67398450	1065-Lng-C-T	70	chr4:67398350-67398450
chr4	67446150	67446250	901-Lng-D-T	246	chr4:67446150-67446250
chr4	67447650	67447750	1065-Lng-B-T	69	chr4:67447650-67447750
chr4	67483350	67483450	1188-Lng-A-T	86	chr4:67483350-67483450
chr4	67547350	67547450	901-Lng-C-T	120	chr4:67547350-67547450
chr4	67555150	67555250	1072-Lng-A-T	242	chr4:67555150-67555250
chr4	67732150	67732250	1152-Lng-A-T	47	chr4:67732150-67732250
chr4	67748750	67748850	1274-Lng-A-T	81	chr4:67748750-67748850
chr4	67751750	67751850	1100-Lng-A-T	73	chr4:67751750-67751850
chr4	67817750	67817850	1167-Lng-A-T	83	chr4:67817750-67817850
chr4	67882050	67882150	1274-Lng-A-T	63	chr4:67882050-67882150
chr4	67917950	67918050	1065-Lng-A-T	96	chr4:67917950-67918050
chr4	68013650	68013750	901-Lng-D-T	364	chr4:68013650-68013750
chr4	68045750	68045850	1167-Lng-A-T	62	chr4:68045750-68045850

Table S2: SB Insertion regions

chr4	68143150	68143250	901-Lng-A-T	81	chr4:68143150-68143250
chr4	68238850	68238950	1152-Lng-A-T	70	chr4:68238850-68238950
chr4	68527050	68527150	1100-Lng-A-T	60	chr4:68527050-68527150
chr4	68763450	68763550	1223-Lng-B-T	76	chr4:68763450-68763550
chr4	68863950	68864050	1152-Lng-A-T	209	chr4:68863950-68864050
chr4	68913550	68913650	1274-Lng-A-T	208	chr4:68913550-68913650
chr4	69188950	69189050	1274-Lng-A-T	56	chr4:69188950-69189050
chr4	69703050	69703150	1065-Lng-A-T	52	chr4:69703050-69703150
chr4	69897550	69897650	1065-Lng-C-T	76	chr4:69897550-69897650
chr4	69946450	69946550	901-Lng-A-T	495	chr4:69946450-69946550
chr4	70039150	70039250	1065-Lng-A-T	61	chr4:70039150-70039250
chr4	70039150	70039250	1090-Lng-A-T	56	chr4:70039150-70039250
chr4	70039250	70039350	1167-Lng-A-T	45	chr4:70039250-70039350
chr4	70101650	70101750	1223-Lng-C-T	44	chr4:70101650-70101750
chr4	70112150	70112250	1100-Lng-A-T	84	chr4:70112150-70112250
chr4	70149950	70150050	901-Lng-C-T	48	chr4:70149950-70150050
chr4	70155250	70155350	1065-Lng-A-T	84	chr4:70155250-70155350
chr4	70165450	70165550	1090-Lng-A-T	55	chr4:70165450-70165550
chr4	70168450	70168550	1274-Lng-A-T	64	chr4:70168450-70168550
chr4	70180450	70180550	1100-Lng-B-T	7811	chr4:70180450-70180550
chr4	70205250	70205350	1100-Lng-A-T	53	chr4:70205250-70205350
chr4	70370850	70370950	1100-Lng-A-T	146	chr4:70370850-70370950
chr4	70463250	70463350	901-Lng-C-T	50	chr4:70463250-70463350
chr4	70658650	70658750	1152-Lng-A-T	61	chr4:70658650-70658750
chr4	70683550	70683650	1274-Lng-A-T	93	chr4:70683550-70683650
chr4	70809650	70809750	1100-Lng-A-T	179	chr4:70809650-70809750
chr4	70856950	70857050	1151-Lng-A-T	62	chr4:70856950-70857050
chr4	70916650	70916750	901-Lng-A-T	77	chr4:70916650-70916750
chr4	71001850	71001950	1152-Lng-A-T	40	chr4:71001850-71001950
chr4	71197850	71197950	1152-Lng-A-T	58	chr4:71197850-71197950
chr4	71425250	71425350	1223-Lng-B-T	144	chr4:71425250-71425350
chr4	71811350	71811450	1100-Lng-A-T	55	chr4:71811350-71811450
chr4	71813950	71814050	1274-Lng-A-T	55	chr4:71813950-71814050
chr4	71834650	71834750	1274-Lng-A-T	113	chr4:71834650-71834750
chr4	71837150	71837250	1100-Lng-A-T	62	chr4:71837150-71837250
chr4	71846950	71847050	1274-Lng-A-T	68	chr4:71846950-71847050
chr4	71847250	71847350	1065-Lng-A-T	77	chr4:71847250-71847350
chr4	71851950	71852050	1100-Lng-A-T	1699	chr4:71851950-71852050
chr4	71879550	71879650	1223-Lng-D-T	446	chr4:71879550-71879650
chr4	71902150	71902250	1065-Lng-B-T	50	chr4:71902150-71902250
chr4	72145450	72145550	1090-Lng-A-T	680	chr4:72145450-72145550
chr4	72188150	72188250	1223-Lng-D-T	45	chr4:72188150-72188250
chr4	72217250	72217350	901-Lng-B-T	194	chr4:72217250-72217350
chr4	72423350	72423450	1090-Lng-A-T	103	chr4:72423350-72423450
chr4	72640950	72641050	1100-Lng-A-T	93	chr4:72640950-72641050
chr4	72699650	72699750	1100-Lng-A-T	107	chr4:72699650-72699750

Table S2: SB Insertion regions

chr4	72703450	72703550	1100-Lng-A-T	123	chr4:72703450-72703550
chr4	72780250	72780350	1100-Lng-A-T	54	chr4:72780250-72780350
chr4	72799750	72799850	901-Lng-C-T	30	chr4:72799750-72799850
chr4	72813150	72813250	1151-Lng-A-T	54	chr4:72813150-72813250
chr4	72840550	72840650	901-Lng-B-T	220	chr4:72840550-72840650
chr4	72860250	72860350	1223-Lng-A-T	119	chr4:72860250-72860350
chr4	73009450	73009550	1100-Lng-A-T	52	chr4:73009450-73009550
chr4	73019550	73019650	901-Lng-B-T	56	chr4:73019550-73019650
chr4	73085850	73085950	1065-Lng-B-T	107	chr4:73085850-73085950
chr4	73259550	73259650	1223-Lng-B-T	35	chr4:73259550-73259650
chr4	73359550	73359650	1090-Lng-B-T	637	chr4:73359550-73359650
chr4	73378350	73378450	1100-Lng-A-T	60	chr4:73378350-73378450
chr4	73379850	73379950	1152-Lng-A-T	468	chr4:73379850-73379950
chr4	73385850	73385950	1100-Lng-A-T	281	chr4:73385850-73385950
chr4	73389350	73389450	1090-Lng-A-T	69	chr4:73389350-73389450
chr4	73410950	73411050	1065-Lng-A-T	37	chr4:73410950-73411050
chr4	73412950	73413050	1065-Lng-A-T	92	chr4:73412950-73413050
chr4	73883950	73884050	1151-Lng-A-T	82	chr4:73883950-73884050
chr4	73935950	73936050	901-Lng-A-T	105	chr4:73935950-73936050
chr4	73936550	73936650	1065-Lng-B-T	56	chr4:73936550-73936650
chr4	73943750	73943850	846-Lng-A-T	56	chr4:73943750-73943850
chr4	73965950	73966050	846-Lng-A-T	145	chr4:73965950-73966050
chr4	73970450	73970550	1223-Lng-B-T	89	chr4:73970450-73970550
chr4	74014150	74014250	901-Lng-C-T	49	chr4:74014150-74014250
chr4	74022150	74022250	1065-Lng-A-T	106	chr4:74022150-74022250
chr4	74026750	74026850	1072-Lng-A-T	84	chr4:74026750-74026850
chr4	74030850	74030950	901-Lng-C-T	48	chr4:74030850-74030950
chr4	74038750	74038850	901-Lng-D-T	252	chr4:74038750-74038850
chr4	74049150	74049250	1072-Lng-A-T	163	chr4:74049150-74049250
chr4	74371850	74371950	1274-Lng-A-T	76	chr4:74371850-74371950
chr4	74560250	74560350	1065-Lng-B-T	56	chr4:74560250-74560350
chr4	74752750	74752850	1152-Lng-A-T	108	chr4:74752750-74752850
chr4	74849850	74849950	901-Lng-A-T	271	chr4:74849850-74849950
chr4	74984450	74984550	1004-Lng-A-T	51	chr4:74984450-74984550
chr4	75192450	75192550	1065-Lng-C-T	2770	chr4:75192450-75192550
chr4	75328150	75328250	1223-Lng-A-T	59	chr4:75328150-75328250
chr4	75394750	75394850	901-Lng-D-T	443	chr4:75394750-75394850
chr4	75698650	75698750	1188-Lng-A-T	259	chr4:75698650-75698750
chr4	75731350	75731450	1100-Lng-A-T	74	chr4:75731350-75731450
chr4	75763550	75763650	1065-Lng-C-T	85	chr4:75763550-75763650
chr4	75831650	75831750	1152-Lng-A-T	62	chr4:75831650-75831750
chr4	75929750	75929850	1065-Lng-C-T	110	chr4:75929750-75929850
chr4	76013850	76013950	1065-Lng-A-T	58	chr4:76013850-76013950
chr4	76068650	76068750	1274-Lng-A-T	62	chr4:76068650-76068750
chr4	76360450	76360550	901-Lng-B-T	126	chr4:76360450-76360550
chr4	76369950	76370050	901-Lng-C-T	61	chr4:76369950-76370050

Table S2: SB Insertion regions

chr4	76406850	76406950	1072-Lng-A-T	95	chr4:76406850-76406950
chr4	76439150	76439250	1152-Lng-A-T	50	chr4:76439150-76439250
chr4	76494550	76494650	901-Lng-D-T	132	chr4:76494550-76494650
chr4	76703150	76703250	901-Lng-B-T	206	chr4:76703150-76703250
chr4	76720950	76721050	1004-Lng-A-T	60	chr4:76720950-76721050
chr4	76776550	76776650	1072-Lng-A-T	129	chr4:76776550-76776650
chr4	76808550	76808650	1152-Lng-A-T	42	chr4:76808550-76808650
chr4	76827350	76827450	901-Lng-A-T	110	chr4:76827350-76827450
chr4	76892050	76892150	1152-Lng-A-T	80	chr4:76892050-76892150
chr4	77084850	77084950	1152-Lng-A-T	53	chr4:77084850-77084950
chr4	77122250	77122350	1090-Lng-A-T	98	chr4:77122250-77122350
chr4	77124450	77124550	1151-Lng-A-T	58	chr4:77124450-77124550
chr4	77207250	77207350	1223-Lng-D-T	55	chr4:77207250-77207350
chr4	77209050	77209150	1152-Lng-A-T	72	chr4:77209050-77209150
chr4	77226050	77226150	1167-Lng-A-T	119	chr4:77226050-77226150
chr4	77382750	77382850	1065-Lng-B-T	86	chr4:77382750-77382850
chr4	77464150	77464250	901-Lng-C-T	31	chr4:77464150-77464250
chr4	77501450	77501550	1152-Lng-A-T	93	chr4:77501450-77501550
chr4	77594750	77594850	1065-Lng-A-T	53	chr4:77594750-77594850
chr4	77700250	77700350	901-Lng-C-T	43	chr4:77700250-77700350
chr4	77927850	77927950	1065-Lng-C-T	63	chr4:77927850-77927950
chr4	77987950	77988050	901-Lng-D-T	48	chr4:77987950-77988050
chr4	78017850	78017950	901-Lng-C-T	31	chr4:78017850-78017950
chr4	78099250	78099350	1065-Lng-A-T	53	chr4:78099250-78099350
chr4	78175750	78175850	1100-Lng-A-T	82	chr4:78175750-78175850
chr4	78275050	78275150	1072-Lng-A-T	222	chr4:78275050-78275150
chr4	78296950	78297050	1151-Lng-A-T	67	chr4:78296950-78297050
chr4	78407850	78407950	1152-Lng-A-T	34	chr4:78407850-78407950
chr4	78449950	78450050	1090-Lng-A-T	97	chr4:78449950-78450050
chr4	78488450	78488550	1223-Lng-B-T	77	chr4:78488450-78488550
chr4	78489150	78489250	1152-Lng-A-T	33	chr4:78489150-78489250
chr4	78560950	78561050	901-Lng-B-T	110	chr4:78560950-78561050
chr4	78591750	78591850	901-Lng-C-T	146	chr4:78591750-78591850
chr4	78619750	78619850	1152-Lng-A-T	132	chr4:78619750-78619850
chr4	78679450	78679550	1152-Lng-A-T	285	chr4:78679450-78679550
chr4	78963250	78963350	1065-Lng-B-T	45	chr4:78963250-78963350
chr4	79220250	79220350	901-Lng-B-T	300	chr4:79220250-79220350
chr4	79228850	79228950	1065-Lng-C-T	72	chr4:79228850-79228950
chr4	79241150	79241250	901-Lng-C-T	41	chr4:79241150-79241250
chr4	79241950	79242050	901-Lng-D-T	1031	chr4:79241950-79242050
chr4	79294950	79295050	1090-Lng-A-T	53	chr4:79294950-79295050
chr4	79457750	79457850	901-Lng-A-T	68	chr4:79457750-79457850
chr4	79534150	79534250	1167-Lng-A-T	61	chr4:79534150-79534250
chr4	79659750	79659850	1188-Lng-A-T	44	chr4:79659750-79659850
chr4	79723850	79723950	1152-Lng-A-T	141	chr4:79723850-79723950
chr4	79785050	79785150	846-Lng-A-T	65	chr4:79785050-79785150

Table S2: SB Insertion regions

chr4	79865750	79865850	1274-Lng-A-T	111	chr4:79865750-79865850
chr4	79991350	79991450	1100-Lng-A-T	66	chr4:79991350-79991450
chr4	80064450	80064550	1100-Lng-A-T	184	chr4:80064450-80064550
chr4	80313550	80313650	1004-Lng-A-T	92	chr4:80313550-80313650
chr4	80368850	80368950	901-Lng-C-T	44	chr4:80368850-80368950
chr4	80532650	80532750	1151-Lng-A-T	55	chr4:80532650-80532750
chr4	80564850	80564950	1151-Lng-A-T	60	chr4:80564850-80564950
chr4	80570050	80570150	1223-Lng-D-T	47	chr4:80570050-80570150
chr4	80581050	80581150	1274-Lng-A-T	91	chr4:80581050-80581150
chr4	80589650	80589750	1274-Lng-A-T	161	chr4:80589650-80589750
chr4	80590350	80590450	1065-Lng-C-T	109	chr4:80590350-80590450
chr4	80595950	80596050	1274-Lng-A-T	74	chr4:80595950-80596050
chr4	80604150	80604250	1100-Lng-A-T	252	chr4:80604150-80604250
chr4	80636350	80636450	1223-Lng-B-T	36	chr4:80636350-80636450
chr4	80817750	80817850	1065-Lng-C-T	92	chr4:80817750-80817850
chr4	81140150	81140250	1065-Lng-C-T	103	chr4:81140150-81140250
chr4	81533450	81533550	1065-Lng-B-T	90	chr4:81533450-81533550
chr4	81607750	81607850	1223-Lng-B-T	38	chr4:81607750-81607850
chr4	81647450	81647550	1223-Lng-A-T	544	chr4:81647450-81647550
chr4	81947950	81948050	1152-Lng-A-T	107	chr4:81947950-81948050
chr4	81976250	81976350	1274-Lng-A-T	54	chr4:81976250-81976350
chr4	81982550	81982650	1100-Lng-A-T	119	chr4:81982550-81982650
chr4	81995750	81995850	1151-Lng-A-T	349	chr4:81995750-81995850
chr4	82013250	82013350	1152-Lng-A-T	40	chr4:82013250-82013350
chr4	82045150	82045250	901-Lng-A-T	69	chr4:82045150-82045250
chr4	82056050	82056150	1100-Lng-A-T	72	chr4:82056050-82056150
chr4	82063150	82063250	1151-Lng-A-T	421	chr4:82063150-82063250
chr4	82068250	82068350	1223-Lng-C-T	51	chr4:82068250-82068350
chr4	82072050	82072150	1223-Lng-A-T	121	chr4:82072050-82072150
chr4	82081250	82081350	1223-Lng-D-T	54	chr4:82081250-82081350
chr4	82106550	82106650	1065-Lng-A-T	66	chr4:82106550-82106650
chr4	82110450	82110550	1223-Lng-D-T	98	chr4:82110450-82110550
chr4	82130350	82130450	1100-Lng-A-T	114	chr4:82130350-82130450
chr4	82136950	82137050	1090-Lng-A-T	56	chr4:82136950-82137050
chr4	82148350	82148450	1151-Lng-A-T	65	chr4:82148350-82148450
chr4	82148650	82148750	1223-Lng-B-T	51	chr4:82148650-82148750
chr4	82300450	82300550	1090-Lng-A-T	112	chr4:82300450-82300550
chr4	82478050	82478150	1223-Lng-B-T	57	chr4:82478050-82478150
chr4	82482150	82482250	1100-Lng-B-T	240	chr4:82482150-82482250
chr4	82494350	82494450	1100-Lng-B-T	164	chr4:82494350-82494450
chr4	82683350	82683450	1274-Lng-A-T	192	chr4:82683350-82683450
chr4	82825150	82825250	1100-Lng-B-T	51	chr4:82825150-82825250
chr4	82871150	82871250	1223-Lng-D-T	60	chr4:82871150-82871250
chr4	82882350	82882450	1152-Lng-A-T	62	chr4:82882350-82882450
chr4	82907150	82907250	901-Lng-B-T	203	chr4:82907150-82907250
chr4	82922150	82922250	846-Lng-A-T	79	chr4:82922150-82922250

Table S2: SB Insertion regions

chr4	82923850	82923950	1274-Lng-A-T	122	chr4:82923850-82923950
chr4	82926050	82926150	1274-Lng-A-T	234	chr4:82926050-82926150
chr4	82938150	82938250	1065-Lng-A-T	69	chr4:82938150-82938250
chr4	83100550	83100650	1004-Lng-A-T	75	chr4:83100550-83100650
chr4	83301450	83301550	846-Lng-A-T	101	chr4:83301450-83301550
chr4	83316950	83317050	1065-Lng-A-T	49	chr4:83316950-83317050
chr4	84440550	84440650	901-Lng-B-T	56	chr4:84440550-84440650
chr4	84527350	84527450	1223-Lng-D-T	60	chr4:84527350-84527450
chr4	84916850	84916950	1223-Lng-B-T	181	chr4:84916850-84916950
chr4	85035650	85035750	901-Lng-A-T	79	chr4:85035650-85035750
chr4	85178950	85179050	1100-Lng-B-T	63	chr4:85178950-85179050
chr4	85178950	85179050	1100-Lng-B-T	4673	chr4:85178950-85179050
chr4	85219550	85219650	1223-Lng-D-T	1183	chr4:85219550-85219650
chr4	85332750	85332850	1065-Lng-C-T	63	chr4:85332750-85332850
chr4	85462850	85462950	901-Lng-A-T	327	chr4:85462850-85462950
chr4	85637450	85637550	1065-Lng-C-T	91	chr4:85637450-85637550
chr4	85701650	85701750	1223-Lng-B-T	61	chr4:85701650-85701750
chr4	85734450	85734550	901-Lng-A-T	83	chr4:85734450-85734550
chr4	85754350	85754450	1188-Lng-A-T	119	chr4:85754350-85754450
chr4	85825450	85825550	1274-Lng-A-T	57	chr4:85825450-85825550
chr4	85934450	85934550	901-Lng-B-T	187	chr4:85934450-85934550
chr4	85952650	85952750	1274-Lng-A-T	51	chr4:85952650-85952750
chr4	86220150	86220250	1223-Lng-B-T	35	chr4:86220150-86220250
chr4	86272050	86272150	1223-Lng-A-T	296	chr4:86272050-86272150
chr4	86332050	86332150	1100-Lng-A-T	71	chr4:86332050-86332150
chr4	86408450	86408550	1223-Lng-B-T	47	chr4:86408450-86408550
chr4	86499150	86499250	901-Lng-A-T	110	chr4:86499150-86499250
chr4	86627350	86627450	901-Lng-A-T	99	chr4:86627350-86627450
chr4	86716050	86716150	1090-Lng-B-T	656	chr4:86716050-86716150
chr4	86771350	86771450	901-Lng-D-T	62	chr4:86771350-86771450
chr4	86971850	86971950	1065-Lng-A-T	58	chr4:86971850-86971950
chr4	86991850	86991950	1065-Lng-C-T	62	chr4:86991850-86991950
chr4	87061350	87061450	1065-Lng-B-T	75	chr4:87061350-87061450
chr4	87084950	87085050	1065-Lng-C-T	90	chr4:87084950-87085050
chr4	87239050	87239150	1100-Lng-A-T	74	chr4:87239050-87239150
chr4	87280150	87280250	1100-Lng-A-T	66	chr4:87280150-87280250
chr4	87292450	87292550	901-Lng-C-T	67	chr4:87292450-87292550
chr4	87398650	87398750	1223-Lng-C-T	54	chr4:87398650-87398750
chr4	87405550	87405650	1065-Lng-B-T	62	chr4:87405550-87405650
chr4	87407450	87407550	1100-Lng-A-T	127	chr4:87407450-87407550
chr4	87415750	87415850	1223-Lng-C-T	45	chr4:87415750-87415850
chr4	87468050	87468150	1274-Lng-A-T	64	chr4:87468050-87468150
chr4	87489850	87489950	1065-Lng-B-T	47	chr4:87489850-87489950
chr4	87530150	87530250	1100-Lng-A-T	52	chr4:87530150-87530250
chr4	87549450	87549550	1151-Lng-A-T	69	chr4:87549450-87549550
chr4	87569750	87569850	901-Lng-A-T	116	chr4:87569750-87569850

Table S2: SB Insertion regions

chr4	87582550	87582650	1100-Lng-A-T	121	chr4:87582550-87582650
chr4	87599250	87599350	1004-Lng-A-T	71	chr4:87599250-87599350
chr4	87609250	87609350	1004-Lng-A-T	1624	chr4:87609250-87609350
chr4	87695450	87695550	901-Lng-D-T	131	chr4:87695450-87695550
chr4	87798250	87798350	1188-Lng-A-T	61	chr4:87798250-87798350
chr4	87897250	87897350	1065-Lng-B-T	81	chr4:87897250-87897350
chr4	87922750	87922850	901-Lng-A-T	419	chr4:87922750-87922850
chr4	88362750	88362850	1274-Lng-A-T	207	chr4:88362750-88362850
chr4	88365850	88365950	1100-Lng-A-T	128	chr4:88365850-88365950
chr4	88508050	88508150	1100-Lng-A-T	100	chr4:88508050-88508150
chr4	88555450	88555550	1090-Lng-A-T	69	chr4:88555450-88555550
chr4	88564050	88564150	1100-Lng-A-T	77	chr4:88564050-88564150
chr4	88571450	88571550	1223-Lng-A-T	72	chr4:88571450-88571550
chr4	88677150	88677250	846-Lng-A-T	122	chr4:88677150-88677250
chr4	88818950	88819050	901-Lng-A-T	74	chr4:88818950-88819050
chr4	88935950	88936050	1100-Lng-B-T	490	chr4:88935950-88936050
chr4	89093350	89093450	1100-Lng-A-T	122	chr4:89093350-89093450
chr4	89166750	89166850	1065-Lng-C-T	61	chr4:89166750-89166850
chr4	89487650	89487750	1188-Lng-A-T	44	chr4:89487650-89487750
chr4	89585450	89585550	1151-Lng-A-T	70	chr4:89585450-89585550
chr4	89604250	89604350	901-Lng-B-T	147	chr4:89604250-89604350
chr4	89614150	89614250	1065-Lng-A-T	81	chr4:89614150-89614250
chr4	89616250	89616350	1072-Lng-A-T	65	chr4:89616250-89616350
chr4	89633550	89633650	1152-Lng-A-T	71	chr4:89633550-89633650
chr4	89663550	89663650	901-Lng-C-T	257	chr4:89663550-89663650
chr4	89791050	89791150	1274-Lng-A-T	68	chr4:89791050-89791150
chr4	89930750	89930850	1274-Lng-A-T	73	chr4:89930750-89930850
chr4	89995150	89995250	901-Lng-C-T	89	chr4:89995150-89995250
chr4	90176150	90176250	1151-Lng-A-T	240	chr4:90176150-90176250
chr4	90461450	90461550	1151-Lng-A-T	86	chr4:90461450-90461550
chr4	90558350	90558450	1072-Lng-A-T	126	chr4:90558350-90558450
chr4	91215750	91215850	1004-Lng-A-T	89	chr4:91215750-91215850
chr4	91419550	91419650	901-Lng-B-T	132	chr4:91419550-91419650
chr4	91501650	91501750	1065-Lng-B-T	59	chr4:91501650-91501750
chr4	91764450	91764550	901-Lng-A-T	58	chr4:91764450-91764550
chr4	91995950	91996050	1100-Lng-B-T	52	chr4:91995950-91996050
chr4	92085450	92085550	1065-Lng-A-T	101	chr4:92085450-92085550
chr4	92168950	92169050	1152-Lng-A-T	96	chr4:92168950-92169050
chr4	92215150	92215250	1090-Lng-A-T	774	chr4:92215150-92215250
chr4	92322550	92322650	1274-Lng-A-T	53	chr4:92322550-92322650
chr4	92333050	92333150	1065-Lng-C-T	86	chr4:92333050-92333150
chr4	92385550	92385650	1188-Lng-A-T	52	chr4:92385550-92385650
chr4	92424350	92424450	1152-Lng-A-T	50	chr4:92424350-92424450
chr4	92456650	92456750	901-Lng-B-T	62	chr4:92456650-92456750
chr4	92471050	92471150	1065-Lng-C-T	70	chr4:92471050-92471150
chr4	92574250	92574350	901-Lng-A-T	91	chr4:92574250-92574350

Table S2: SB Insertion regions

chr4	92583550	92583650	1065-Lng-B-T	63	chr4:92583550-92583650
chr4	92628850	92628950	1065-Lng-A-T	117	chr4:92628850-92628950
chr4	92756750	92756850	1223-Lng-A-T	224	chr4:92756750-92756850
chr4	92780350	92780450	1188-Lng-A-T	56	chr4:92780350-92780450
chr4	92964350	92964450	901-Lng-B-T	122	chr4:92964350-92964450
chr4	93063950	93064050	1152-Lng-A-T	35	chr4:93063950-93064050
chr4	93106450	93106550	1065-Lng-B-T	54	chr4:93106450-93106550
chr4	93116750	93116850	1100-Lng-A-T	142	chr4:93116750-93116850
chr4	93165750	93165850	1167-Lng-A-T	71	chr4:93165750-93165850
chr4	93272050	93272150	1072-Lng-A-T	55	chr4:93272050-93272150
chr4	93342050	93342150	1065-Lng-A-T	158	chr4:93342050-93342150
chr4	93398650	93398750	1274-Lng-A-T	80	chr4:93398650-93398750
chr4	93417150	93417250	1004-Lng-A-T	52	chr4:93417150-93417250
chr4	93790050	93790150	1065-Lng-C-T	68	chr4:93790050-93790150
chr4	93805150	93805250	1223-Lng-A-T	92	chr4:93805150-93805250
chr4	94207150	94207250	1072-Lng-A-T	51	chr4:94207150-94207250
chr4	94209250	94209350	1152-Lng-A-T	70	chr4:94209250-94209350
chr4	94253150	94253250	1151-Lng-A-T	136	chr4:94253150-94253250
chr4	94257950	94258050	1065-Lng-B-T	41	chr4:94257950-94258050
chr4	94260550	94260650	1223-Lng-D-T	70	chr4:94260550-94260650
chr4	94318450	94318550	1274-Lng-A-T	125	chr4:94318450-94318550
chr4	94399150	94399250	901-Lng-A-T	51	chr4:94399150-94399250
chr4	94530350	94530450	901-Lng-A-T	50	chr4:94530350-94530450
chr4	94543950	94544050	1065-Lng-C-T	61	chr4:94543950-94544050
chr4	94627650	94627750	1152-Lng-A-T	150	chr4:94627650-94627750
chr4	94630150	94630250	1223-Lng-B-T	37	chr4:94630150-94630250
chr4	94639950	94640050	1004-Lng-A-T	51	chr4:94639950-94640050
chr4	94660950	94661050	1065-Lng-B-T	110	chr4:94660950-94661050
chr4	94763650	94763750	1151-Lng-A-T	61	chr4:94763650-94763750
chr4	94802050	94802150	1152-Lng-A-T	56	chr4:94802050-94802150
chr4	94819550	94819650	1223-Lng-B-T	183	chr4:94819550-94819650
chr4	94829450	94829550	1188-Lng-A-T	157	chr4:94829450-94829550
chr4	94947350	94947450	1065-Lng-B-T	75	chr4:94947350-94947450
chr4	94951150	94951250	1100-Lng-A-T	90	chr4:94951150-94951250
chr4	95091350	95091450	1100-Lng-A-T	119	chr4:95091350-95091450
chr4	95125850	95125950	1274-Lng-A-T	194	chr4:95125850-95125950
chr4	95234850	95234950	901-Lng-A-T	50	chr4:95234850-95234950
chr4	95447250	95447350	901-Lng-C-T	80	chr4:95447250-95447350
chr4	95494450	95494550	1065-Lng-A-T	49	chr4:95494450-95494550
chr4	95640550	95640650	1223-Lng-B-T	236	chr4:95640550-95640650
chr4	95652850	95652950	1065-Lng-B-T	98	chr4:95652850-95652950
chr4	95814450	95814550	901-Lng-C-T	45	chr4:95814450-95814550
chr4	95819050	95819150	1152-Lng-A-T	463	chr4:95819050-95819150
chr4	96201550	96201650	1072-Lng-A-T	97	chr4:96201550-96201650
chr4	96332550	96332650	1151-Lng-A-T	68	chr4:96332550-96332650
chr4	96479950	96480050	1152-Lng-A-T	94	chr4:96479950-96480050

Table S2: SB Insertion regions

chr4	96728750	96728850	1223-Lng-A-T	2685	chr4:96728750-96728850
chr4	97002650	97002750	1274-Lng-A-T	166	chr4:97002650-97002750
chr4	97191550	97191650	1274-Lng-A-T	116	chr4:97191550-97191650
chr4	97264250	97264350	846-Lng-A-T	136	chr4:97264250-97264350
chr4	97337450	97337550	901-Lng-A-T	68	chr4:97337450-97337550
chr4	97398250	97398350	1167-Lng-A-T	54	chr4:97398250-97398350
chr4	97400650	97400750	1152-Lng-A-T	52	chr4:97400650-97400750
chr4	97454950	97455050	1152-Lng-A-T	75	chr4:97454950-97455050
chr4	97461150	97461250	1090-Lng-B-T	312	chr4:97461150-97461250
chr4	97496650	97496750	1223-Lng-A-T	134	chr4:97496650-97496750
chr4	97497250	97497350	1152-Lng-A-T	65	chr4:97497250-97497350
chr4	97503550	97503650	1090-Lng-B-T	227	chr4:97503550-97503650
chr4	97525350	97525450	1065-Lng-B-T	64	chr4:97525350-97525450
chr4	97551550	97551650	1072-Lng-A-T	53	chr4:97551550-97551650
chr4	97578450	97578550	1152-Lng-A-T	37	chr4:97578450-97578550
chr4	97610650	97610750	1072-Lng-A-T	174	chr4:97610650-97610750
chr4	97611350	97611450	901-Lng-A-T	90	chr4:97611350-97611450
chr4	97625550	97625650	1072-Lng-A-T	85	chr4:97625550-97625650
chr4	97634650	97634750	1065-Lng-B-T	65	chr4:97634650-97634750
chr4	97641550	97641650	1065-Lng-C-T	93	chr4:97641550-97641650
chr4	97661850	97661950	901-Lng-A-T	81	chr4:97661850-97661950
chr4	97669950	97670050	1152-Lng-A-T	195	chr4:97669950-97670050
chr4	97693550	97693650	1274-Lng-A-T	69	chr4:97693550-97693650
chr4	97693850	97693950	1100-Lng-A-T	72	chr4:97693850-97693950
chr4	97696150	97696250	1100-Lng-A-T	366	chr4:97696150-97696250
chr4	97706950	97707050	1004-Lng-A-T	78	chr4:97706950-97707050
chr4	97709450	97709550	1223-Lng-D-T	107	chr4:97709450-97709550
chr4	97710050	97710150	1100-Lng-A-T	71	chr4:97710050-97710150
chr4	97711650	97711750	1223-Lng-A-T	185	chr4:97711650-97711750
chr4	97742550	97742650	1065-Lng-B-T	102	chr4:97742550-97742650
chr4	97745750	97745850	1100-Lng-A-T	217	chr4:97745750-97745850
chr4	97751150	97751250	1065-Lng-A-T	67	chr4:97751150-97751250
chr4	97754250	97754350	1151-Lng-A-T	320	chr4:97754250-97754350
chr4	97760650	97760750	1167-Lng-A-T	154	chr4:97760650-97760750
chr4	97777550	97777650	1100-Lng-A-T	68	chr4:97777550-97777650
chr4	97915950	97916050	1065-Lng-B-T	356	chr4:97915950-97916050
chr4	98032150	98032250	901-Lng-A-T	125	chr4:98032150-98032250
chr4	98071050	98071150	1151-Lng-A-T	250	chr4:98071050-98071150
chr4	98074350	98074450	1065-Lng-B-T	91	chr4:98074350-98074450
chr4	98205150	98205250	1100-Lng-A-T	130	chr4:98205150-98205250
chr4	98210350	98210450	1274-Lng-A-T	93	chr4:98210350-98210450
chr4	98299350	98299450	1065-Lng-C-T	96	chr4:98299350-98299450
chr4	98335950	98336050	901-Lng-A-T	86	chr4:98335950-98336050
chr4	98623150	98623250	1065-Lng-A-T	77	chr4:98623150-98623250
chr4	98629550	98629650	1188-Lng-A-T	39	chr4:98629550-98629650
chr4	98786050	98786150	1100-Lng-A-T	84	chr4:98786050-98786150

Table S2: SB Insertion regions

chr4	99488350	99488450	1274-Lng-A-T	153	chr4:99488350-99488450
chr4	99607650	99607750	1151-Lng-A-T	299	chr4:99607650-99607750
chr4	99610650	99610750	1065-Lng-B-T	69	chr4:99610650-99610750
chr4	99717250	99717350	1151-Lng-A-T	63	chr4:99717250-99717350
chr4	99827350	99827450	1100-Lng-A-T	62	chr4:99827350-99827450
chr4	99863550	99863650	901-Lng-C-T	62	chr4:99863550-99863650
chr4	99868050	99868150	1188-Lng-A-T	43	chr4:99868050-99868150
chr4	99878450	99878550	1223-Lng-D-T	133	chr4:99878450-99878550
chr4	99923050	99923150	1151-Lng-A-T	229	chr4:99923050-99923150
chr4	99923750	99923850	1152-Lng-A-T	83	chr4:99923750-99923850
chr4	99932750	99932850	1100-Lng-A-T	74	chr4:99932750-99932850
chr4	99989550	99989650	1004-Lng-A-T	52	chr4:99989550-99989650
chr4	100024250	100024350	1072-Lng-A-T	157	chr4:100024250-100024350
chr4	100031750	100031850	1100-Lng-A-T	89	chr4:100031750-100031850
chr4	100041650	100041750	1223-Lng-D-T	46	chr4:100041650-100041750
chr4	100074250	100074350	1151-Lng-A-T	81	chr4:100074250-100074350
chr4	100099050	100099150	901-Lng-A-T	138	chr4:100099050-100099150
chr4	100309650	100309750	1065-Lng-B-T	60	chr4:100309650-100309750
chr4	100478850	100478950	901-Lng-A-T	84	chr4:100478850-100478950
chr4	100480050	100480150	1004-Lng-A-T	231	chr4:100480050-100480150
chr4	100499450	100499550	1065-Lng-B-T	67	chr4:100499450-100499550
chr4	100548750	100548850	901-Lng-C-T	45	chr4:100548750-100548850
chr4	100572550	100572650	1274-Lng-A-T	55	chr4:100572550-100572650
chr4	100587550	100587650	1188-Lng-A-T	373	chr4:100587550-100587650
chr4	100592350	100592450	1274-Lng-A-T	156	chr4:100592350-100592450
chr4	100618850	100618950	1152-Lng-A-T	71	chr4:100618850-100618950
chr4	100817650	100817750	1152-Lng-A-T	89	chr4:100817650-100817750
chr4	100851050	100851150	901-Lng-B-T	185	chr4:100851050-100851150
chr4	100881250	100881350	1100-Lng-A-T	127	chr4:100881250-100881350
chr4	100883450	100883550	901-Lng-D-T	80	chr4:100883450-100883550
chr4	100897150	100897250	901-Lng-A-T	111	chr4:100897150-100897250
chr4	100934550	100934650	901-Lng-A-T	82	chr4:100934550-100934650
chr4	101026450	101026550	1100-Lng-A-T	88	chr4:101026450-101026550
chr4	101111450	101111550	1223-Lng-B-T	48	chr4:101111450-101111550
chr4	101412450	101412550	1223-Lng-B-T	40	chr4:101412450-101412550
chr4	101440950	101441050	1065-Lng-A-T	96	chr4:101440950-101441050
chr4	101806850	101806950	1188-Lng-A-T	65	chr4:101806850-101806950
chr4	101853450	101853550	1100-Lng-A-T	60	chr4:101853450-101853550
chr4	102038950	102039050	846-Lng-A-T	74	chr4:102038950-102039050
chr4	102220050	102220150	1274-Lng-A-T	57	chr4:102220050-102220150
chr4	102510750	102510850	1152-Lng-A-T	48	chr4:102510750-102510850
chr4	102523050	102523150	901-Lng-A-T	106	chr4:102523050-102523150
chr4	102756750	102756850	901-Lng-D-T	72	chr4:102756750-102756850
chr4	102767250	102767350	1065-Lng-C-T	1718	chr4:102767250-102767350
chr4	102802350	102802450	1151-Lng-A-T	399	chr4:102802350-102802450
chr4	102802550	102802650	1188-Lng-A-T	46	chr4:102802550-102802650

Table S2: SB Insertion regions

chr4	102818750	102818850	1100-Lng-A-T	62	chr4:102818750-102818850
chr4	102832950	102833050	1223-Lng-C-T	78	chr4:102832950-102833050
chr4	102836250	102836350	1223-Lng-D-T	143	chr4:102836250-102836350
chr4	102927150	102927250	1152-Lng-A-T	319	chr4:102927150-102927250
chr4	102941050	102941150	846-Lng-A-T	256	chr4:102941050-102941150
chr4	103033350	103033450	1065-Lng-C-T	82	chr4:103033350-103033450
chr4	103038850	103038950	846-Lng-A-T	148	chr4:103038850-103038950
chr4	103286450	103286550	1072-Lng-A-T	235	chr4:103286450-103286550
chr4	103842650	103842750	1090-Lng-A-T	88	chr4:103842650-103842750
chr4	103856550	103856650	1274-Lng-A-T	50	chr4:103856550-103856650
chr4	103872650	103872750	1223-Lng-C-T	54	chr4:103872650-103872750
chr4	103928050	103928150	1167-Lng-A-T	50	chr4:103928050-103928150
chr4	104274650	104274750	1274-Lng-A-T	510	chr4:104274650-104274750
chr4	104717150	104717250	1004-Lng-A-T	88	chr4:104717150-104717250
chr4	104722250	104722350	1065-Lng-C-T	72	chr4:104722250-104722350
chr4	104723350	104723450	1065-Lng-C-T	1472	chr4:104723350-104723450
chr4	104725050	104725150	1065-Lng-C-T	89	chr4:104725050-104725150
chr4	104733150	104733250	1065-Lng-B-T	40	chr4:104733150-104733250
chr4	104764050	104764150	901-Lng-B-T	131	chr4:104764050-104764150
chr4	104849550	104849650	1223-Lng-D-T	88	chr4:104849550-104849650
chr4	105323650	105323750	1004-Lng-A-T	58	chr4:105323650-105323750
chr4	105846350	105846450	1090-Lng-A-T	95	chr4:105846350-105846450
chr4	105998050	105998150	1223-Lng-D-T	40	chr4:105998050-105998150
chr4	106007550	106007650	1152-Lng-A-T	176	chr4:106007550-106007650
chr4	106012150	106012250	1072-Lng-A-T	179	chr4:106012150-106012250
chr4	106022850	106022950	1090-Lng-A-T	94	chr4:106022850-106022950
chr4	106050550	106050650	1100-Lng-A-T	253	chr4:106050550-106050650
chr4	106090450	106090550	1090-Lng-A-T	53	chr4:106090450-106090550
chr4	106113850	106113950	1223-Lng-D-T	40	chr4:106113850-106113950
chr4	106350250	106350350	901-Lng-B-T	90	chr4:106350250-106350350
chr4	106387350	106387450	1065-Lng-A-T	48	chr4:106387350-106387450
chr4	106407350	106407450	1151-Lng-A-T	235	chr4:106407350-106407450
chr4	106606450	106606550	1151-Lng-A-T	86	chr4:106606450-106606550
chr4	107028350	107028450	1223-Lng-B-T	50	chr4:107028350-107028450
chr4	107554650	107554750	846-Lng-A-T	45	chr4:107554650-107554750
chr4	107558650	107558750	1274-Lng-A-T	65	chr4:107558650-107558750
chr4	107733250	107733350	1188-Lng-A-T	41	chr4:107733250-107733350
chr4	107755450	107755550	1100-Lng-A-T	212	chr4:107755450-107755550
chr4	107847650	107847750	901-Lng-A-T	66	chr4:107847650-107847750
chr4	107969350	107969450	1004-Lng-A-T	81	chr4:107969350-107969450
chr4	108140250	108140350	901-Lng-D-T	82	chr4:108140250-108140350
chr4	108160450	108160550	1072-Lng-A-T	64	chr4:108160450-108160550
chr4	108230850	108230950	901-Lng-A-T	81	chr4:108230850-108230950
chr4	108300350	108300450	1072-Lng-A-T	52	chr4:108300350-108300450
chr4	108349550	108349650	1065-Lng-C-T	70	chr4:108349550-108349650
chr4	108363150	108363250	1065-Lng-A-T	64	chr4:108363150-108363250

Table S2: SB Insertion regions

chr4	108409550	108409650	846-Lng-A-T	123	chr4:108409550-108409650
chr4	108425350	108425450	1065-Lng-B-T	87	chr4:108425350-108425450
chr4	108434750	108434850	1065-Lng-B-T	71	chr4:108434750-108434850
chr4	108451950	108452050	846-Lng-A-T	87	chr4:108451950-108452050
chr4	108517950	108518050	1100-Lng-A-T	85	chr4:108517950-108518050
chr4	108542950	108543050	1004-Lng-A-T	68	chr4:108542950-108543050
chr4	108701650	108701750	1100-Lng-A-T	75	chr4:108701650-108701750
chr4	108750350	108750450	1152-Lng-A-T	53	chr4:108750350-108750450
chr4	108768150	108768250	1152-Lng-A-T	73	chr4:108768150-108768250
chr4	108795150	108795250	1151-Lng-A-T	855	chr4:108795150-108795250
chr4	108803850	108803950	1223-Lng-D-T	42	chr4:108803850-108803950
chr4	108805950	108806050	1100-Lng-A-T	156	chr4:108805950-108806050
chr4	108870350	108870450	1100-Lng-A-T	56	chr4:108870350-108870450
chr4	108927950	108928050	1151-Lng-A-T	291	chr4:108927950-108928050
chr4	108929950	108930050	1223-Lng-B-T	68	chr4:108929950-108930050
chr4	109069950	109070050	1100-Lng-A-T	114	chr4:109069950-109070050
chr4	109071450	109071550	1072-Lng-A-T	154	chr4:109071450-109071550
chr4	109140650	109140750	1065-Lng-B-T	67	chr4:109140650-109140750
chr4	109152850	109152950	1167-Lng-A-T	46	chr4:109152850-109152950
chr4	109251250	109251350	1065-Lng-B-T	74	chr4:109251250-109251350
chr4	109354750	109354850	1152-Lng-A-T	299	chr4:109354750-109354850
chr4	109357850	109357950	1100-Lng-A-T	102	chr4:109357850-109357950
chr4	109384950	109385050	1223-Lng-C-T	59	chr4:109384950-109385050
chr4	109389150	109389250	1004-Lng-A-T	65	chr4:109389150-109389250
chr4	109407550	109407650	901-Lng-B-T	134	chr4:109407550-109407650
chr4	109501650	109501750	1090-Lng-A-T	64	chr4:109501650-109501750
chr4	109503450	109503550	1065-Lng-B-T	117	chr4:109503450-109503550
chr4	109567450	109567550	846-Lng-A-T	67	chr4:109567450-109567550
chr4	109584750	109584850	1223-Lng-D-T	69	chr4:109584750-109584850
chr4	109600950	109601050	1152-Lng-A-T	65	chr4:109600950-109601050
chr4	109617150	109617250	1188-Lng-A-T	87	chr4:109617150-109617250
chr4	109617250	109617350	1100-Lng-A-T	403	chr4:109617250-109617350
chr4	109743150	109743250	1004-Lng-A-T	80	chr4:109743150-109743250
chr4	110022450	110022550	901-Lng-B-T	85	chr4:110022450-110022550
chr4	110035850	110035950	1167-Lng-A-T	98	chr4:110035850-110035950
chr4	110039550	110039650	1152-Lng-A-T	90	chr4:110039550-110039650
chr4	110069050	110069150	1223-Lng-A-T	89	chr4:110069050-110069150
chr4	110113150	110113250	1152-Lng-A-T	86	chr4:110113150-110113250
chr4	110359650	110359750	1274-Lng-A-T	163	chr4:110359650-110359750
chr4	110373550	110373650	901-Lng-A-T	74	chr4:110373550-110373650
chr4	110458750	110458850	1100-Lng-A-T	70	chr4:110458750-110458850
chr4	110471550	110471650	1100-Lng-A-T	114	chr4:110471550-110471650
chr4	110557150	110557250	1223-Lng-A-T	930	chr4:110557150-110557250
chr4	111088750	111088850	1151-Lng-A-T	262	chr4:111088750-111088850
chr4	111209150	111209250	1223-Lng-B-T	130	chr4:111209150-111209250
chr4	111242550	111242650	901-Lng-D-T	444	chr4:111242550-111242650

Table S2: SB Insertion regions

chr4	111290750	111290850	1100-Lng-A-T	103	chr4:111290750-111290850
chr4	111334650	111334750	901-Lng-A-T	62	chr4:111334650-111334750
chr4	111406650	111406750	1223-Lng-A-T	270	chr4:111406650-111406750
chr4	111542150	111542250	1090-Lng-B-T	593	chr4:111542150-111542250
chr4	111784150	111784250	1065-Lng-B-T	75	chr4:111784150-111784250
chr4	111881450	111881550	1152-Lng-A-T	50	chr4:111881450-111881550
chr4	111943050	111943150	1152-Lng-A-T	263	chr4:111943050-111943150
chr4	111948950	111949050	1274-Lng-A-T	60	chr4:111948950-111949050
chr4	112074550	112074650	1065-Lng-C-T	131	chr4:112074550-112074650
chr4	112121750	112121850	1223-Lng-B-T	35	chr4:112121750-112121850
chr4	112351250	112351350	1223-Lng-B-T	34	chr4:112351250-112351350
chr4	112386950	112387050	1090-Lng-B-T	124	chr4:112386950-112387050
chr4	112493350	112493450	1152-Lng-A-T	47	chr4:112493350-112493450
chr4	112505250	112505350	1004-Lng-A-T	69	chr4:112505250-112505350
chr4	112551950	112552050	1274-Lng-A-T	120	chr4:112551950-112552050
chr4	112857750	112857850	1090-Lng-A-T	55	chr4:112857750-112857850
chr4	112918250	112918350	1065-Lng-B-T	75	chr4:112918250-112918350
chr4	112970550	112970650	1004-Lng-A-T	64	chr4:112970550-112970650
chr4	113081850	113081950	1152-Lng-A-T	333	chr4:113081850-113081950
chr4	113309250	113309350	846-Lng-A-T	111	chr4:113309250-113309350
chr4	113406650	113406750	1004-Lng-A-T	390	chr4:113406650-113406750
chr4	113492550	113492650	1152-Lng-A-T	38	chr4:113492550-113492650
chr4	113553950	113554050	1100-Lng-A-T	53	chr4:113553950-113554050
chr4	113677350	113677450	1188-Lng-A-T	34	chr4:113677350-113677450
chr4	113758950	113759050	1151-Lng-A-T	160	chr4:113758950-113759050
chr4	113772150	113772250	1065-Lng-C-T	73	chr4:113772150-113772250
chr4	113838850	113838950	1152-Lng-A-T	48	chr4:113838850-113838950
chr4	113986250	113986350	901-Lng-C-T	54	chr4:113986250-113986350
chr4	114205150	114205250	846-Lng-A-T	61	chr4:114205150-114205250
chr4	114245450	114245550	1065-Lng-C-T	65	chr4:114245450-114245550
chr4	114291750	114291850	1065-Lng-A-T	69	chr4:114291750-114291850
chr4	114590150	114590250	1274-Lng-A-T	136	chr4:114590150-114590250
chr4	114639850	114639950	1151-Lng-A-T	644	chr4:114639850-114639950
chr4	114652350	114652450	901-Lng-D-T	273	chr4:114652350-114652450
chr4	114760450	114760550	1100-Lng-A-T	53	chr4:114760450-114760550
chr4	114939550	114939650	1223-Lng-C-T	58	chr4:114939550-114939650
chr4	115065750	115065850	1065-Lng-B-T	72	chr4:115065750-115065850
chr4	115326850	115326950	1100-Lng-B-T	59	chr4:115326850-115326950
chr4	115419750	115419850	1065-Lng-C-T	86	chr4:115419750-115419850
chr4	115420750	115420850	1274-Lng-A-T	82	chr4:115420750-115420850
chr4	115438950	115439050	1100-Lng-A-T	177	chr4:115438950-115439050
chr4	115446550	115446650	1100-Lng-A-T	72	chr4:115446550-115446650
chr4	115459750	115459850	1100-Lng-A-T	445	chr4:115459750-115459850
chr4	115476350	115476450	1072-Lng-A-T	282	chr4:115476350-115476450
chr4	115502850	115502950	1100-Lng-B-T	71	chr4:115502850-115502950
chr4	115518950	115519050	901-Lng-C-T	86	chr4:115518950-115519050

Table S2: SB Insertion regions

chr4	115601750	115601850	1100-Lng-B-T	52	chr4:115601750-115601850
chr4	115688050	115688150	901-Lng-B-T	180	chr4:115688050-115688150
chr4	115722150	115722250	1151-Lng-A-T	86	chr4:115722150-115722250
chr4	115743150	115743250	1100-Lng-A-T	124	chr4:115743150-115743250
chr4	115750050	115750150	1100-Lng-A-T	73	chr4:115750050-115750150
chr4	115753950	115754050	1274-Lng-A-T	80	chr4:115753950-115754050
chr4	115759350	115759450	1151-Lng-A-T	296	chr4:115759350-115759450
chr4	115836150	115836250	1004-Lng-A-T	123	chr4:115836150-115836250
chr4	115927150	115927250	1152-Lng-A-T	73	chr4:115927150-115927250
chr4	115930050	115930150	1100-Lng-A-T	68	chr4:115930050-115930150
chr4	115936050	115936150	1274-Lng-A-T	65	chr4:115936050-115936150
chr4	116023150	116023250	1188-Lng-A-T	65	chr4:116023150-116023250
chr4	116054350	116054450	901-Lng-B-T	67	chr4:116054350-116054450
chr4	116071750	116071850	1100-Lng-A-T	87	chr4:116071750-116071850
chr4	116234950	116235050	1152-Lng-A-T	129	chr4:116234950-116235050
chr4	116244650	116244750	901-Lng-B-T	49	chr4:116244650-116244750
chr4	116258450	116258550	1188-Lng-A-T	41	chr4:116258450-116258550
chr4	116310250	116310350	1274-Lng-A-T	60	chr4:116310250-116310350
chr4	116361350	116361450	1100-Lng-A-T	63	chr4:116361350-116361450
chr4	116373350	116373450	1188-Lng-A-T	47	chr4:116373350-116373450
chr4	116603950	116604050	1004-Lng-A-T	69	chr4:116603950-116604050
chr4	116662350	116662450	901-Lng-B-T	263	chr4:116662350-116662450
chr4	116881350	116881450	1100-Lng-B-T	108	chr4:116881350-116881450
chr4	117234150	117234250	1100-Lng-B-T	51	chr4:117234150-117234250
chr4	117243750	117243850	1065-Lng-B-T	72	chr4:117243750-117243850
chr4	117290150	117290250	1090-Lng-A-T	54	chr4:117290150-117290250
chr4	117296650	117296750	1188-Lng-A-T	110	chr4:117296650-117296750
chr4	117296850	117296950	1223-Lng-A-T	1452	chr4:117296850-117296950
chr4	117330150	117330250	901-Lng-A-T	80	chr4:117330150-117330250
chr4	117380050	117380150	901-Lng-D-T	137	chr4:117380050-117380150
chr4	117625750	117625850	1274-Lng-A-T	232	chr4:117625750-117625850
chr4	117681650	117681750	1065-Lng-A-T	36	chr4:117681650-117681750
chr4	117695150	117695250	1151-Lng-A-T	59	chr4:117695150-117695250
chr4	117788750	117788850	901-Lng-C-T	42	chr4:117788750-117788850
chr4	117796550	117796650	1167-Lng-A-T	94	chr4:117796550-117796650
chr4	117931150	117931250	1100-Lng-A-T	91	chr4:117931150-117931250
chr4	118019450	118019550	1065-Lng-B-T	44	chr4:118019450-118019550
chr4	118027050	118027150	1188-Lng-A-T	38	chr4:118027050-118027150
chr4	118033350	118033450	901-Lng-A-T	109	chr4:118033350-118033450
chr4	118042950	118043050	1188-Lng-A-T	66	chr4:118042950-118043050
chr4	118050050	118050150	1188-Lng-A-T	190	chr4:118050050-118050150
chr4	118066250	118066350	1223-Lng-A-T	227	chr4:118066250-118066350
chr4	118662650	118662750	1065-Lng-A-T	270	chr4:118662650-118662750
chr4	118678950	118679050	1065-Lng-B-T	53	chr4:118678950-118679050
chr4	118758750	118758850	1065-Lng-C-T	108	chr4:118758750-118758850
chr4	119039050	119039150	1223-Lng-B-T	43	chr4:119039050-119039150

Table S2: SB Insertion regions

chr4	119090150	119090250	1072-Lng-A-T	66	chr4:119090150-119090250
chr4	119163850	119163950	1188-Lng-A-T	213	chr4:119163850-119163950
chr4	119202950	119203050	1065-Lng-A-T	67	chr4:119202950-119203050
chr4	119233750	119233850	1072-Lng-A-T	142	chr4:119233750-119233850
chr4	119242650	119242750	1100-Lng-A-T	353	chr4:119242650-119242750
chr4	119261750	119261850	1100-Lng-A-T	73	chr4:119261750-119261850
chr4	119283450	119283550	1223-Lng-D-T	47	chr4:119283450-119283550
chr4	119283750	119283850	1167-Lng-A-T	120	chr4:119283750-119283850
chr4	119408850	119408950	1004-Lng-A-T	49	chr4:119408850-119408950
chr4	119412950	119413050	1090-Lng-B-T	130	chr4:119412950-119413050
chr4	119851750	119851850	1188-Lng-A-T	36	chr4:119851750-119851850
chr4	119853550	119853650	1072-Lng-A-T	105	chr4:119853550-119853650
chr4	120039650	120039750	1167-Lng-A-T	49	chr4:120039650-120039750
chr4	120044350	120044450	1152-Lng-A-T	37	chr4:120044350-120044450
chr4	120065150	120065250	1274-Lng-A-T	128	chr4:120065150-120065250
chr4	120116150	120116250	1100-Lng-A-T	57	chr4:120116150-120116250
chr4	120121050	120121150	1100-Lng-A-T	61	chr4:120121050-120121150
chr4	120171050	120171150	1065-Lng-C-T	105	chr4:120171050-120171150
chr4	120218450	120218550	1100-Lng-A-T	53	chr4:120218450-120218550
chr4	120223350	120223450	1188-Lng-A-T	35	chr4:120223350-120223450
chr4	120228050	120228150	1188-Lng-A-T	269	chr4:120228050-120228150
chr4	120246050	120246150	1100-Lng-A-T	570	chr4:120246050-120246150
chr4	120460650	120460750	1274-Lng-A-T	59	chr4:120460650-120460750
chr4	120499450	120499550	901-Lng-B-T	160	chr4:120499450-120499550
chr4	120636650	120636750	1151-Lng-A-T	82	chr4:120636650-120636750
chr4	120654350	120654450	901-Lng-A-T	57	chr4:120654350-120654450
chr4	120670350	120670450	901-Lng-A-T	91	chr4:120670350-120670450
chr4	120825950	120826050	1065-Lng-C-T	117	chr4:120825950-120826050
chr4	120838650	120838750	1100-Lng-A-T	346	chr4:120838650-120838750
chr4	120853450	120853550	1188-Lng-A-T	248	chr4:120853450-120853550
chr4	120853850	120853950	846-Lng-A-T	146	chr4:120853850-120853950
chr4	120853850	120853950	1274-Lng-A-T	97	chr4:120853850-120853950
chr4	120869650	120869750	1100-Lng-A-T	603	chr4:120869650-120869750
chr4	120875050	120875150	1188-Lng-A-T	177	chr4:120875050-120875150
chr4	120875450	120875550	1100-Lng-A-T	102	chr4:120875450-120875550
chr4	120882350	120882450	1100-Lng-A-T	85	chr4:120882350-120882450
chr4	121357950	121358050	901-Lng-B-T	42	chr4:121357950-121358050
chr4	121361650	121361750	1004-Lng-A-T	88	chr4:121361650-121361750
chr4	121651350	121651450	1152-Lng-A-T	42	chr4:121651350-121651450
chr4	122447250	122447350	901-Lng-C-T	49	chr4:122447250-122447350
chr4	122449850	122449950	1004-Lng-A-T	72	chr4:122449850-122449950
chr4	122527650	122527750	901-Lng-A-T	340	chr4:122527650-122527750
chr4	122550850	122550950	1152-Lng-A-T	100	chr4:122550850-122550950
chr4	122551250	122551350	1151-Lng-A-T	64	chr4:122551250-122551350
chr4	122644650	122644750	1065-Lng-A-T	115	chr4:122644650-122644750
chr4	122664850	122664950	1151-Lng-A-T	68	chr4:122664850-122664950

Table S2: SB Insertion regions

chr4	122683350	122683450	1274-Lng-A-T	91	chr4:122683350-122683450
chr4	122694750	122694850	1152-Lng-A-T	388	chr4:122694750-122694850
chr4	122707250	122707350	846-Lng-A-T	158	chr4:122707250-122707350
chr4	123035550	123035650	1151-Lng-A-T	445	chr4:123035550-123035650
chr4	123099350	123099450	1065-Lng-C-T	149	chr4:123099350-123099450
chr4	123108350	123108450	901-Lng-C-T	59	chr4:123108350-123108450
chr4	123147050	123147150	901-Lng-D-T	253	chr4:123147050-123147150
chr4	123168250	123168350	1223-Lng-C-T	72	chr4:123168250-123168350
chr4	123175250	123175350	1065-Lng-A-T	46	chr4:123175250-123175350
chr4	123186750	123186850	1188-Lng-A-T	304	chr4:123186750-123186850
chr4	123199350	123199450	1090-Lng-A-T	76	chr4:123199350-123199450
chr4	123201750	123201850	1274-Lng-A-T	71	chr4:123201750-123201850
chr4	123206850	123206950	1065-Lng-C-T	79	chr4:123206850-123206950
chr4	123233650	123233750	1188-Lng-A-T	39	chr4:123233650-123233750
chr4	123238550	123238650	1004-Lng-A-T	680	chr4:123238550-123238650
chr4	123255550	123255650	1100-Lng-B-T	55	chr4:123255550-123255650
chr4	123276850	123276950	1188-Lng-A-T	226	chr4:123276850-123276950
chr4	123297850	123297950	1100-Lng-A-T	69	chr4:123297850-123297950
chr4	123298950	123299050	1152-Lng-A-T	78	chr4:123298950-123299050
chr4	123299750	123299850	1167-Lng-A-T	82	chr4:123299750-123299850
chr4	123336450	123336550	1274-Lng-A-T	92	chr4:123336450-123336550
chr4	123347350	123347450	901-Lng-C-T	36	chr4:123347350-123347450
chr4	123351250	123351350	1065-Lng-A-T	101	chr4:123351250-123351350
chr4	123413550	123413650	1274-Lng-A-T	183	chr4:123413550-123413650
chr4	123424250	123424350	1274-Lng-A-T	189	chr4:123424250-123424350
chr4	123583050	123583150	1065-Lng-C-T	72	chr4:123583050-123583150
chr4	123601450	123601550	1188-Lng-A-T	157	chr4:123601450-123601550
chr4	123602150	123602250	901-Lng-A-T	68	chr4:123602150-123602250
chr4	123628050	123628150	1004-Lng-A-T	58	chr4:123628050-123628150
chr4	123709750	123709850	1072-Lng-A-T	78	chr4:123709750-123709850
chr4	123924550	123924650	1274-Lng-A-T	201	chr4:123924550-123924650
chr4	123939650	123939750	1090-Lng-A-T	123	chr4:123939650-123939750
chr4	124447250	124447350	846-Lng-A-T	65	chr4:124447250-124447350
chr4	124467650	124467750	1152-Lng-A-T	46	chr4:124467650-124467750
chr4	124768850	124768950	1100-Lng-A-T	51	chr4:124768850-124768950
chr4	125045550	125045650	1100-Lng-A-T	96	chr4:125045550-125045650
chr4	125062850	125062950	1065-Lng-B-T	48	chr4:125062850-125062950
chr4	125374350	125374450	1151-Lng-A-T	68	chr4:125374350-125374450
chr4	125751850	125751950	1100-Lng-B-T	61	chr4:125751850-125751950
chr4	125783150	125783250	901-Lng-A-T	91	chr4:125783150-125783250
chr4	125793850	125793950	1223-Lng-D-T	83	chr4:125793850-125793950
chr4	125796550	125796650	1151-Lng-A-T	57	chr4:125796550-125796650
chr4	125868650	125868750	1152-Lng-A-T	66	chr4:125868650-125868750
chr4	126011950	126012050	1152-Lng-A-T	34	chr4:126011950-126012050
chr4	126028450	126028550	901-Lng-C-T	55	chr4:126028450-126028550
chr4	126076250	126076350	1274-Lng-A-T	65	chr4:126076250-126076350

Table S2: SB Insertion regions

chr4	126099450	126099550	1152-Lng-A-T	78	chr4:126099450-126099550
chr4	126110850	126110950	1223-Lng-D-T	48	chr4:126110850-126110950
chr4	126196750	126196850	1100-Lng-A-T	93	chr4:126196750-126196850
chr4	126208850	126208950	1100-Lng-A-T	104	chr4:126208850-126208950
chr4	126227950	126228050	1100-Lng-A-T	93	chr4:126227950-126228050
chr4	126370050	126370150	1004-Lng-A-T	65	chr4:126370050-126370150
chr4	126378150	126378250	1152-Lng-A-T	170	chr4:126378150-126378250
chr4	126510150	126510250	1223-Lng-C-T	220	chr4:126510150-126510250
chr4	126538450	126538550	901-Lng-D-T	76	chr4:126538450-126538550
chr4	126544550	126544650	1151-Lng-A-T	101	chr4:126544550-126544650
chr4	126548650	126548750	1223-Lng-C-T	488	chr4:126548650-126548750
chr4	126622750	126622850	1274-Lng-A-T	75	chr4:126622750-126622850
chr4	126642250	126642350	901-Lng-A-T	52	chr4:126642250-126642350
chr4	126701450	126701550	1152-Lng-A-T	37	chr4:126701450-126701550
chr4	126712150	126712250	1274-Lng-A-T	195	chr4:126712150-126712250
chr4	126713050	126713150	901-Lng-B-T	52	chr4:126713050-126713150
chr4	127783550	127783650	1274-Lng-A-T	99	chr4:127783550-127783650
chr4	128103950	128104050	1223-Lng-B-T	156	chr4:128103950-128104050
chr4	128172350	128172450	1090-Lng-A-T	44	chr4:128172350-128172450
chr4	128275850	128275950	846-Lng-A-T	93	chr4:128275850-128275950
chr4	128376450	128376550	1188-Lng-A-T	178	chr4:128376450-128376550
chr4	128383250	128383350	1100-Lng-B-T	1150	chr4:128383250-128383350
chr4	128430150	128430250	1100-Lng-A-T	104	chr4:128430150-128430250
chr4	128497650	128497750	1065-Lng-A-T	45	chr4:128497650-128497750
chr4	128540750	128540850	1100-Lng-A-T	79	chr4:128540750-128540850
chr4	128582050	128582150	1223-Lng-B-T	58	chr4:128582050-128582150
chr4	128643850	128643950	1223-Lng-B-T	57	chr4:128643850-128643950
chr4	128822650	128822750	1223-Lng-A-T	69	chr4:128822650-128822750
chr4	128860250	128860350	1151-Lng-A-T	55	chr4:128860250-128860350
chr4	128940250	128940350	901-Lng-C-T	87	chr4:128940250-128940350
chr4	129005750	129005850	1065-Lng-A-T	99	chr4:129005750-129005850
chr4	129051150	129051250	901-Lng-A-T	559	chr4:129051150-129051250
chr4	129398050	129398150	1100-Lng-A-T	169	chr4:129398050-129398150
chr4	129495050	129495150	1090-Lng-A-T	54	chr4:129495050-129495150
chr4	129886350	129886450	1223-Lng-B-T	44	chr4:129886350-129886450
chr4	130228850	130228950	1188-Lng-A-T	87	chr4:130228850-130228950
chr4	130232550	130232650	1152-Lng-A-T	39	chr4:130232550-130232650
chr4	130238450	130238550	1151-Lng-A-T	62	chr4:130238450-130238550
chr4	130280250	130280350	1167-Lng-A-T	67	chr4:130280250-130280350
chr4	130281150	130281250	1100-Lng-B-T	62	chr4:130281150-130281250
chr4	130305650	130305750	1223-Lng-A-T	58	chr4:130305650-130305750
chr4	130316250	130316350	1090-Lng-B-T	232	chr4:130316250-130316350
chr4	130470650	130470750	1090-Lng-A-T	51	chr4:130470650-130470750
chr4	130507950	130508050	1090-Lng-A-T	50	chr4:130507950-130508050
chr4	131379250	131379350	1188-Lng-A-T	178	chr4:131379250-131379350
chr4	131482550	131482650	901-Lng-A-T	85	chr4:131482550-131482650

Table S2: SB Insertion regions

chr4	131501150	131501250	901-Lng-D-T	296	chr4:131501150-131501250
chr4	131507250	131507350	1223-Lng-C-T	43	chr4:131507250-131507350
chr4	131522450	131522550	1004-Lng-A-T	86	chr4:131522450-131522550
chr4	131531150	131531250	1188-Lng-A-T	52	chr4:131531150-131531250
chr4	131537750	131537850	1274-Lng-A-T	124	chr4:131537750-131537850
chr4	131541550	131541650	1065-Lng-A-T	57	chr4:131541550-131541650
chr4	131542950	131543050	1090-Lng-A-T	55	chr4:131542950-131543050
chr4	131567350	131567450	1188-Lng-A-T	42	chr4:131567350-131567450
chr4	131573150	131573250	901-Lng-D-T	149	chr4:131573150-131573250
chr4	131577450	131577550	1100-Lng-A-T	56	chr4:131577450-131577550
chr4	131594450	131594550	1090-Lng-A-T	805	chr4:131594450-131594550
chr4	131602450	131602550	1151-Lng-A-T	76	chr4:131602450-131602550
chr4	131752150	131752250	1223-Lng-B-T	34	chr4:131752150-131752250
chr4	131829350	131829450	901-Lng-C-T	61	chr4:131829350-131829450
chr4	131935150	131935250	1223-Lng-C-T	46	chr4:131935150-131935250
chr4	131949550	131949650	1072-Lng-A-T	59	chr4:131949550-131949650
chr4	131962650	131962750	1152-Lng-A-T	79	chr4:131962650-131962750
chr4	132037550	132037650	1072-Lng-A-T	86	chr4:132037550-132037650
chr4	132101650	132101750	1223-Lng-B-T	104	chr4:132101650-132101750
chr4	132104050	132104150	1188-Lng-A-T	153	chr4:132104050-132104150
chr4	132226250	132226350	1065-Lng-B-T	106	chr4:132226250-132226350
chr4	132252150	132252250	1152-Lng-A-T	95	chr4:132252150-132252250
chr4	132384950	132385050	1223-Lng-D-T	116	chr4:132384950-132385050
chr4	132416250	132416350	1065-Lng-A-T	79	chr4:132416250-132416350
chr4	132662950	132663050	901-Lng-A-T	80	chr4:132662950-132663050
chr4	132677850	132677950	1223-Lng-B-T	196	chr4:132677850-132677950
chr4	132714450	132714550	1223-Lng-B-T	35	chr4:132714450-132714550
chr4	132716450	132716550	1274-Lng-A-T	56	chr4:132716450-132716550
chr4	132735050	132735150	1188-Lng-A-T	117	chr4:132735050-132735150
chr4	132877450	132877550	1065-Lng-A-T	55	chr4:132877450-132877550
chr4	132917450	132917550	1100-Lng-A-T	97	chr4:132917450-132917550
chr4	132937250	132937350	1100-Lng-A-T	103	chr4:132937250-132937350
chr4	133100450	133100550	1274-Lng-A-T	109	chr4:133100450-133100550
chr4	133243450	133243550	1065-Lng-A-T	39	chr4:133243450-133243550
chr4	133271850	133271950	1274-Lng-A-T	88	chr4:133271850-133271950
chr4	133273850	133273950	1152-Lng-A-T	133	chr4:133273850-133273950
chr4	133280550	133280650	1065-Lng-B-T	46	chr4:133280550-133280650
chr4	133291250	133291350	1274-Lng-A-T	52	chr4:133291250-133291350
chr4	133302550	133302650	1090-Lng-B-T	268	chr4:133302550-133302650
chr4	133304150	133304250	1090-Lng-A-T	99	chr4:133304150-133304250
chr4	133346650	133346750	1167-Lng-A-T	299	chr4:133346650-133346750
chr4	133381650	133381750	901-Lng-D-T	173	chr4:133381650-133381750
chr4	133654350	133654450	1274-Lng-A-T	150	chr4:133654350-133654450
chr4	133683650	133683750	1223-Lng-B-T	100	chr4:133683650-133683750
chr4	133740750	133740850	1151-Lng-A-T	70	chr4:133740750-133740850
chr4	133842150	133842250	1274-Lng-A-T	52	chr4:133842150-133842250

Table S2: SB Insertion regions

chr4	134109350	134109450	901-Lng-D-T	122	chr4:134109350-134109450
chr4	134166450	134166550	1100-Lng-A-T	64	chr4:134166450-134166550
chr4	134207150	134207250	1152-Lng-A-T	46	chr4:134207150-134207250
chr4	134207650	134207750	1167-Lng-A-T	128	chr4:134207650-134207750
chr4	134359450	134359550	1151-Lng-A-T	281	chr4:134359450-134359550
chr4	134372850	134372950	1223-Lng-D-T	56	chr4:134372850-134372950
chr4	134373450	134373550	1065-Lng-C-T	86	chr4:134373450-134373550
chr4	134405150	134405250	1274-Lng-A-T	69	chr4:134405150-134405250
chr4	134481750	134481850	1065-Lng-B-T	76	chr4:134481750-134481850
chr4	134485350	134485450	1100-Lng-A-T	58	chr4:134485350-134485450
chr4	134805250	134805350	1223-Lng-D-T	46	chr4:134805250-134805350
chr4	135052550	135052650	1223-Lng-C-T	158	chr4:135052550-135052650
chr4	135114350	135114450	1151-Lng-A-T	361	chr4:135114350-135114450
chr4	135367450	135367550	901-Lng-B-T	373	chr4:135367450-135367550
chr4	135575250	135575350	1065-Lng-B-T	42	chr4:135575250-135575350
chr4	135875450	135875550	1151-Lng-A-T	243	chr4:135875450-135875550
chr4	135888450	135888550	1072-Lng-A-T	266	chr4:135888450-135888550
chr4	135941550	135941650	1152-Lng-A-T	88	chr4:135941550-135941650
chr4	136096950	136097050	1065-Lng-C-T	140	chr4:136096950-136097050
chr4	136110950	136111050	1065-Lng-B-T	70	chr4:136110950-136111050
chr4	136797450	136797550	1065-Lng-A-T	132	chr4:136797450-136797550
chr4	136989850	136989950	1065-Lng-C-T	88	chr4:136989850-136989950
chr4	137159550	137159650	1223-Lng-D-T	53	chr4:137159550-137159650
chr4	137171450	137171550	1151-Lng-A-T	169	chr4:137171450-137171550
chr4	137267350	137267450	901-Lng-C-T	55	chr4:137267350-137267450
chr4	137399150	137399250	901-Lng-A-T	58	chr4:137399150-137399250
chr4	137492250	137492350	1090-Lng-A-T	1324	chr4:137492250-137492350
chr4	137538950	137539050	1004-Lng-A-T	109	chr4:137538950-137539050
chr4	137626050	137626150	1167-Lng-A-T	54	chr4:137626050-137626150
chr4	137626150	137626250	1188-Lng-A-T	323	chr4:137626150-137626250
chr4	137636450	137636550	1274-Lng-A-T	75	chr4:137636450-137636550
chr4	137658350	137658450	1223-Lng-A-T	325	chr4:137658350-137658450
chr4	137720150	137720250	901-Lng-C-T	82	chr4:137720150-137720250
chr4	137889150	137889250	1090-Lng-B-T	208	chr4:137889150-137889250
chr4	138264950	138265050	1188-Lng-A-T	42	chr4:138264950-138265050
chr4	138382250	138382350	1151-Lng-A-T	74	chr4:138382250-138382350
chr4	138421950	138422050	1223-Lng-C-T	84	chr4:138421950-138422050
chr4	138514050	138514150	1100-Lng-A-T	74	chr4:138514050-138514150
chr4	138665650	138665750	1151-Lng-A-T	346	chr4:138665650-138665750
chr4	138684750	138684850	901-Lng-B-T	41	chr4:138684750-138684850
chr4	138869250	138869350	1274-Lng-A-T	383	chr4:138869250-138869350
chr4	138945850	138945950	1188-Lng-A-T	45	chr4:138945850-138945950
chr4	139003150	139003250	846-Lng-A-T	163	chr4:139003150-139003250
chr4	139519850	139519950	1072-Lng-A-T	177	chr4:139519850-139519950
chr4	140033450	140033550	846-Lng-A-T	61	chr4:140033450-140033550
chr4	140956050	140956150	1188-Lng-A-T	45	chr4:140956050-140956150

Table S2: SB Insertion regions

chr4	141038050	141038150	1152-Lng-A-T	105	chr4:141038050-141038150
chr4	141046250	141046350	901-Lng-C-T	44	chr4:141046250-141046350
chr4	141052150	141052250	1151-Lng-A-T	1813	chr4:141052150-141052250
chr4	141064350	141064450	1152-Lng-A-T	163	chr4:141064350-141064450
chr4	141270850	141270950	1065-Lng-B-T	94	chr4:141270850-141270950
chr4	141271350	141271450	1274-Lng-A-T	114	chr4:141271350-141271450
chr4	141511650	141511750	1151-Lng-A-T	125	chr4:141511650-141511750
chr4	141529550	141529650	1065-Lng-B-T	42	chr4:141529550-141529650
chr4	141579350	141579450	1223-Lng-A-T	111	chr4:141579350-141579450
chr4	141590950	141591050	1223-Lng-B-T	40	chr4:141590950-141591050
chr4	141628850	141628950	1072-Lng-A-T	79	chr4:141628850-141628950
chr4	141876750	141876850	1065-Lng-C-T	66	chr4:141876750-141876850
chr4	142143350	142143450	1223-Lng-B-T	183	chr4:142143350-142143450
chr4	142509850	142509950	846-Lng-A-T	77	chr4:142509850-142509950
chr4	142514650	142514750	1072-Lng-A-T	54	chr4:142514650-142514750
chr4	142650850	142650950	1152-Lng-A-T	49	chr4:142650850-142650950
chr4	142699650	142699750	1065-Lng-C-T	61	chr4:142699650-142699750
chr4	142743050	142743150	1152-Lng-A-T	39	chr4:142743050-142743150
chr4	142744850	142744950	1167-Lng-A-T	175	chr4:142744850-142744950
chr4	142879050	142879150	846-Lng-A-T	66	chr4:142879050-142879150
chr4	142978450	142978550	1152-Lng-A-T	205	chr4:142978450-142978550
chr4	143035150	143035250	1065-Lng-B-T	55	chr4:143035150-143035250
chr4	143786850	143786950	1065-Lng-C-T	87	chr4:143786850-143786950
chr4	143876250	143876350	1065-Lng-C-T	82	chr4:143876250-143876350
chr4	144026550	144026650	1065-Lng-C-T	72	chr4:144026550-144026650
chr4	144035050	144035150	1065-Lng-A-T	56	chr4:144035050-144035150
chr4	144069350	144069450	1090-Lng-A-T	77	chr4:144069350-144069450
chr4	144232950	144233050	1152-Lng-A-T	79	chr4:144232950-144233050
chr4	144340850	144340950	1065-Lng-B-T	49	chr4:144340850-144340950
chr4	144489350	144489450	1223-Lng-B-T	46	chr4:144489350-144489450
chr4	144515850	144515950	1152-Lng-A-T	103	chr4:144515850-144515950
chr4	144516650	144516750	1188-Lng-A-T	50	chr4:144516650-144516750
chr4	144598750	144598850	1090-Lng-A-T	68	chr4:144598750-144598850
chr4	144608350	144608450	901-Lng-A-T	128	chr4:144608350-144608450
chr4	144682950	144683050	1223-Lng-B-T	78	chr4:144682950-144683050
chr4	144685350	144685450	1065-Lng-C-T	77	chr4:144685350-144685450
chr4	144703350	144703450	1274-Lng-A-T	164	chr4:144703350-144703450
chr4	144719250	144719350	1223-Lng-B-T	249	chr4:144719250-144719350
chr4	144721950	144722050	1065-Lng-A-T	35	chr4:144721950-144722050
chr4	144737950	144738050	901-Lng-B-T	178	chr4:144737950-144738050
chr4	144743050	144743150	1004-Lng-A-T	90	chr4:144743050-144743150
chr4	144828450	144828550	1188-Lng-A-T	73	chr4:144828450-144828550
chr4	144876850	144876950	1090-Lng-B-T	764	chr4:144876850-144876950
chr4	145431150	145431250	1004-Lng-A-T	82	chr4:145431150-145431250
chr4	145675850	145675950	1004-Lng-A-T	67	chr4:145675850-145675950
chr4	145717850	145717950	1004-Lng-A-T	94	chr4:145717850-145717950

Table S2: SB Insertion regions

chr4	145719450	145719550	1090-Lng-A-T	69	chr4:145719450-145719550
chr4	145733150	145733250	1100-Lng-A-T	64	chr4:145733150-145733250
chr4	145743650	145743750	1004-Lng-A-T	600	chr4:145743650-145743750
chr4	146315750	146315850	1188-Lng-A-T	90	chr4:146315750-146315850
chr4	146570150	146570250	901-Lng-D-T	290	chr4:146570150-146570250
chr4	146614950	146615050	1151-Lng-A-T	195	chr4:146614950-146615050
chr4	146714550	146714650	1188-Lng-A-T	140	chr4:146714550-146714650
chr4	146802250	146802350	1152-Lng-A-T	279	chr4:146802250-146802350
chr4	146851350	146851450	1274-Lng-A-T	64	chr4:146851350-146851450
chr4	146871850	146871950	1072-Lng-A-T	52	chr4:146871850-146871950
chr4	146890250	146890350	1188-Lng-A-T	82	chr4:146890250-146890350
chr4	146986550	146986650	1090-Lng-B-T	809	chr4:146986550-146986650
chr4	147184450	147184550	1100-Lng-B-T	71	chr4:147184450-147184550
chr4	147194850	147194950	1223-Lng-B-T	54	chr4:147194850-147194950
chr4	147203650	147203750	1152-Lng-A-T	107	chr4:147203650-147203750
chr4	147228950	147229050	1223-Lng-A-T	152	chr4:147228950-147229050
chr4	147252450	147252550	1223-Lng-B-T	61	chr4:147252450-147252550
chr4	147262250	147262350	1065-Lng-C-T	67	chr4:147262250-147262350
chr4	147263250	147263350	1100-Lng-B-T	301	chr4:147263250-147263350
chr4	147269450	147269550	1090-Lng-A-T	127	chr4:147269450-147269550
chr4	147317750	147317850	1151-Lng-A-T	63	chr4:147317750-147317850
chr4	147350550	147350650	1072-Lng-A-T	57	chr4:147350550-147350650
chr4	147400150	147400250	1152-Lng-A-T	102	chr4:147400150-147400250
chr4	147400250	147400350	1065-Lng-A-T	87	chr4:147400250-147400350
chr4	147706050	147706150	1152-Lng-A-T	44	chr4:147706050-147706150
chr4	147846850	147846950	1090-Lng-A-T	55	chr4:147846850-147846950
chr4	147957950	147958050	901-Lng-A-T	100	chr4:147957950-147958050
chr4	147960450	147960550	1100-Lng-A-T	52	chr4:147960450-147960550
chr4	147981450	147981550	1065-Lng-A-T	98	chr4:147981450-147981550
chr4	148000050	148000150	1090-Lng-A-T	74	chr4:148000050-148000150
chr4	148197250	148197350	1151-Lng-A-T	424	chr4:148197250-148197350
chr4	148213750	148213850	1100-Lng-A-T	103	chr4:148213750-148213850
chr4	148345650	148345750	1223-Lng-B-T	45	chr4:148345650-148345750
chr4	148353350	148353450	1100-Lng-A-T	58	chr4:148353350-148353450
chr4	148385750	148385850	1004-Lng-A-T	102	chr4:148385750-148385850
chr4	148447750	148447850	1090-Lng-A-T	62	chr4:148447750-148447850
chr4	148487750	148487850	1100-Lng-B-T	53	chr4:148487750-148487850
chr4	148560450	148560550	1188-Lng-A-T	219	chr4:148560450-148560550
chr4	148571550	148571650	901-Lng-D-T	46	chr4:148571550-148571650
chr4	148645750	148645850	1152-Lng-A-T	62	chr4:148645750-148645850
chr4	148666450	148666550	1167-Lng-A-T	61	chr4:148666450-148666550
chr4	148683950	148684050	846-Lng-A-T	56	chr4:148683950-148684050
chr4	148730450	148730550	1188-Lng-A-T	34	chr4:148730450-148730550
chr4	148731450	148731550	1090-Lng-B-T	404	chr4:148731450-148731550
chr4	148795150	148795250	1223-Lng-B-T	41	chr4:148795150-148795250
chr4	148796150	148796250	1274-Lng-A-T	105	chr4:148796150-148796250

Table S2: SB Insertion regions

chr4	148977850	148977950	901-Lng-A-T	71	chr4:148977850-148977950
chr4	149132750	149132850	1152-Lng-A-T	47	chr4:149132750-149132850
chr4	149138950	149139050	1090-Lng-A-T	46	chr4:149138950-149139050
chr4	149254450	149254550	1065-Lng-C-T	76	chr4:149254450-149254550
chr4	149291350	149291450	1274-Lng-A-T	58	chr4:149291350-149291450
chr4	149360950	149361050	1004-Lng-A-T	75	chr4:149360950-149361050
chr4	149361750	149361850	1100-Lng-A-T	85	chr4:149361750-149361850
chr4	149398650	149398750	1100-Lng-A-T	141	chr4:149398650-149398750
chr4	149529750	149529850	1065-Lng-C-T	75	chr4:149529750-149529850
chr4	149587250	149587350	1100-Lng-B-T	79	chr4:149587250-149587350
chr4	149683750	149683850	1151-Lng-A-T	471	chr4:149683750-149683850
chr4	149787150	149787250	901-Lng-D-T	217	chr4:149787150-149787250
chr4	149804850	149804950	1274-Lng-A-T	86	chr4:149804850-149804950
chr4	149822150	149822250	1072-Lng-A-T	158	chr4:149822150-149822250
chr4	149837450	149837550	1100-Lng-A-T	136	chr4:149837450-149837550
chr4	149905450	149905550	901-Lng-C-T	31	chr4:149905450-149905550
chr4	149921750	149921850	1100-Lng-A-T	111	chr4:149921750-149921850
chr4	149931650	149931750	901-Lng-B-T	185	chr4:149931650-149931750
chr4	149963450	149963550	1100-Lng-B-T	53	chr4:149963450-149963550
chr4	150005850	150005950	1090-Lng-A-T	48	chr4:150005850-150005950
chr4	150232250	150232350	1223-Lng-A-T	92	chr4:150232250-150232350
chr4	150350350	150350450	1072-Lng-A-T	168	chr4:150350350-150350450
chr4	150908050	150908150	1065-Lng-C-T	63	chr4:150908050-150908150
chr4	151142250	151142350	1188-Lng-A-T	77	chr4:151142250-151142350
chr4	151160150	151160250	1004-Lng-A-T	52	chr4:151160150-151160250
chr4	151175150	151175250	1152-Lng-A-T	101	chr4:151175150-151175250
chr4	151204950	151205050	1100-Lng-A-T	121	chr4:151204950-151205050
chr4	151214750	151214850	1188-Lng-A-T	43	chr4:151214750-151214850
chr4	151319150	151319250	1223-Lng-D-T	118	chr4:151319150-151319250
chr4	151384150	151384250	1100-Lng-A-T	162	chr4:151384150-151384250
chr4	151385850	151385950	1188-Lng-A-T	74	chr4:151385850-151385950
chr4	151418050	151418150	1223-Lng-D-T	44	chr4:151418050-151418150
chr4	151558150	151558250	1151-Lng-A-T	57	chr4:151558150-151558250
chr4	151566450	151566550	1223-Lng-B-T	51	chr4:151566450-151566550
chr4	151703550	151703650	1151-Lng-A-T	60	chr4:151703550-151703650
chr4	151973750	151973850	901-Lng-B-T	140	chr4:151973750-151973850
chr4	152054250	152054350	1274-Lng-A-T	82	chr4:152054250-152054350
chr4	152306550	152306650	1072-Lng-A-T	60	chr4:152306550-152306650
chr4	152384550	152384650	901-Lng-A-T	185	chr4:152384550-152384650
chr4	152547050	152547150	1152-Lng-A-T	102	chr4:152547050-152547150
chr4	152642450	152642550	1100-Lng-A-T	62	chr4:152642450-152642550
chr4	153387650	153387750	1100-Lng-B-T	56	chr4:153387650-153387750
chr4	153520450	153520550	901-Lng-B-T	144	chr4:153520450-153520550
chr4	153589450	153589550	1274-Lng-A-T	72	chr4:153589450-153589550
chr4	153608750	153608850	1065-Lng-A-T	86	chr4:153608750-153608850
chr4	153744350	153744450	1004-Lng-A-T	84	chr4:153744350-153744450

Table S2: SB Insertion regions

chr4	153766950	153767050	1004-Lng-A-T	64	chr4:153766950-153767050
chr4	153790550	153790650	1065-Lng-A-T	113	chr4:153790550-153790650
chr4	153830150	153830250	1223-Lng-A-T	117	chr4:153830150-153830250
chr4	153861350	153861450	1274-Lng-A-T	65	chr4:153861350-153861450
chr4	153990150	153990250	1090-Lng-A-T	82	chr4:153990150-153990250
chr4	154294750	154294850	1090-Lng-A-T	57	chr4:154294750-154294850
chr4	154402650	154402750	1100-Lng-A-T	3241	chr4:154402650-154402750
chr4	154448250	154448350	1065-Lng-A-T	61	chr4:154448250-154448350
chr4	154455950	154456050	901-Lng-C-T	86	chr4:154455950-154456050
chr4	154512350	154512450	1152-Lng-A-T	32	chr4:154512350-154512450
chr4	154676350	154676450	1090-Lng-A-T	51	chr4:154676350-154676450
chr4	154698650	154698750	1223-Lng-C-T	77	chr4:154698650-154698750
chr4	154701650	154701750	1274-Lng-A-T	75	chr4:154701650-154701750
chr4	154704050	154704150	901-Lng-A-T	322	chr4:154704050-154704150
chr4	154747750	154747850	1100-Lng-A-T	78	chr4:154747750-154747850
chr4	154889650	154889750	1223-Lng-C-T	60	chr4:154889650-154889750
chr4	154901250	154901350	1223-Lng-C-T	58	chr4:154901250-154901350
chr4	154907250	154907350	901-Lng-A-T	91	chr4:154907250-154907350
chr4	154929750	154929850	1100-Lng-A-T	68	chr4:154929750-154929850
chr4	154940850	154940950	1065-Lng-C-T	79	chr4:154940850-154940950
chr4	154967250	154967350	1100-Lng-A-T	57	chr4:154967250-154967350
chr4	154991450	154991550	901-Lng-C-T	83	chr4:154991450-154991550
chr4	154995050	154995150	1151-Lng-A-T	248	chr4:154995050-154995150
chr4	155015450	155015550	1223-Lng-A-T	112	chr4:155015450-155015550
chr4	155193450	155193550	1100-Lng-A-T	82	chr4:155193450-155193550
chr4	155224550	155224650	901-Lng-A-T	54	chr4:155224550-155224650
chr4	155321250	155321350	901-Lng-C-T	44	chr4:155321250-155321350
chr4	155327450	155327550	846-Lng-A-T	119	chr4:155327450-155327550
chr4	155334450	155334550	1151-Lng-A-T	148	chr4:155334450-155334550
chr4	155337850	155337950	1223-Lng-C-T	82	chr4:155337850-155337950
chr4	155405350	155405450	901-Lng-A-T	116	chr4:155405350-155405450
chr4	155413350	155413450	1223-Lng-D-T	49	chr4:155413350-155413450
chr4	155426850	155426950	1151-Lng-A-T	68	chr4:155426850-155426950
chr4	155431150	155431250	1151-Lng-A-T	185	chr4:155431150-155431250
chr4	155590150	155590250	1090-Lng-A-T	87	chr4:155590150-155590250
chr5	3079850	3079950	1065-Lng-C-T	108	chr5:3079850-3079950
chr5	3144650	3144750	1090-Lng-B-T	267	chr5:3144650-3144750
chr5	3419450	3419550	1072-Lng-A-T	49	chr5:3419450-3419550
chr5	3556150	3556250	1065-Lng-B-T	328	chr5:3556150-3556250
chr5	3564850	3564950	1223-Lng-B-T	836	chr5:3564850-3564950
chr5	3606450	3606550	1065-Lng-A-T	43	chr5:3606450-3606550
chr5	4016750	4016850	901-Lng-C-T	86	chr5:4016750-4016850
chr5	4682950	4683050	1274-Lng-A-T	50	chr5:4682950-4683050
chr5	4815550	4815650	901-Lng-A-T	119	chr5:4815550-4815650
chr5	4854450	4854550	1065-Lng-B-T	50	chr5:4854450-4854550
chr5	4863250	4863350	1072-Lng-A-T	83	chr5:4863250-4863350

Table S2: SB Insertion regions

chr5	5020050	5020150	1090-Lng-A-T	82	chr5:5020050-5020150
chr5	5031750	5031850	1152-Lng-A-T	101	chr5:5031750-5031850
chr5	5088150	5088250	1065-Lng-B-T	87	chr5:5088150-5088250
chr5	5102850	5102950	901-Lng-A-T	56	chr5:5102850-5102950
chr5	5106350	5106450	1065-Lng-B-T	40	chr5:5106350-5106450
chr5	5146150	5146250	1065-Lng-B-T	59	chr5:5146150-5146250
chr5	5220550	5220650	1090-Lng-A-T	53	chr5:5220550-5220650
chr5	5247650	5247750	901-Lng-A-T	54	chr5:5247650-5247750
chr5	5300650	5300750	1100-Lng-B-T	52	chr5:5300650-5300750
chr5	5303950	5304050	1188-Lng-A-T	47	chr5:5303950-5304050
chr5	5835850	5835950	901-Lng-B-T	79	chr5:5835850-5835950
chr5	6134950	6135050	1223-Lng-A-T	155	chr5:6134950-6135050
chr5	6384750	6384850	1065-Lng-C-T	63	chr5:6384750-6384850
chr5	6537150	6537250	1072-Lng-A-T	65	chr5:6537150-6537250
chr5	6715650	6715750	1065-Lng-C-T	1519	chr5:6715650-6715750
chr5	6777550	6777650	1152-Lng-A-T	54	chr5:6777550-6777650
chr5	6784350	6784450	901-Lng-B-T	223	chr5:6784350-6784450
chr5	6887750	6887850	901-Lng-B-T	293	chr5:6887750-6887850
chr5	6935450	6935550	1090-Lng-A-T	73	chr5:6935450-6935550
chr5	6965150	6965250	1004-Lng-A-T	249	chr5:6965150-6965250
chr5	7021450	7021550	1065-Lng-B-T	80	chr5:7021450-7021550
chr5	7214550	7214650	846-Lng-A-T	211	chr5:7214550-7214650
chr5	7290650	7290750	1090-Lng-A-T	68	chr5:7290650-7290750
chr5	7580950	7581050	1072-Lng-A-T	261	chr5:7580950-7581050
chr5	7875550	7875650	1274-Lng-A-T	102	chr5:7875550-7875650
chr5	7889450	7889550	1090-Lng-A-T	88	chr5:7889450-7889550
chr5	8062150	8062250	1090-Lng-A-T	70	chr5:8062150-8062250
chr5	8144350	8144450	846-Lng-A-T	147	chr5:8144350-8144450
chr5	8226850	8226950	1188-Lng-A-T	52	chr5:8226850-8226950
chr5	8351950	8352050	1004-Lng-A-T	68	chr5:8351950-8352050
chr5	8394550	8394650	846-Lng-A-T	184	chr5:8394550-8394650
chr5	8618650	8618750	1188-Lng-A-T	39	chr5:8618650-8618750
chr5	8630850	8630950	846-Lng-A-T	160	chr5:8630850-8630950
chr5	8721250	8721350	1065-Lng-B-T	39	chr5:8721250-8721350
chr5	8919550	8919650	1065-Lng-A-T	85	chr5:8919550-8919650
chr5	8968850	8968950	1072-Lng-A-T	103	chr5:8968850-8968950
chr5	8977450	8977550	1152-Lng-A-T	94	chr5:8977450-8977550
chr5	9073850	9073950	1188-Lng-A-T	65	chr5:9073850-9073950
chr5	9075950	9076050	1065-Lng-A-T	88	chr5:9075950-9076050
chr5	9129550	9129650	1223-Lng-B-T	37	chr5:9129550-9129650
chr5	9170250	9170350	1274-Lng-A-T	215	chr5:9170250-9170350
chr5	9173750	9173850	1223-Lng-B-T	43	chr5:9173750-9173850
chr5	9201550	9201650	1152-Lng-A-T	48	chr5:9201550-9201650
chr5	9266950	9267050	1100-Lng-A-T	90	chr5:9266950-9267050
chr5	9292950	9293050	1090-Lng-A-T	61	chr5:9292950-9293050
chr5	9386250	9386350	1090-Lng-A-T	55	chr5:9386250-9386350

Table S2: SB Insertion regions

chr5	9389350	9389450	1223-Lng-C-T	49	chr5:9389350-9389450
chr5	9471150	9471250	1065-Lng-A-T	40	chr5:9471150-9471250
chr5	9486550	9486650	1065-Lng-C-T	201	chr5:9486550-9486650
chr5	9530450	9530550	846-Lng-A-T	283	chr5:9530450-9530550
chr5	9733050	9733150	1065-Lng-A-T	63	chr5:9733050-9733150
chr5	9802150	9802250	846-Lng-A-T	175	chr5:9802150-9802250
chr5	9987350	9987450	1274-Lng-A-T	60	chr5:9987350-9987450
chr5	10060150	10060250	846-Lng-A-T	104	chr5:10060150-10060250
chr5	10070350	10070450	1100-Lng-A-T	105	chr5:10070350-10070450
chr5	10317950	10318050	901-Lng-C-T	126	chr5:10317950-10318050
chr5	10318150	10318250	1223-Lng-C-T	51	chr5:10318150-10318250
chr5	10442150	10442250	1004-Lng-A-T	89	chr5:10442150-10442250
chr5	10478350	10478450	1065-Lng-A-T	58	chr5:10478350-10478450
chr5	11952450	11952550	1188-Lng-A-T	34	chr5:11952450-11952550
chr5	12375150	12375250	1274-Lng-A-T	73	chr5:12375150-12375250
chr5	12430050	12430150	1223-Lng-C-T	56	chr5:12430050-12430150
chr5	12496850	12496950	1274-Lng-A-T	57	chr5:12496850-12496950
chr5	12587950	12588050	901-Lng-C-T	35	chr5:12587950-12588050
chr5	12616950	12617050	1274-Lng-A-T	75	chr5:12616950-12617050
chr5	12652250	12652350	901-Lng-B-T	92	chr5:12652250-12652350
chr5	12842650	12842750	1090-Lng-A-T	152	chr5:12842650-12842750
chr5	12997850	12997950	1151-Lng-A-T	81	chr5:12997850-12997950
chr5	13040750	13040850	901-Lng-A-T	71	chr5:13040750-13040850
chr5	13138150	13138250	1090-Lng-A-T	53	chr5:13138150-13138250
chr5	13291150	13291250	901-Lng-B-T	135	chr5:13291150-13291250
chr5	13357150	13357250	846-Lng-A-T	93	chr5:13357150-13357250
chr5	13555050	13555150	1072-Lng-A-T	177	chr5:13555050-13555150
chr5	13586850	13586950	1090-Lng-A-T	47	chr5:13586850-13586950
chr5	13707250	13707350	1274-Lng-A-T	65	chr5:13707250-13707350
chr5	14040150	14040250	1152-Lng-A-T	147	chr5:14040150-14040250
chr5	14053850	14053950	1004-Lng-A-T	55	chr5:14053850-14053950
chr5	14246150	14246250	1223-Lng-A-T	75	chr5:14246150-14246250
chr5	14454150	14454250	1065-Lng-C-T	100	chr5:14454150-14454250
chr5	14573850	14573950	901-Lng-D-T	42	chr5:14573850-14573950
chr5	14960950	14961050	1065-Lng-A-T	43	chr5:14960950-14961050
chr5	14962250	14962350	1223-Lng-D-T	53	chr5:14962250-14962350
chr5	14997750	14997850	1072-Lng-A-T	110	chr5:14997750-14997850
chr5	15344150	15344250	1065-Lng-B-T	48	chr5:15344150-15344250
chr5	15539150	15539250	1100-Lng-A-T	127	chr5:15539150-15539250
chr5	15562950	15563050	1223-Lng-A-T	52	chr5:15562950-15563050
chr5	15669450	15669550	1004-Lng-A-T	55	chr5:15669450-15669550
chr5	15841550	15841650	901-Lng-D-T	518	chr5:15841550-15841650
chr5	15850950	15851050	901-Lng-C-T	346	chr5:15850950-15851050
chr5	16000450	16000550	1065-Lng-A-T	78	chr5:16000450-16000550
chr5	16040450	16040550	1274-Lng-A-T	55	chr5:16040450-16040550
chr5	16041650	16041750	1274-Lng-A-T	70	chr5:16041650-16041750

Table S2: SB Insertion regions

chr5	16534850	16534950	1223-Lng-B-T	45	chr5:16534850-16534950
chr5	16969150	16969250	1004-Lng-A-T	149	chr5:16969150-16969250
chr5	16971550	16971650	1152-Lng-A-T	203	chr5:16971550-16971650
chr5	17164550	17164650	1065-Lng-C-T	112	chr5:17164550-17164650
chr5	17177450	17177550	1223-Lng-C-T	53	chr5:17177450-17177550
chr5	17208250	17208350	1151-Lng-A-T	171	chr5:17208250-17208350
chr5	17351050	17351150	1100-Lng-A-T	120	chr5:17351050-17351150
chr5	17562650	17562750	1072-Lng-A-T	119	chr5:17562650-17562750
chr5	17621050	17621150	1223-Lng-D-T	100	chr5:17621050-17621150
chr5	17776350	17776450	1004-Lng-A-T	315	chr5:17776350-17776450
chr5	17793250	17793350	1223-Lng-A-T	70	chr5:17793250-17793350
chr5	17979950	17980050	1100-Lng-A-T	136	chr5:17979950-17980050
chr5	18032150	18032250	1152-Lng-A-T	79	chr5:18032150-18032250
chr5	18060250	18060350	901-Lng-A-T	190	chr5:18060250-18060350
chr5	18096450	18096550	1223-Lng-B-T	36	chr5:18096450-18096550
chr5	18219350	18219450	901-Lng-B-T	234	chr5:18219350-18219450
chr5	18278750	18278850	901-Lng-B-T	199	chr5:18278750-18278850
chr5	18494050	18494150	1090-Lng-A-T	98	chr5:18494050-18494150
chr5	18623050	18623150	1090-Lng-A-T	83	chr5:18623050-18623150
chr5	18789750	18789850	1223-Lng-A-T	154	chr5:18789750-18789850
chr5	18937350	18937450	901-Lng-A-T	50	chr5:18937350-18937450
chr5	18958450	18958550	1065-Lng-C-T	71	chr5:18958450-18958550
chr5	19179350	19179450	1274-Lng-A-T	98	chr5:19179350-19179450
chr5	19223250	19223350	1274-Lng-A-T	65	chr5:19223250-19223350
chr5	19264950	19265050	1223-Lng-A-T	305	chr5:19264950-19265050
chr5	19306250	19306350	901-Lng-A-T	119	chr5:19306250-19306350
chr5	19523050	19523150	901-Lng-A-T	58	chr5:19523050-19523150
chr5	19778050	19778150	901-Lng-A-T	262	chr5:19778050-19778150
chr5	19915350	19915450	901-Lng-A-T	70	chr5:19915350-19915450
chr5	19928450	19928550	1223-Lng-B-T	40	chr5:19928450-19928550
chr5	19931250	19931350	1223-Lng-C-T	58	chr5:19931250-19931350
chr5	20061250	20061350	1188-Lng-A-T	40	chr5:20061250-20061350
chr5	20138250	20138350	1072-Lng-A-T	51	chr5:20138250-20138350
chr5	20345550	20345650	1065-Lng-C-T	79	chr5:20345550-20345650
chr5	20395750	20395850	1223-Lng-C-T	727	chr5:20395750-20395850
chr5	20423750	20423850	901-Lng-A-T	56	chr5:20423750-20423850
chr5	20438750	20438850	1100-Lng-B-T	64	chr5:20438750-20438850
chr5	20440350	20440450	1090-Lng-A-T	88	chr5:20440350-20440450
chr5	20523650	20523750	1274-Lng-A-T	63	chr5:20523650-20523750
chr5	20535250	20535350	1100-Lng-A-T	323	chr5:20535250-20535350
chr5	20537250	20537350	1167-Lng-A-T	106	chr5:20537250-20537350
chr5	20547850	20547950	1274-Lng-A-T	79	chr5:20547850-20547950
chr5	20553850	20553950	1152-Lng-A-T	93	chr5:20553850-20553950
chr5	20558550	20558650	1072-Lng-A-T	130	chr5:20558550-20558650
chr5	20641450	20641550	1072-Lng-A-T	126	chr5:20641450-20641550
chr5	20723250	20723350	1100-Lng-B-T	5918	chr5:20723250-20723350

Table S2: SB Insertion regions

chr5	20733650	20733750	1100-Lng-A-T	136	chr5:20733650-20733750
chr5	20764150	20764250	1151-Lng-A-T	54	chr5:20764150-20764250
chr5	20903350	20903450	846-Lng-A-T	46	chr5:20903350-20903450
chr5	20962250	20962350	1223-Lng-A-T	95	chr5:20962250-20962350
chr5	21030550	21030650	1065-Lng-B-T	77	chr5:21030550-21030650
chr5	21216850	21216950	901-Lng-A-T	120	chr5:21216850-21216950
chr5	21666150	21666250	901-Lng-C-T	56	chr5:21666150-21666250
chr5	21941450	21941550	1274-Lng-A-T	75	chr5:21941450-21941550
chr5	22168750	22168850	1065-Lng-B-T	86	chr5:22168750-22168850
chr5	22277650	22277750	1090-Lng-A-T	46	chr5:22277650-22277750
chr5	22291750	22291850	901-Lng-C-T	44	chr5:22291750-22291850
chr5	22334250	22334350	1223-Lng-B-T	45	chr5:22334250-22334350
chr5	22398250	22398350	1152-Lng-A-T	306	chr5:22398250-22398350
chr5	22735250	22735350	1223-Lng-B-T	53	chr5:22735250-22735350
chr5	22846350	22846450	901-Lng-A-T	73	chr5:22846350-22846450
chr5	22846350	22846450	846-Lng-A-T	67	chr5:22846350-22846450
chr5	22846350	22846450	901-Lng-D-T	39	chr5:22846350-22846450
chr5	22846350	22846450	1072-Lng-A-T	51	chr5:22846350-22846450
chr5	22846350	22846450	901-Lng-C-T	29	chr5:22846350-22846450
chr5	22913550	22913650	1223-Lng-D-T	59	chr5:22913550-22913650
chr5	22945750	22945850	1151-Lng-A-T	292	chr5:22945750-22945850
chr5	22954550	22954650	1004-Lng-A-T	171	chr5:22954550-22954650
chr5	22954550	22954650	1223-Lng-D-T	115	chr5:22954550-22954650
chr5	22965250	22965350	1167-Lng-A-T	57	chr5:22965250-22965350
chr5	22969650	22969750	1152-Lng-A-T	82	chr5:22969650-22969750
chr5	22977850	22977950	1151-Lng-A-T	292	chr5:22977850-22977950
chr5	23100050	23100150	901-Lng-B-T	57	chr5:23100050-23100150
chr5	23108950	23109050	1100-Lng-A-T	79	chr5:23108950-23109050
chr5	23120550	23120650	1090-Lng-B-T	1065	chr5:23120550-23120650
chr5	23122050	23122150	1151-Lng-A-T	75	chr5:23122050-23122150
chr5	23139550	23139650	1152-Lng-A-T	39	chr5:23139550-23139650
chr5	23177250	23177350	901-Lng-B-T	87	chr5:23177250-23177350
chr5	23287750	23287850	1274-Lng-A-T	170	chr5:23287750-23287850
chr5	23298250	23298350	1072-Lng-A-T	75	chr5:23298250-23298350
chr5	23304350	23304450	1065-Lng-C-T	99	chr5:23304350-23304450
chr5	23481550	23481650	1223-Lng-C-T	50	chr5:23481550-23481650
chr5	23508550	23508650	901-Lng-B-T	146	chr5:23508550-23508650
chr5	23521950	23522050	1167-Lng-A-T	83	chr5:23521950-23522050
chr5	23997050	23997150	901-Lng-B-T	54	chr5:23997050-23997150
chr5	24294850	24294950	901-Lng-B-T	173	chr5:24294850-24294950
chr5	24323950	24324050	1188-Lng-A-T	46	chr5:24323950-24324050
chr5	24336550	24336650	1072-Lng-A-T	65	chr5:24336550-24336650
chr5	24337950	24338050	1100-Lng-A-T	90	chr5:24337950-24338050
chr5	24337950	24338050	1223-Lng-C-T	52	chr5:24337950-24338050
chr5	24461050	24461150	1004-Lng-A-T	58	chr5:24461050-24461150
chr5	24809050	24809150	846-Lng-A-T	83	chr5:24809050-24809150

Table S2: SB Insertion regions

chr5	24894850	24894950	1223-Lng-A-T	69	chr5:24894850-24894950
chr5	24906550	24906650	1090-Lng-A-T	80	chr5:24906550-24906650
chr5	24986150	24986250	1274-Lng-A-T	56	chr5:24986150-24986250
chr5	25260650	25260750	1004-Lng-A-T	163	chr5:25260650-25260750
chr5	26661950	26662050	1223-Lng-B-T	63	chr5:26661950-26662050
chr5	26994850	26994950	1167-Lng-A-T	123	chr5:26994850-26994950
chr5	27318250	27318350	901-Lng-A-T	136	chr5:27318250-27318350
chr5	27337150	27337250	1274-Lng-A-T	125	chr5:27337150-27337250
chr5	27417850	27417950	1072-Lng-A-T	69	chr5:27417850-27417950
chr5	27448550	27448650	1274-Lng-A-T	74	chr5:27448550-27448650
chr5	27603150	27603250	1065-Lng-C-T	109	chr5:27603150-27603250
chr5	27805650	27805750	1004-Lng-A-T	61	chr5:27805650-27805750
chr5	27855650	27855750	1072-Lng-A-T	80	chr5:27855650-27855750
chr5	28107750	28107850	1072-Lng-A-T	163	chr5:28107750-28107850
chr5	28243650	28243750	1100-Lng-B-T	1357	chr5:28243650-28243750
chr5	28255150	28255250	1065-Lng-B-T	71	chr5:28255150-28255250
chr5	28328750	28328850	1223-Lng-B-T	46	chr5:28328750-28328850
chr5	28372550	28372650	1167-Lng-A-T	57	chr5:28372550-28372650
chr5	28402650	28402750	1152-Lng-A-T	88	chr5:28402650-28402750
chr5	28435350	28435450	1100-Lng-B-T	240	chr5:28435350-28435450
chr5	28438650	28438750	1223-Lng-C-T	71	chr5:28438650-28438750
chr5	28496350	28496450	901-Lng-D-T	2137	chr5:28496350-28496450
chr5	28496350	28496450	1100-Lng-B-T	424	chr5:28496350-28496450
chr5	28496350	28496450	1090-Lng-A-T	1573	chr5:28496350-28496450
chr5	28496350	28496450	1274-Lng-A-T	4226	chr5:28496350-28496450
chr5	28496350	28496450	1188-Lng-A-T	124	chr5:28496350-28496450
chr5	28496350	28496450	1090-Lng-B-T	6507	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-A-T	1586	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-D-T	3528	chr5:28496350-28496450
chr5	28496350	28496450	1065-Lng-B-T	71	chr5:28496350-28496450
chr5	28496350	28496450	846-Lng-A-T	1602	chr5:28496350-28496450
chr5	28496350	28496450	1065-Lng-C-T	289	chr5:28496350-28496450
chr5	28496350	28496450	1100-Lng-A-T	5415	chr5:28496350-28496450
chr5	28496350	28496450	1072-Lng-A-T	313	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-C-T	1486	chr5:28496350-28496450
chr5	28496350	28496450	1152-Lng-A-T	3209	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-C-T	84	chr5:28496350-28496450
chr5	28496350	28496450	1151-Lng-A-T	2766	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-B-T	330	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-B-T	2522	chr5:28496350-28496450
chr5	28496350	28496450	1167-Lng-A-T	2176	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-D-T	292	chr5:28496350-28496450
chr5	28496350	28496450	1274-Lng-A-T	545	chr5:28496350-28496450
chr5	28496350	28496450	1065-Lng-A-T	347	chr5:28496350-28496450
chr5	28496350	28496450	1090-Lng-A-T	3688	chr5:28496350-28496450
chr5	28496350	28496450	1188-Lng-A-T	658	chr5:28496350-28496450

Table S2: SB Insertion regions

chr5	28496350	28496450	1223-Lng-D-T	1448	chr5:28496350-28496450
chr5	28496350	28496450	1090-Lng-B-T	11973	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-A-T	1353	chr5:28496350-28496450
chr5	28496350	28496450	1100-Lng-A-T	943	chr5:28496350-28496450
chr5	28496350	28496450	1065-Lng-B-T	638	chr5:28496350-28496450
chr5	28496350	28496450	1072-Lng-A-T	52	chr5:28496350-28496450
chr5	28496350	28496450	1152-Lng-A-T	150	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-C-T	186	chr5:28496350-28496450
chr5	28496350	28496450	1151-Lng-A-T	440	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-C-T	3491	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-B-T	84	chr5:28496350-28496450
chr5	28496350	28496450	1223-Lng-B-T	1467	chr5:28496350-28496450
chr5	28496350	28496450	1167-Lng-A-T	1119	chr5:28496350-28496450
chr5	28496350	28496450	901-Lng-A-T	629	chr5:28496350-28496450
chr5	28496350	28496450	1004-Lng-A-T	216	chr5:28496350-28496450
chr5	28496450	28496550	1100-Lng-B-T	70	chr5:28496450-28496550
chr5	28496450	28496550	1090-Lng-A-T	545	chr5:28496450-28496550
chr5	28496450	28496550	1274-Lng-A-T	4853	chr5:28496450-28496550
chr5	28496450	28496550	1065-Lng-A-T	74	chr5:28496450-28496550
chr5	28496450	28496550	1188-Lng-A-T	106	chr5:28496450-28496550
chr5	28496450	28496550	1090-Lng-B-T	2869	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-D-T	3050	chr5:28496450-28496550
chr5	28496450	28496550	1065-Lng-B-T	150	chr5:28496450-28496550
chr5	28496450	28496550	1100-Lng-A-T	8987	chr5:28496450-28496550
chr5	28496450	28496550	1072-Lng-A-T	354	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-C-T	561	chr5:28496450-28496550
chr5	28496450	28496550	1152-Lng-A-T	3603	chr5:28496450-28496550
chr5	28496450	28496550	901-Lng-C-T	161	chr5:28496450-28496550
chr5	28496450	28496550	1151-Lng-A-T	4094	chr5:28496450-28496550
chr5	28496450	28496550	901-Lng-B-T	537	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-B-T	1539	chr5:28496450-28496550
chr5	28496450	28496550	1167-Lng-A-T	1647	chr5:28496450-28496550
chr5	28496450	28496550	901-Lng-A-T	76	chr5:28496450-28496550
chr5	28496450	28496550	1004-Lng-A-T	976	chr5:28496450-28496550
chr5	28496450	28496550	1274-Lng-A-T	618	chr5:28496450-28496550
chr5	28496450	28496550	1100-Lng-B-T	755	chr5:28496450-28496550
chr5	28496450	28496550	1090-Lng-A-T	2659	chr5:28496450-28496550
chr5	28496450	28496550	1188-Lng-A-T	1585	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-D-T	603	chr5:28496450-28496550
chr5	28496450	28496550	1090-Lng-B-T	9747	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-A-T	3961	chr5:28496450-28496550
chr5	28496450	28496550	1100-Lng-A-T	1337	chr5:28496450-28496550
chr5	28496450	28496550	1065-Lng-B-T	565	chr5:28496450-28496550
chr5	28496450	28496550	1072-Lng-A-T	113	chr5:28496450-28496550
chr5	28496450	28496550	1152-Lng-A-T	602	chr5:28496450-28496550
chr5	28496450	28496550	846-Lng-A-T	337	chr5:28496450-28496550

Table S2: SB Insertion regions

chr5	28496450	28496550	1065-Lng-C-T	2269	chr5:28496450-28496550
chr5	28496450	28496550	1151-Lng-A-T	421	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-C-T	3256	chr5:28496450-28496550
chr5	28496450	28496550	1223-Lng-B-T	900	chr5:28496450-28496550
chr5	28496450	28496550	1167-Lng-A-T	313	chr5:28496450-28496550
chr5	28496450	28496550	901-Lng-A-T	154	chr5:28496450-28496550
chr5	28496450	28496550	901-Lng-D-T	80	chr5:28496450-28496550
chr5	28496550	28496650	1188-Lng-A-T	38	chr5:28496550-28496650
chr5	28496550	28496650	1090-Lng-B-T	5873	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-D-T	5977	chr5:28496550-28496650
chr5	28496550	28496650	1065-Lng-B-T	55	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-A-T	1718	chr5:28496550-28496650
chr5	28496550	28496650	1100-Lng-A-T	1664	chr5:28496550-28496650
chr5	28496550	28496650	1072-Lng-A-T	273	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-C-T	835	chr5:28496550-28496650
chr5	28496550	28496650	1152-Lng-A-T	645	chr5:28496550-28496650
chr5	28496550	28496650	846-Lng-A-T	1253	chr5:28496550-28496650
chr5	28496550	28496650	1065-Lng-C-T	890	chr5:28496550-28496650
chr5	28496550	28496650	1151-Lng-A-T	646	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-B-T	79	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-B-T	4369	chr5:28496550-28496650
chr5	28496550	28496650	1167-Lng-A-T	2703	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-A-T	1538	chr5:28496550-28496650
chr5	28496550	28496650	1004-Lng-A-T	73	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-D-T	1092	chr5:28496550-28496650
chr5	28496550	28496650	1274-Lng-A-T	138	chr5:28496550-28496650
chr5	28496550	28496650	1100-Lng-B-T	112	chr5:28496550-28496650
chr5	28496550	28496650	1090-Lng-A-T	6325	chr5:28496550-28496650
chr5	28496550	28496650	1065-Lng-A-T	605	chr5:28496550-28496650
chr5	28496550	28496650	1188-Lng-A-T	126	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-D-T	646	chr5:28496550-28496650
chr5	28496550	28496650	1090-Lng-B-T	23248	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-A-T	2770	chr5:28496550-28496650
chr5	28496550	28496650	1100-Lng-A-T	467	chr5:28496550-28496650
chr5	28496550	28496650	1065-Lng-B-T	902	chr5:28496550-28496650
chr5	28496550	28496650	1152-Lng-A-T	171	chr5:28496550-28496650
chr5	28496550	28496650	846-Lng-A-T	69	chr5:28496550-28496650
chr5	28496550	28496650	1151-Lng-A-T	129	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-C-T	6061	chr5:28496550-28496650
chr5	28496550	28496650	1223-Lng-B-T	1129	chr5:28496550-28496650
chr5	28496550	28496650	1167-Lng-A-T	752	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-C-T	197	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-B-T	2693	chr5:28496550-28496650
chr5	28496550	28496650	901-Lng-D-T	143	chr5:28496550-28496650
chr5	28496550	28496650	1004-Lng-A-T	190	chr5:28496550-28496650
chr5	28496550	28496650	1090-Lng-A-T	502	chr5:28496550-28496650

Table S2: SB Insertion regions

chr5	28496550	28496650	1274-Lng-A-T	1060	chr5:28496550-28496650
chr5	28496650	28496750	1100-Lng-A-T	74	chr5:28496650-28496750
chr5	28496650	28496750	1152-Lng-A-T	44	chr5:28496650-28496750
chr5	28496750	28496850	1100-Lng-A-T	1384	chr5:28496750-28496850
chr5	28496750	28496850	1152-Lng-A-T	85	chr5:28496750-28496850
chr5	28496750	28496850	1151-Lng-A-T	65	chr5:28496750-28496850
chr5	28496750	28496850	1274-Lng-A-T	438	chr5:28496750-28496850
chr5	28496750	28496850	1188-Lng-A-T	182	chr5:28496750-28496850
chr5	28496750	28496850	1100-Lng-A-T	946	chr5:28496750-28496850
chr5	28496750	28496850	1152-Lng-A-T	141	chr5:28496750-28496850
chr5	28496750	28496850	1151-Lng-A-T	216	chr5:28496750-28496850
chr5	28496750	28496850	1274-Lng-A-T	328	chr5:28496750-28496850
chr5	28496750	28496850	1100-Lng-B-T	76	chr5:28496750-28496850
chr5	28669750	28669850	1223-Lng-B-T	166	chr5:28669750-28669850
chr5	28689550	28689650	1065-Lng-A-T	34	chr5:28689550-28689650
chr5	28716750	28716850	1223-Lng-D-T	57	chr5:28716750-28716850
chr5	28723650	28723750	901-Lng-D-T	141	chr5:28723650-28723750
chr5	28728650	28728750	1274-Lng-A-T	166	chr5:28728650-28728750
chr5	28733950	28734050	901-Lng-D-T	260	chr5:28733950-28734050
chr5	28738250	28738350	1100-Lng-A-T	52	chr5:28738250-28738350
chr5	28824250	28824350	1223-Lng-B-T	36	chr5:28824250-28824350
chr5	29017650	29017750	1151-Lng-A-T	60	chr5:29017650-29017750
chr5	29240850	29240950	1188-Lng-A-T	48	chr5:29240850-29240950
chr5	29752850	29752950	1065-Lng-B-T	71	chr5:29752850-29752950
chr5	29783550	29783650	1274-Lng-A-T	65	chr5:29783550-29783650
chr5	29843550	29843650	1065-Lng-A-T	50	chr5:29843550-29843650
chr5	29844650	29844750	1223-Lng-A-T	154	chr5:29844650-29844750
chr5	29845350	29845450	1100-Lng-B-T	71	chr5:29845350-29845450
chr5	29907850	29907950	1274-Lng-A-T	309	chr5:29907850-29907950
chr5	29928750	29928850	1152-Lng-A-T	139	chr5:29928750-29928850
chr5	29975250	29975350	1065-Lng-B-T	53	chr5:29975250-29975350
chr5	29983250	29983350	1065-Lng-B-T	84	chr5:29983250-29983350
chr5	29993450	29993550	901-Lng-B-T	125	chr5:29993450-29993550
chr5	30091850	30091950	1065-Lng-A-T	42	chr5:30091850-30091950
chr5	30107350	30107450	1274-Lng-A-T	68	chr5:30107350-30107450
chr5	30242950	30243050	846-Lng-A-T	196	chr5:30242950-30243050
chr5	30477950	30478050	901-Lng-A-T	136	chr5:30477950-30478050
chr5	30508350	30508450	901-Lng-D-T	189	chr5:30508350-30508450
chr5	30517150	30517250	1065-Lng-A-T	80	chr5:30517150-30517250
chr5	30577350	30577450	1274-Lng-A-T	110	chr5:30577350-30577450
chr5	30606050	30606150	1004-Lng-A-T	88	chr5:30606050-30606150
chr5	30697950	30698050	1065-Lng-B-T	170	chr5:30697950-30698050
chr5	30773250	30773350	901-Lng-C-T	174	chr5:30773250-30773350
chr5	31004950	31005050	901-Lng-B-T	60	chr5:31004950-31005050
chr5	31042550	31042650	1072-Lng-A-T	72	chr5:31042550-31042650
chr5	31049750	31049850	1223-Lng-B-T	41	chr5:31049750-31049850

Table S2: SB Insertion regions

chr5	31163850	31163950	1065-Lng-A-T	50	chr5:31163850-31163950
chr5	31242250	31242350	1223-Lng-D-T	41	chr5:31242250-31242350
chr5	31370050	31370150	901-Lng-C-T	75	chr5:31370050-31370150
chr5	31949850	31949950	846-Lng-A-T	77	chr5:31949850-31949950
chr5	31984450	31984550	1065-Lng-C-T	73	chr5:31984450-31984550
chr5	32095850	32095950	1274-Lng-A-T	91	chr5:32095850-32095950
chr5	32176450	32176550	1004-Lng-A-T	49	chr5:32176450-32176550
chr5	32182750	32182850	1065-Lng-B-T	45	chr5:32182750-32182850
chr5	32264350	32264450	1090-Lng-A-T	60	chr5:32264350-32264450
chr5	32344450	32344550	901-Lng-B-T	50	chr5:32344450-32344550
chr5	32503150	32503250	1004-Lng-A-T	64	chr5:32503150-32503250
chr5	32584850	32584950	1072-Lng-A-T	86	chr5:32584850-32584950
chr5	32661950	32662050	1151-Lng-A-T	71	chr5:32661950-32662050
chr5	32770850	32770950	1100-Lng-A-T	58	chr5:32770850-32770950
chr5	32771050	32771150	1065-Lng-B-T	70	chr5:32771050-32771150
chr5	32776950	32777050	1274-Lng-A-T	84	chr5:32776950-32777050
chr5	32798650	32798750	1072-Lng-A-T	121	chr5:32798650-32798750
chr5	32907850	32907950	1100-Lng-A-T	131	chr5:32907850-32907950
chr5	32941750	32941850	1274-Lng-A-T	151	chr5:32941750-32941850
chr5	32943350	32943450	1152-Lng-A-T	279	chr5:32943350-32943450
chr5	33068150	33068250	1065-Lng-A-T	60	chr5:33068150-33068250
chr5	33069450	33069550	1274-Lng-A-T	148	chr5:33069450-33069550
chr5	33156650	33156750	1065-Lng-A-T	80	chr5:33156650-33156750
chr5	33180050	33180150	901-Lng-C-T	63	chr5:33180050-33180150
chr5	33181350	33181450	1100-Lng-A-T	113	chr5:33181350-33181450
chr5	33299450	33299550	1100-Lng-B-T	55	chr5:33299450-33299550
chr5	33332150	33332250	1100-Lng-A-T	63	chr5:33332150-33332250
chr5	33373350	33373450	1151-Lng-A-T	91	chr5:33373350-33373450
chr5	33620650	33620750	1223-Lng-B-T	76	chr5:33620650-33620750
chr5	33660950	33661050	901-Lng-C-T	242	chr5:33660950-33661050
chr5	33685650	33685750	1223-Lng-B-T	35	chr5:33685650-33685750
chr5	33696950	33697050	1223-Lng-C-T	43	chr5:33696950-33697050
chr5	33819650	33819750	901-Lng-B-T	147	chr5:33819650-33819750
chr5	34093050	34093150	1274-Lng-A-T	121	chr5:34093050-34093150
chr5	34123950	34124050	1151-Lng-A-T	58	chr5:34123950-34124050
chr5	34202850	34202950	1274-Lng-A-T	1042	chr5:34202850-34202950
chr5	34260650	34260750	1151-Lng-A-T	107	chr5:34260650-34260750
chr5	34463350	34463450	1223-Lng-C-T	45	chr5:34463350-34463450
chr5	34569650	34569750	1100-Lng-A-T	53	chr5:34569650-34569750
chr5	34727750	34727850	1152-Lng-A-T	152	chr5:34727750-34727850
chr5	34732750	34732850	1100-Lng-A-T	81	chr5:34732750-34732850
chr5	34735150	34735250	1223-Lng-C-T	45	chr5:34735150-34735250
chr5	34774550	34774650	901-Lng-A-T	54	chr5:34774550-34774650
chr5	34778350	34778450	901-Lng-A-T	96	chr5:34778350-34778450
chr5	34805750	34805850	1274-Lng-A-T	74	chr5:34805750-34805850
chr5	34830150	34830250	1274-Lng-A-T	112	chr5:34830150-34830250

Table S2: SB Insertion regions

chr5	34838250	34838350	1100-Lng-A-T	75	chr5:34838250-34838350
chr5	35009550	35009650	1223-Lng-B-T	48	chr5:35009550-35009650
chr5	35114450	35114550	1223-Lng-C-T	76	chr5:35114450-35114550
chr5	35122450	35122550	901-Lng-C-T	55	chr5:35122450-35122550
chr5	35145550	35145650	1100-Lng-A-T	80	chr5:35145550-35145650
chr5	35212450	35212550	1167-Lng-A-T	49	chr5:35212450-35212550
chr5	35322550	35322650	1274-Lng-A-T	61	chr5:35322550-35322650
chr5	35327750	35327850	1274-Lng-A-T	162	chr5:35327750-35327850
chr5	35439150	35439250	1065-Lng-A-T	61	chr5:35439150-35439250
chr5	35454150	35454250	1223-Lng-D-T	40	chr5:35454150-35454250
chr5	35613350	35613450	1072-Lng-A-T	74	chr5:35613350-35613450
chr5	35957150	35957250	1072-Lng-A-T	49	chr5:35957150-35957250
chr5	36363450	36363550	1065-Lng-A-T	59	chr5:36363450-36363550
chr5	36464550	36464650	901-Lng-A-T	97	chr5:36464550-36464650
chr5	36521650	36521750	1090-Lng-A-T	94	chr5:36521650-36521750
chr5	36685750	36685850	901-Lng-B-T	69	chr5:36685750-36685850
chr5	36696450	36696550	1090-Lng-B-T	277	chr5:36696450-36696550
chr5	37077550	37077650	1100-Lng-A-T	84	chr5:37077550-37077650
chr5	37083950	37084050	1065-Lng-B-T	54	chr5:37083950-37084050
chr5	37085950	37086050	901-Lng-A-T	60	chr5:37085950-37086050
chr5	37821650	37821750	1004-Lng-A-T	85	chr5:37821650-37821750
chr5	37935650	37935750	1188-Lng-A-T	36	chr5:37935650-37935750
chr5	37996950	37997050	1072-Lng-A-T	61	chr5:37996950-37997050
chr5	38479750	38479850	1274-Lng-A-T	222	chr5:38479750-38479850
chr5	38520550	38520650	1100-Lng-B-T	172	chr5:38520550-38520650
chr5	38941550	38941650	1065-Lng-A-T	85	chr5:38941550-38941650
chr5	38942650	38942750	1274-Lng-A-T	50	chr5:38942650-38942750
chr5	39012050	39012150	846-Lng-A-T	97	chr5:39012050-39012150
chr5	39050050	39050150	1072-Lng-A-T	188	chr5:39050050-39050150
chr5	39436850	39436950	1151-Lng-A-T	304	chr5:39436850-39436950
chr5	39556750	39556850	846-Lng-A-T	155	chr5:39556750-39556850
chr5	39646550	39646650	1072-Lng-A-T	112	chr5:39646550-39646650
chr5	39841250	39841350	1065-Lng-A-T	48	chr5:39841250-39841350
chr5	39974850	39974950	1100-Lng-A-T	114	chr5:39974850-39974950
chr5	40000250	40000350	1072-Lng-A-T	72	chr5:40000250-40000350
chr5	40021450	40021550	1223-Lng-C-T	52	chr5:40021450-40021550
chr5	40050950	40051050	1151-Lng-A-T	348	chr5:40050950-40051050
chr5	40139550	40139650	1152-Lng-A-T	66	chr5:40139550-40139650
chr5	40242750	40242850	901-Lng-D-T	553	chr5:40242750-40242850
chr5	40412250	40412350	1223-Lng-D-T	47	chr5:40412250-40412350
chr5	40505550	40505650	1004-Lng-A-T	80	chr5:40505550-40505650
chr5	40594050	40594150	1065-Lng-A-T	74	chr5:40594050-40594150
chr5	40617050	40617150	1004-Lng-A-T	72	chr5:40617050-40617150
chr5	40823450	40823550	1152-Lng-A-T	96	chr5:40823450-40823550
chr5	41000150	41000250	1274-Lng-A-T	54	chr5:41000150-41000250
chr5	41114850	41114950	901-Lng-C-T	69	chr5:41114850-41114950

Table S2: SB Insertion regions

chr5	41176550	41176650	1072-Lng-A-T	90	chr5:41176550-41176650
chr5	41230250	41230350	1223-Lng-B-T	43	chr5:41230250-41230350
chr5	41269650	41269750	1065-Lng-C-T	86	chr5:41269650-41269750
chr5	41440750	41440850	901-Lng-B-T	35	chr5:41440750-41440850
chr5	41477450	41477550	1167-Lng-A-T	58	chr5:41477450-41477550
chr5	41688750	41688850	901-Lng-B-T	146	chr5:41688750-41688850
chr5	41822750	41822850	1065-Lng-A-T	63	chr5:41822750-41822850
chr5	42049350	42049450	1065-Lng-C-T	87	chr5:42049350-42049450
chr5	42105350	42105450	1072-Lng-A-T	60	chr5:42105350-42105450
chr5	42195650	42195750	1004-Lng-A-T	104	chr5:42195650-42195750
chr5	42612350	42612450	1065-Lng-A-T	39	chr5:42612350-42612450
chr5	42817650	42817750	901-Lng-D-T	57	chr5:42817650-42817750
chr5	43004050	43004150	901-Lng-D-T	76	chr5:43004050-43004150
chr5	43032450	43032550	1065-Lng-A-T	95	chr5:43032450-43032550
chr5	43090150	43090250	1274-Lng-A-T	51	chr5:43090150-43090250
chr5	43232250	43232350	1004-Lng-A-T	219	chr5:43232250-43232350
chr5	43371050	43371150	1223-Lng-C-T	45	chr5:43371050-43371150
chr5	43546850	43546950	1152-Lng-A-T	82	chr5:43546850-43546950
chr5	43615350	43615450	1090-Lng-B-T	894	chr5:43615350-43615450
chr5	43645250	43645350	1090-Lng-A-T	53	chr5:43645250-43645350
chr5	43674350	43674450	1223-Lng-D-T	41	chr5:43674350-43674450
chr5	43725150	43725250	901-Lng-B-T	263	chr5:43725150-43725250
chr5	43836350	43836450	901-Lng-A-T	158	chr5:43836350-43836450
chr5	44082050	44082150	901-Lng-C-T	30	chr5:44082050-44082150
chr5	44145050	44145150	1004-Lng-A-T	103	chr5:44145050-44145150
chr5	44166050	44166150	1188-Lng-A-T	43	chr5:44166050-44166150
chr5	44368750	44368850	1151-Lng-A-T	71	chr5:44368750-44368850
chr5	44499950	44500050	1167-Lng-A-T	71	chr5:44499950-44500050
chr5	44591050	44591150	1223-Lng-B-T	144	chr5:44591050-44591150
chr5	44601350	44601450	1223-Lng-A-T	439	chr5:44601350-44601450
chr5	44759350	44759450	1223-Lng-C-T	64	chr5:44759350-44759450
chr5	44855050	44855150	1072-Lng-A-T	74	chr5:44855050-44855150
chr5	44939650	44939750	1223-Lng-D-T	100	chr5:44939650-44939750
chr5	45011950	45012050	1004-Lng-A-T	51	chr5:45011950-45012050
chr5	45019550	45019650	1065-Lng-A-T	123	chr5:45019550-45019650
chr5	45070450	45070550	1274-Lng-A-T	176	chr5:45070450-45070550
chr5	45394150	45394250	1151-Lng-A-T	245	chr5:45394150-45394250
chr5	45522150	45522250	1065-Lng-C-T	94	chr5:45522150-45522250
chr5	45973150	45973250	1072-Lng-A-T	56	chr5:45973150-45973250
chr5	46133850	46133950	1065-Lng-C-T	78	chr5:46133850-46133950
chr5	46149850	46149950	1188-Lng-A-T	38	chr5:46149850-46149950
chr5	46162150	46162250	901-Lng-A-T	177	chr5:46162150-46162250
chr5	46195450	46195550	1152-Lng-A-T	86	chr5:46195450-46195550
chr5	46206250	46206350	1100-Lng-A-T	160	chr5:46206250-46206350
chr5	46234150	46234250	1065-Lng-A-T	122	chr5:46234150-46234250
chr5	46257950	46258050	1100-Lng-B-T	142	chr5:46257950-46258050

Table S2: SB Insertion regions

chr5	46495650	46495750	1100-Lng-A-T	51	chr5:46495650-46495750
chr5	46634250	46634350	1065-Lng-A-T	97	chr5:46634250-46634350
chr5	46721950	46722050	1152-Lng-A-T	39	chr5:46721950-46722050
chr5	46779650	46779750	901-Lng-B-T	185	chr5:46779650-46779750
chr5	46887850	46887950	1004-Lng-A-T	104	chr5:46887850-46887950
chr5	46910450	46910550	1152-Lng-A-T	120	chr5:46910450-46910550
chr5	46910750	46910850	1065-Lng-B-T	68	chr5:46910750-46910850
chr5	46940550	46940650	1152-Lng-A-T	72	chr5:46940550-46940650
chr5	46958150	46958250	901-Lng-B-T	100	chr5:46958150-46958250
chr5	47267550	47267650	846-Lng-A-T	1767	chr5:47267550-47267650
chr5	47351150	47351250	1065-Lng-A-T	72	chr5:47351150-47351250
chr5	47596150	47596250	1004-Lng-A-T	92	chr5:47596150-47596250
chr5	47608150	47608250	846-Lng-A-T	112	chr5:47608150-47608250
chr5	47654650	47654750	1223-Lng-A-T	97	chr5:47654650-47654750
chr5	47741950	47742050	1065-Lng-A-T	81	chr5:47741950-47742050
chr5	47900250	47900350	1065-Lng-A-T	127	chr5:47900250-47900350
chr5	48132250	48132350	1223-Lng-C-T	56	chr5:48132250-48132350
chr5	48178650	48178750	1065-Lng-A-T	78	chr5:48178650-48178750
chr5	48320050	48320150	1100-Lng-A-T	53	chr5:48320050-48320150
chr5	48500650	48500750	901-Lng-A-T	531	chr5:48500650-48500750
chr5	48653450	48653550	1151-Lng-A-T	63	chr5:48653450-48653550
chr5	48665650	48665750	1223-Lng-C-T	46	chr5:48665650-48665750
chr5	48717650	48717750	901-Lng-A-T	231	chr5:48717650-48717750
chr5	48824250	48824350	1065-Lng-B-T	49	chr5:48824250-48824350
chr5	48840950	48841050	901-Lng-B-T	232	chr5:48840950-48841050
chr5	48859650	48859750	1065-Lng-B-T	100	chr5:48859650-48859750
chr5	49643850	49643950	1072-Lng-A-T	107	chr5:49643850-49643950
chr5	49716950	49717050	1004-Lng-A-T	78	chr5:49716950-49717050
chr5	49766950	49767050	1072-Lng-A-T	50	chr5:49766950-49767050
chr5	49981950	49982050	1072-Lng-A-T	224	chr5:49981950-49982050
chr5	50055750	50055850	901-Lng-B-T	89	chr5:50055750-50055850
chr5	50393750	50393850	1072-Lng-A-T	72	chr5:50393750-50393850
chr5	50404250	50404350	1004-Lng-A-T	94	chr5:50404250-50404350
chr5	50420650	50420750	1151-Lng-A-T	63	chr5:50420650-50420750
chr5	50610750	50610850	1274-Lng-A-T	168	chr5:50610750-50610850
chr5	50634150	50634250	1152-Lng-A-T	57	chr5:50634150-50634250
chr5	51009150	51009250	1072-Lng-A-T	58	chr5:51009150-51009250
chr5	51322450	51322550	1065-Lng-B-T	63	chr5:51322450-51322550
chr5	51419350	51419450	1152-Lng-A-T	462	chr5:51419350-51419450
chr5	51446750	51446850	1152-Lng-A-T	103	chr5:51446750-51446850
chr5	51498850	51498950	1274-Lng-A-T	105	chr5:51498850-51498950
chr5	51508650	51508750	1004-Lng-A-T	69	chr5:51508650-51508750
chr5	51666150	51666250	901-Lng-B-T	100	chr5:51666150-51666250
chr5	51709250	51709350	1223-Lng-C-T	45	chr5:51709250-51709350
chr5	51730550	51730650	1090-Lng-A-T	121	chr5:51730550-51730650
chr5	51841050	51841150	846-Lng-A-T	611	chr5:51841050-51841150

Table S2: SB Insertion regions

chr5	51944750	51944850	901-Lng-D-T	547	chr5:51944750-51944850
chr5	52197750	52197850	1274-Lng-A-T	118	chr5:52197750-52197850
chr5	52538650	52538750	1090-Lng-B-T	118	chr5:52538650-52538750
chr5	52553450	52553550	1152-Lng-A-T	103	chr5:52553450-52553550
chr5	52553550	52553650	1065-Lng-B-T	56	chr5:52553550-52553650
chr5	52562450	52562550	901-Lng-D-T	339	chr5:52562450-52562550
chr5	52571850	52571950	901-Lng-C-T	45	chr5:52571850-52571950
chr5	52803650	52803750	1072-Lng-A-T	96	chr5:52803650-52803750
chr5	52804150	52804250	1072-Lng-A-T	52	chr5:52804150-52804250
chr5	52897250	52897350	1223-Lng-C-T	54	chr5:52897250-52897350
chr5	53041750	53041850	901-Lng-A-T	176	chr5:53041750-53041850
chr5	53052050	53052150	1188-Lng-A-T	46	chr5:53052050-53052150
chr5	53059850	53059950	1274-Lng-A-T	51	chr5:53059850-53059950
chr5	53093250	53093350	1065-Lng-C-T	70	chr5:53093250-53093350
chr5	53137150	53137250	1188-Lng-A-T	97	chr5:53137150-53137250
chr5	53137150	53137250	1151-Lng-A-T	2259	chr5:53137150-53137250
chr5	53158150	53158250	1100-Lng-A-T	166	chr5:53158150-53158250
chr5	53160650	53160750	901-Lng-D-T	141	chr5:53160650-53160750
chr5	53166650	53166750	1188-Lng-A-T	135	chr5:53166650-53166750
chr5	53226150	53226250	1274-Lng-A-T	173	chr5:53226150-53226250
chr5	53250750	53250850	1188-Lng-A-T	238	chr5:53250750-53250850
chr5	53269250	53269350	1100-Lng-A-T	51	chr5:53269250-53269350
chr5	53422850	53422950	1188-Lng-A-T	200	chr5:53422850-53422950
chr5	53621450	53621550	1100-Lng-B-T	87	chr5:53621450-53621550
chr5	53798050	53798150	1188-Lng-A-T	232	chr5:53798050-53798150
chr5	53920850	53920950	1100-Lng-A-T	80	chr5:53920850-53920950
chr5	54001350	54001450	1167-Lng-A-T	58	chr5:54001350-54001450
chr5	54002250	54002350	1274-Lng-A-T	206	chr5:54002250-54002350
chr5	54004550	54004650	1223-Lng-A-T	152	chr5:54004550-54004650
chr5	54025150	54025250	1274-Lng-A-T	83	chr5:54025150-54025250
chr5	54032750	54032850	901-Lng-A-T	127	chr5:54032750-54032850
chr5	54034950	54035050	1223-Lng-B-T	226	chr5:54034950-54035050
chr5	54037850	54037950	1065-Lng-B-T	91	chr5:54037850-54037950
chr5	54181050	54181150	901-Lng-A-T	60	chr5:54181050-54181150
chr5	54401050	54401150	1223-Lng-A-T	134	chr5:54401050-54401150
chr5	54415050	54415150	1223-Lng-B-T	35	chr5:54415050-54415150
chr5	54426250	54426350	1065-Lng-C-T	96	chr5:54426250-54426350
chr5	54427350	54427450	1274-Lng-A-T	92	chr5:54427350-54427450
chr5	54429050	54429150	1152-Lng-A-T	187	chr5:54429050-54429150
chr5	54435150	54435250	1100-Lng-A-T	71	chr5:54435150-54435250
chr5	54452650	54452750	1072-Lng-A-T	61	chr5:54452650-54452750
chr5	54475250	54475350	1004-Lng-A-T	94	chr5:54475250-54475350
chr5	54482850	54482950	1065-Lng-B-T	97	chr5:54482850-54482950
chr5	54483050	54483150	1274-Lng-A-T	144	chr5:54483050-54483150
chr5	54491050	54491150	1072-Lng-A-T	179	chr5:54491050-54491150
chr5	54513750	54513850	1274-Lng-A-T	156	chr5:54513750-54513850

Table S2: SB Insertion regions

chr5	54523050	54523150	1004-Lng-A-T	76	chr5:54523050-54523150
chr5	54550350	54550450	1065-Lng-B-T	41	chr5:54550350-54550450
chr5	54837050	54837150	1223-Lng-B-T	37	chr5:54837050-54837150
chr5	54877750	54877850	1223-Lng-B-T	45	chr5:54877750-54877850
chr5	54979550	54979650	1090-Lng-A-T	107	chr5:54979550-54979650
chr5	55227450	55227550	1100-Lng-A-T	102	chr5:55227450-55227550
chr5	55589550	55589650	1223-Lng-B-T	76	chr5:55589550-55589650
chr5	55609450	55609550	901-Lng-B-T	161	chr5:55609450-55609550
chr5	55792050	55792150	1152-Lng-A-T	220	chr5:55792050-55792150
chr5	55955650	55955750	1072-Lng-A-T	147	chr5:55955650-55955750
chr5	55996550	55996650	1223-Lng-A-T	137	chr5:55996550-55996650
chr5	55999750	55999850	1188-Lng-A-T	181	chr5:55999750-55999850
chr5	56066450	56066550	901-Lng-C-T	91	chr5:56066450-56066550
chr5	56149950	56150050	1090-Lng-A-T	124	chr5:56149950-56150050
chr5	56184650	56184750	901-Lng-C-T	173	chr5:56184650-56184750
chr5	56205250	56205350	901-Lng-C-T	63	chr5:56205250-56205350
chr5	56402950	56403050	1100-Lng-A-T	57	chr5:56402950-56403050
chr5	56610550	56610650	846-Lng-A-T	55	chr5:56610550-56610650
chr5	56719950	56720050	1004-Lng-A-T	75	chr5:56719950-56720050
chr5	56982050	56982150	1065-Lng-B-T	60	chr5:56982050-56982150
chr5	57240250	57240350	901-Lng-B-T	262	chr5:57240250-57240350
chr5	57240950	57241050	1072-Lng-A-T	79	chr5:57240950-57241050
chr5	57295150	57295250	1004-Lng-A-T	75	chr5:57295150-57295250
chr5	57323450	57323550	1223-Lng-B-T	230	chr5:57323450-57323550
chr5	57340350	57340450	1004-Lng-A-T	83	chr5:57340350-57340450
chr5	57588850	57588950	1223-Lng-B-T	38	chr5:57588850-57588950
chr5	57710150	57710250	1223-Lng-B-T	35	chr5:57710150-57710250
chr5	57874150	57874250	1065-Lng-A-T	50	chr5:57874150-57874250
chr5	57905350	57905450	1152-Lng-A-T	55	chr5:57905350-57905450
chr5	57933850	57933950	901-Lng-A-T	86	chr5:57933850-57933950
chr5	58021350	58021450	901-Lng-C-T	49	chr5:58021350-58021450
chr5	58187250	58187350	1152-Lng-A-T	184	chr5:58187250-58187350
chr5	58223750	58223850	1090-Lng-A-T	66	chr5:58223750-58223850
chr5	58453150	58453250	1274-Lng-A-T	90	chr5:58453150-58453250
chr5	58499750	58499850	1188-Lng-A-T	49	chr5:58499750-58499850
chr5	58651250	58651350	1004-Lng-A-T	72	chr5:58651250-58651350
chr5	58657450	58657550	901-Lng-B-T	58	chr5:58657450-58657550
chr5	58810750	58810850	1065-Lng-A-T	71	chr5:58810750-58810850
chr5	58918250	58918350	1100-Lng-A-T	105	chr5:58918250-58918350
chr5	59036750	59036850	1004-Lng-A-T	63	chr5:59036750-59036850
chr5	59225850	59225950	1065-Lng-A-T	263	chr5:59225850-59225950
chr5	59245050	59245150	1065-Lng-A-T	791	chr5:59245050-59245150
chr5	59323950	59324050	1100-Lng-A-T	54	chr5:59323950-59324050
chr5	59345150	59345250	1152-Lng-A-T	51	chr5:59345150-59345250
chr5	59458250	59458350	1090-Lng-B-T	1028	chr5:59458250-59458350
chr5	59553150	59553250	1065-Lng-C-T	64	chr5:59553150-59553250

Table S2: SB Insertion regions

chr5	59553650	59553750	1090-Lng-A-T	212	chr5:59553650-59553750
chr5	59680350	59680450	1152-Lng-A-T	42	chr5:59680350-59680450
chr5	59764950	59765050	1152-Lng-A-T	55	chr5:59764950-59765050
chr5	60337350	60337450	901-Lng-B-T	137	chr5:60337350-60337450
chr5	60507050	60507150	901-Lng-C-T	87	chr5:60507050-60507150
chr5	60612850	60612950	1151-Lng-A-T	99	chr5:60612850-60612950
chr5	60690550	60690650	1072-Lng-A-T	75	chr5:60690550-60690650
chr5	60845450	60845550	1004-Lng-A-T	79	chr5:60845450-60845550
chr5	60954450	60954550	1065-Lng-A-T	70	chr5:60954450-60954550
chr5	61069450	61069550	1223-Lng-A-T	98	chr5:61069450-61069550
chr5	61153450	61153550	901-Lng-D-T	105	chr5:61153450-61153550
chr5	61297950	61298050	1152-Lng-A-T	295	chr5:61297950-61298050
chr5	61467650	61467750	1188-Lng-A-T	87	chr5:61467650-61467750
chr5	61604150	61604250	1274-Lng-A-T	68	chr5:61604150-61604250
chr5	61632550	61632650	1004-Lng-A-T	132	chr5:61632550-61632650
chr5	61997350	61997450	1072-Lng-A-T	107	chr5:61997350-61997450
chr5	62042850	62042950	1065-Lng-B-T	53	chr5:62042850-62042950
chr5	62149550	62149650	901-Lng-D-T	436	chr5:62149550-62149650
chr5	62253950	62254050	1152-Lng-A-T	105	chr5:62253950-62254050
chr5	62595750	62595850	1065-Lng-A-T	51	chr5:62595750-62595850
chr5	62858750	62858850	1151-Lng-A-T	331	chr5:62858750-62858850
chr5	62991550	62991650	901-Lng-D-T	436	chr5:62991550-62991650
chr5	63088250	63088350	1223-Lng-A-T	113	chr5:63088250-63088350
chr5	63678250	63678350	1065-Lng-A-T	55	chr5:63678250-63678350
chr5	63679850	63679950	1090-Lng-A-T	46	chr5:63679850-63679950
chr5	63751550	63751650	1065-Lng-C-T	91	chr5:63751550-63751650
chr5	63904650	63904750	1167-Lng-A-T	67	chr5:63904650-63904750
chr5	64066650	64066750	1188-Lng-A-T	60	chr5:64066650-64066750
chr5	64263050	64263150	1274-Lng-A-T	49	chr5:64263050-64263150
chr5	64267350	64267450	1152-Lng-A-T	53	chr5:64267350-64267450
chr5	64402750	64402850	1065-Lng-B-T	62	chr5:64402750-64402850
chr5	64507650	64507750	846-Lng-A-T	94	chr5:64507650-64507750
chr5	64630250	64630350	1223-Lng-A-T	85	chr5:64630250-64630350
chr5	64691250	64691350	1065-Lng-A-T	71	chr5:64691250-64691350
chr5	64747050	64747150	1004-Lng-A-T	111	chr5:64747050-64747150
chr5	65014950	65015050	1100-Lng-A-T	88	chr5:65014950-65015050
chr5	65043350	65043450	1004-Lng-A-T	1030	chr5:65043350-65043450
chr5	65141650	65141750	1223-Lng-B-T	39	chr5:65141650-65141750
chr5	65201750	65201850	1065-Lng-A-T	73	chr5:65201750-65201850
chr5	65215650	65215750	1152-Lng-A-T	67	chr5:65215650-65215750
chr5	65357250	65357350	901-Lng-A-T	434	chr5:65357250-65357350
chr5	65458550	65458650	1065-Lng-C-T	87	chr5:65458550-65458650
chr5	65508550	65508650	1188-Lng-A-T	56	chr5:65508550-65508650
chr5	65512350	65512450	1152-Lng-A-T	42	chr5:65512350-65512450
chr5	65538350	65538450	1274-Lng-A-T	260	chr5:65538350-65538450
chr5	65542750	65542850	1223-Lng-B-T	35	chr5:65542750-65542850

Table S2: SB Insertion regions

chr5	65652250	65652350	1223-Lng-C-T	678	chr5:65652250-65652350
chr5	65670650	65670750	1167-Lng-A-T	106	chr5:65670650-65670750
chr5	65779850	65779950	1152-Lng-A-T	78	chr5:65779850-65779950
chr5	65792550	65792650	1004-Lng-A-T	109	chr5:65792550-65792650
chr5	65794350	65794450	1100-Lng-A-T	53	chr5:65794350-65794450
chr5	65835250	65835350	1274-Lng-A-T	222	chr5:65835250-65835350
chr5	65839350	65839450	1151-Lng-A-T	140	chr5:65839350-65839450
chr5	65869650	65869750	1065-Lng-B-T	55	chr5:65869650-65869750
chr5	65888450	65888550	1151-Lng-A-T	56	chr5:65888450-65888550
chr5	65965650	65965750	901-Lng-D-T	125	chr5:65965650-65965750
chr5	65997250	65997350	846-Lng-A-T	674	chr5:65997250-65997350
chr5	66020250	66020350	1100-Lng-A-T	331	chr5:66020250-66020350
chr5	66053350	66053450	1072-Lng-A-T	113	chr5:66053350-66053450
chr5	66059950	66060050	1223-Lng-B-T	252	chr5:66059950-66060050
chr5	66196650	66196750	1065-Lng-B-T	57	chr5:66196650-66196750
chr5	66386150	66386250	1274-Lng-A-T	134	chr5:66386150-66386250
chr5	66413650	66413750	1274-Lng-A-T	168	chr5:66413650-66413750
chr5	66454050	66454150	1151-Lng-A-T	68	chr5:66454050-66454150
chr5	66476650	66476750	1065-Lng-B-T	45	chr5:66476650-66476750
chr5	66504550	66504650	1152-Lng-A-T	152	chr5:66504550-66504650
chr5	66540450	66540550	1151-Lng-A-T	270	chr5:66540450-66540550
chr5	66580250	66580350	1274-Lng-A-T	81	chr5:66580250-66580350
chr5	66705250	66705350	1274-Lng-A-T	69	chr5:66705250-66705350
chr5	66711750	66711850	1188-Lng-A-T	94	chr5:66711750-66711850
chr5	66717250	66717350	901-Lng-B-T	53	chr5:66717250-66717350
chr5	66725050	66725150	1065-Lng-A-T	91	chr5:66725050-66725150
chr5	66786550	66786650	1065-Lng-C-T	66	chr5:66786550-66786650
chr5	66807050	66807150	1090-Lng-A-T	304	chr5:66807050-66807150
chr5	66829050	66829150	1223-Lng-A-T	105	chr5:66829050-66829150
chr5	66873350	66873450	1167-Lng-A-T	73	chr5:66873350-66873450
chr5	66909450	66909550	1167-Lng-A-T	10899	chr5:66909450-66909550
chr5	66910450	66910550	1100-Lng-A-T	159	chr5:66910450-66910550
chr5	66926650	66926750	1065-Lng-A-T	42	chr5:66926650-66926750
chr5	66948150	66948250	1223-Lng-B-T	36	chr5:66948150-66948250
chr5	66981550	66981650	1274-Lng-A-T	60	chr5:66981550-66981650
chr5	67034050	67034150	1065-Lng-A-T	66	chr5:67034050-67034150
chr5	67124550	67124650	1065-Lng-A-T	61	chr5:67124550-67124650
chr5	67252250	67252350	1223-Lng-C-T	54	chr5:67252250-67252350
chr5	67283150	67283250	1151-Lng-A-T	71	chr5:67283150-67283250
chr5	67308050	67308150	1065-Lng-B-T	200	chr5:67308050-67308150
chr5	67326950	67327050	1223-Lng-D-T	55	chr5:67326950-67327050
chr5	67371950	67372050	1065-Lng-C-T	136	chr5:67371950-67372050
chr5	67693850	67693950	846-Lng-A-T	86	chr5:67693850-67693950
chr5	67721150	67721250	1065-Lng-A-T	64	chr5:67721150-67721250
chr5	67972050	67972150	1065-Lng-B-T	82	chr5:67972050-67972150
chr5	68012550	68012650	1223-Lng-D-T	103	chr5:68012550-68012650

Table S2: SB Insertion regions

chr5	68018650	68018750	1090-Lng-B-T	318	chr5:68018650-68018750
chr5	68051950	68052050	1100-Lng-A-T	144	chr5:68051950-68052050
chr5	68052250	68052350	1065-Lng-A-T	39	chr5:68052250-68052350
chr5	68096450	68096550	901-Lng-A-T	156	chr5:68096450-68096550
chr5	68127050	68127150	1065-Lng-A-T	44	chr5:68127050-68127150
chr5	68138550	68138650	1223-Lng-C-T	1498	chr5:68138550-68138650
chr5	68164150	68164250	901-Lng-A-T	399	chr5:68164150-68164250
chr5	68213150	68213250	1188-Lng-A-T	63	chr5:68213150-68213250
chr5	68219750	68219850	846-Lng-A-T	45	chr5:68219750-68219850
chr5	68222550	68222650	1152-Lng-A-T	277	chr5:68222550-68222650
chr5	68230850	68230950	1274-Lng-A-T	109	chr5:68230850-68230950
chr5	68341850	68341950	1100-Lng-A-T	239	chr5:68341850-68341950
chr5	68710950	68711050	1100-Lng-A-T	143	chr5:68710950-68711050
chr5	69021350	69021450	1065-Lng-B-T	191	chr5:69021350-69021450
chr5	69149650	69149750	1274-Lng-A-T	100	chr5:69149650-69149750
chr5	69250850	69250950	846-Lng-A-T	1459	chr5:69250850-69250950
chr5	69402650	69402750	1151-Lng-A-T	106	chr5:69402650-69402750
chr5	69453250	69453350	1151-Lng-A-T	59	chr5:69453250-69453350
chr5	69698550	69698650	1090-Lng-A-T	78	chr5:69698550-69698650
chr5	69703750	69703850	1223-Lng-B-T	35	chr5:69703750-69703850
chr5	69914850	69914950	1004-Lng-A-T	71	chr5:69914850-69914950
chr5	69966850	69966950	1090-Lng-A-T	58	chr5:69966850-69966950
chr5	70033150	70033250	1152-Lng-A-T	94	chr5:70033150-70033250
chr5	70147350	70147450	1167-Lng-A-T	150	chr5:70147350-70147450
chr5	70218450	70218550	1152-Lng-A-T	224	chr5:70218450-70218550
chr5	70256850	70256950	1065-Lng-C-T	71	chr5:70256850-70256950
chr5	70571550	70571650	901-Lng-A-T	63	chr5:70571550-70571650
chr5	70663950	70664050	1065-Lng-B-T	40	chr5:70663950-70664050
chr5	70726450	70726550	901-Lng-B-T	83	chr5:70726450-70726550
chr5	70732050	70732150	1065-Lng-B-T	63	chr5:70732050-70732150
chr5	70757750	70757850	901-Lng-A-T	106	chr5:70757750-70757850
chr5	70794750	70794850	901-Lng-A-T	66	chr5:70794750-70794850
chr5	70852250	70852350	901-Lng-B-T	48	chr5:70852250-70852350
chr5	70901150	70901250	1004-Lng-A-T	88	chr5:70901150-70901250
chr5	71177950	71178050	1167-Lng-A-T	193	chr5:71177950-71178050
chr5	71367550	71367650	1065-Lng-B-T	63	chr5:71367550-71367650
chr5	71416850	71416950	1090-Lng-B-T	136	chr5:71416850-71416950
chr5	71744850	71744950	901-Lng-C-T	97	chr5:71744850-71744950
chr5	71872750	71872850	1274-Lng-A-T	69	chr5:71872750-71872850
chr5	72089450	72089550	1274-Lng-A-T	83	chr5:72089450-72089550
chr5	72108450	72108550	901-Lng-A-T	68	chr5:72108450-72108550
chr5	72426050	72426150	1223-Lng-A-T	2048	chr5:72426050-72426150
chr5	72625450	72625550	1072-Lng-A-T	127	chr5:72625450-72625550
chr5	72640550	72640650	1065-Lng-B-T	85	chr5:72640550-72640650
chr5	72668750	72668850	1151-Lng-A-T	79	chr5:72668750-72668850
chr5	72748450	72748550	846-Lng-A-T	118	chr5:72748450-72748550

Table S2: SB Insertion regions

chr5	72887550	72887650	901-Lng-A-T	82	chr5:72887550-72887650
chr5	72914950	72915050	1065-Lng-B-T	51	chr5:72914950-72915050
chr5	72932150	72932250	846-Lng-A-T	49	chr5:72932150-72932250
chr5	73239150	73239250	1072-Lng-A-T	95	chr5:73239150-73239250
chr5	73486450	73486550	1151-Lng-A-T	141	chr5:73486450-73486550
chr5	73526150	73526250	1065-Lng-C-T	95	chr5:73526150-73526250
chr5	73590650	73590750	1065-Lng-A-T	40	chr5:73590650-73590750
chr5	73636050	73636150	1188-Lng-A-T	149	chr5:73636050-73636150
chr5	73709450	73709550	1223-Lng-D-T	61	chr5:73709450-73709550
chr5	74122850	74122950	1065-Lng-C-T	70	chr5:74122850-74122950
chr5	74432750	74432850	1223-Lng-D-T	239	chr5:74432750-74432850
chr5	74451950	74452050	1188-Lng-A-T	40	chr5:74451950-74452050
chr5	74456650	74456750	1152-Lng-A-T	53	chr5:74456650-74456750
chr5	74776050	74776150	1223-Lng-A-T	231	chr5:74776050-74776150
chr5	74811950	74812050	1151-Lng-A-T	54	chr5:74811950-74812050
chr5	74951350	74951450	1004-Lng-A-T	53	chr5:74951350-74951450
chr5	74951550	74951650	901-Lng-A-T	161	chr5:74951550-74951650
chr5	74967950	74968050	1065-Lng-C-T	63	chr5:74967950-74968050
chr5	75075450	75075550	1072-Lng-A-T	74	chr5:75075450-75075550
chr5	75140650	75140750	1188-Lng-A-T	36	chr5:75140650-75140750
chr5	75356550	75356650	1065-Lng-A-T	148	chr5:75356550-75356650
chr5	75401650	75401750	901-Lng-A-T	241	chr5:75401650-75401750
chr5	75413450	75413550	1223-Lng-A-T	76	chr5:75413450-75413550
chr5	75431150	75431250	1167-Lng-A-T	45	chr5:75431150-75431250
chr5	75932550	75932650	1065-Lng-B-T	43	chr5:75932550-75932650
chr5	76009350	76009450	1152-Lng-A-T	68	chr5:76009350-76009450
chr5	76365650	76365750	1223-Lng-C-T	47	chr5:76365650-76365750
chr5	76379650	76379750	1274-Lng-A-T	108	chr5:76379650-76379750
chr5	76533350	76533450	1223-Lng-C-T	46	chr5:76533350-76533450
chr5	76725750	76725850	1274-Lng-A-T	181	chr5:76725750-76725850
chr5	77021650	77021750	846-Lng-A-T	169	chr5:77021650-77021750
chr5	77156150	77156250	1090-Lng-A-T	93	chr5:77156150-77156250
chr5	77356650	77356750	1151-Lng-A-T	54	chr5:77356650-77356750
chr5	77390250	77390350	1100-Lng-A-T	188	chr5:77390250-77390350
chr5	77754450	77754550	901-Lng-D-T	211	chr5:77754450-77754550
chr5	78240550	78240650	1100-Lng-B-T	108	chr5:78240550-78240650
chr5	78336350	78336450	1065-Lng-B-T	90	chr5:78336350-78336450
chr5	78374150	78374250	901-Lng-D-T	120	chr5:78374150-78374250
chr5	78410050	78410150	1223-Lng-B-T	44	chr5:78410050-78410150
chr5	79033650	79033750	846-Lng-A-T	162	chr5:79033650-79033750
chr5	79103650	79103750	1274-Lng-A-T	56	chr5:79103650-79103750
chr5	79273450	79273550	1223-Lng-B-T	42	chr5:79273450-79273550
chr5	79341750	79341850	1152-Lng-A-T	41	chr5:79341750-79341850
chr5	79558850	79558950	901-Lng-D-T	66	chr5:79558850-79558950
chr5	79820650	79820750	1065-Lng-B-T	49	chr5:79820650-79820750
chr5	80000550	80000650	1152-Lng-A-T	116	chr5:80000550-80000650

Table S2: SB Insertion regions

chr5	80192650	80192750	1065-Lng-A-T	73	chr5:80192650-80192750
chr5	80242650	80242750	1152-Lng-A-T	123	chr5:80242650-80242750
chr5	80399350	80399450	1151-Lng-A-T	55	chr5:80399350-80399450
chr5	80427650	80427750	1152-Lng-A-T	125	chr5:80427650-80427750
chr5	80458850	80458950	1188-Lng-A-T	39	chr5:80458850-80458950
chr5	80648050	80648150	1004-Lng-A-T	87	chr5:80648050-80648150
chr5	80648250	80648350	1223-Lng-B-T	41	chr5:80648250-80648350
chr5	80685250	80685350	1223-Lng-D-T	53	chr5:80685250-80685350
chr5	80772250	80772350	1065-Lng-C-T	66	chr5:80772250-80772350
chr5	80783450	80783550	1152-Lng-A-T	61	chr5:80783450-80783550
chr5	80875350	80875450	901-Lng-B-T	173	chr5:80875350-80875450
chr5	81063450	81063550	901-Lng-A-T	108	chr5:81063450-81063550
chr5	81131650	81131750	901-Lng-A-T	114	chr5:81131650-81131750
chr5	81414550	81414650	1065-Lng-B-T	118	chr5:81414550-81414650
chr5	81592150	81592250	1223-Lng-C-T	45	chr5:81592150-81592250
chr5	81655050	81655150	846-Lng-A-T	166	chr5:81655050-81655150
chr5	81661150	81661250	1090-Lng-A-T	867	chr5:81661150-81661250
chr5	81769750	81769850	1274-Lng-A-T	49	chr5:81769750-81769850
chr5	81792650	81792750	1152-Lng-A-T	36	chr5:81792650-81792750
chr5	81946650	81946750	901-Lng-B-T	38	chr5:81946650-81946750
chr5	82385650	82385750	1100-Lng-A-T	66	chr5:82385650-82385750
chr5	82475550	82475650	1065-Lng-A-T	58	chr5:82475550-82475650
chr5	82538650	82538750	1090-Lng-A-T	106	chr5:82538650-82538750
chr5	82699350	82699450	1188-Lng-A-T	44	chr5:82699350-82699450
chr5	82753450	82753550	1065-Lng-B-T	39	chr5:82753450-82753550
chr5	82801850	82801950	901-Lng-A-T	113	chr5:82801850-82801950
chr5	82803750	82803850	1152-Lng-A-T	95	chr5:82803750-82803850
chr5	82852550	82852650	1188-Lng-A-T	79	chr5:82852550-82852650
chr5	82900050	82900150	1065-Lng-A-T	109	chr5:82900050-82900150
chr5	83427150	83427250	1223-Lng-A-T	71	chr5:83427150-83427250
chr5	83486950	83487050	1090-Lng-B-T	289	chr5:83486950-83487050
chr5	83503350	83503450	1188-Lng-A-T	228	chr5:83503350-83503450
chr5	83564250	83564350	1090-Lng-A-T	871	chr5:83564250-83564350
chr5	83655550	83655650	1072-Lng-A-T	66	chr5:83655550-83655650
chr5	83738350	83738450	1090-Lng-A-T	85	chr5:83738350-83738450
chr5	83943650	83943750	1223-Lng-A-T	165	chr5:83943650-83943750
chr5	84027850	84027950	1004-Lng-A-T	62	chr5:84027850-84027950
chr5	84076250	84076350	1072-Lng-A-T	275	chr5:84076250-84076350
chr5	84153350	84153450	1167-Lng-A-T	55	chr5:84153350-84153450
chr5	84172650	84172750	846-Lng-A-T	131	chr5:84172650-84172750
chr5	84208150	84208250	901-Lng-A-T	457	chr5:84208150-84208250
chr5	84373250	84373350	1274-Lng-A-T	55	chr5:84373250-84373350
chr5	84387550	84387650	901-Lng-B-T	87	chr5:84387550-84387650
chr5	84520450	84520550	901-Lng-B-T	261	chr5:84520450-84520550
chr5	84811350	84811450	1004-Lng-A-T	66	chr5:84811350-84811450
chr5	84851750	84851850	1090-Lng-A-T	65	chr5:84851750-84851850

Table S2: SB Insertion regions

chr5	84889350	84889450	1223-Lng-B-T	55	chr5:84889350-84889450
chr5	85023050	85023150	1100-Lng-A-T	75	chr5:85023050-85023150
chr5	85135450	85135550	1090-Lng-A-T	113	chr5:85135450-85135550
chr5	85283550	85283650	901-Lng-C-T	31	chr5:85283550-85283650
chr5	85431350	85431450	1065-Lng-B-T	59	chr5:85431350-85431450
chr5	85461550	85461650	1223-Lng-B-T	63	chr5:85461550-85461650
chr5	85517850	85517950	1065-Lng-A-T	81	chr5:85517850-85517950
chr5	85585850	85585950	1065-Lng-B-T	74	chr5:85585850-85585950
chr5	85767150	85767250	901-Lng-A-T	123	chr5:85767150-85767250
chr5	85914550	85914650	1065-Lng-A-T	114	chr5:85914550-85914650
chr5	86140650	86140750	1223-Lng-B-T	35	chr5:86140650-86140750
chr5	86193750	86193850	1100-Lng-B-T	50	chr5:86193750-86193850
chr5	86230750	86230850	901-Lng-A-T	50	chr5:86230750-86230850
chr5	86313850	86313950	1090-Lng-A-T	62	chr5:86313850-86313950
chr5	86491950	86492050	1065-Lng-B-T	67	chr5:86491950-86492050
chr5	86543850	86543950	1072-Lng-A-T	52	chr5:86543850-86543950
chr5	86923350	86923450	901-Lng-B-T	153	chr5:86923350-86923450
chr5	86926850	86926950	1090-Lng-A-T	46	chr5:86926850-86926950
chr5	87014750	87014850	901-Lng-A-T	90	chr5:87014750-87014850
chr5	87193950	87194050	901-Lng-A-T	95	chr5:87193950-87194050
chr5	87219150	87219250	1072-Lng-A-T	64	chr5:87219150-87219250
chr5	87242050	87242150	1065-Lng-B-T	48	chr5:87242050-87242150
chr5	87246650	87246750	901-Lng-C-T	29	chr5:87246650-87246750
chr5	87261350	87261450	1223-Lng-B-T	34	chr5:87261350-87261450
chr5	87340450	87340550	1274-Lng-A-T	80	chr5:87340450-87340550
chr5	87506650	87506750	1188-Lng-A-T	34	chr5:87506650-87506750
chr5	87991650	87991750	1065-Lng-A-T	36	chr5:87991650-87991750
chr5	88154350	88154450	1274-Lng-A-T	63	chr5:88154350-88154450
chr5	88396350	88396450	1072-Lng-A-T	111	chr5:88396350-88396450
chr5	88508150	88508250	1065-Lng-B-T	198	chr5:88508150-88508250
chr5	88562650	88562750	1065-Lng-C-T	85	chr5:88562650-88562750
chr5	88613550	88613650	1151-Lng-A-T	57	chr5:88613550-88613650
chr5	89000850	89000950	1223-Lng-C-T	414	chr5:89000850-89000950
chr5	89021050	89021150	901-Lng-A-T	58	chr5:89021050-89021150
chr5	89031850	89031950	1090-Lng-A-T	147	chr5:89031850-89031950
chr5	89058850	89058950	1223-Lng-B-T	270	chr5:89058850-89058950
chr5	89088150	89088250	1065-Lng-A-T	155	chr5:89088150-89088250
chr5	89095150	89095250	1004-Lng-A-T	80	chr5:89095150-89095250
chr5	89159050	89159150	1188-Lng-A-T	218	chr5:89159050-89159150
chr5	89176950	89177050	1090-Lng-A-T	52	chr5:89176950-89177050
chr5	89177450	89177550	1188-Lng-A-T	36	chr5:89177450-89177550
chr5	89178950	89179050	1100-Lng-A-T	136	chr5:89178950-89179050
chr5	89339350	89339450	1223-Lng-C-T	62	chr5:89339350-89339450
chr5	89396250	89396350	1004-Lng-A-T	78	chr5:89396250-89396350
chr5	89408650	89408750	1223-Lng-D-T	43	chr5:89408650-89408750
chr5	89418750	89418850	1223-Lng-B-T	242	chr5:89418750-89418850

Table S2: SB Insertion regions

chr5	90187050	90187150	1152-Lng-A-T	55	chr5:90187050-90187150
chr5	90298250	90298350	1223-Lng-B-T	34	chr5:90298250-90298350
chr5	90489950	90490050	1065-Lng-B-T	46	chr5:90489950-90490050
chr5	90712750	90712850	1274-Lng-A-T	132	chr5:90712750-90712850
chr5	90721150	90721250	1065-Lng-C-T	66	chr5:90721150-90721250
chr5	90755950	90756050	1274-Lng-A-T	58	chr5:90755950-90756050
chr5	90772150	90772250	1065-Lng-B-T	47	chr5:90772150-90772250
chr5	90805350	90805450	1151-Lng-A-T	157	chr5:90805350-90805450
chr5	90889150	90889250	1004-Lng-A-T	115	chr5:90889150-90889250
chr5	91056250	91056350	1223-Lng-D-T	54	chr5:91056250-91056350
chr5	91062350	91062450	1100-Lng-B-T	7491	chr5:91062350-91062450
chr5	91065250	91065350	1223-Lng-A-T	103	chr5:91065250-91065350
chr5	91138250	91138350	901-Lng-B-T	235	chr5:91138250-91138350
chr5	91161750	91161850	1100-Lng-B-T	61	chr5:91161750-91161850
chr5	91186850	91186950	901-Lng-C-T	39	chr5:91186850-91186950
chr5	91223650	91223750	1151-Lng-A-T	13552	chr5:91223650-91223750
chr5	91233250	91233350	1274-Lng-A-T	237	chr5:91233250-91233350
chr5	91353350	91353450	1065-Lng-B-T	69	chr5:91353350-91353450
chr5	91365550	91365650	1004-Lng-A-T	70	chr5:91365550-91365650
chr5	91366350	91366450	1167-Lng-A-T	51	chr5:91366350-91366450
chr5	91369050	91369150	1223-Lng-D-T	43	chr5:91369050-91369150
chr5	91447850	91447950	1223-Lng-C-T	73	chr5:91447850-91447950
chr5	91533250	91533350	901-Lng-B-T	939	chr5:91533250-91533350
chr5	91611050	91611150	901-Lng-B-T	274	chr5:91611050-91611150
chr5	91673350	91673450	1004-Lng-A-T	62	chr5:91673350-91673450
chr5	91715450	91715550	1004-Lng-A-T	104	chr5:91715450-91715550
chr5	91859550	91859650	1004-Lng-A-T	91	chr5:91859550-91859650
chr5	92452050	92452150	1090-Lng-B-T	601	chr5:92452050-92452150
chr5	92476750	92476850	1090-Lng-A-T	48	chr5:92476750-92476850
chr5	92486150	92486250	1167-Lng-A-T	136	chr5:92486150-92486250
chr5	92604550	92604650	1065-Lng-B-T	112	chr5:92604550-92604650
chr5	92611450	92611550	1188-Lng-A-T	39	chr5:92611450-92611550
chr5	92618150	92618250	1223-Lng-B-T	44	chr5:92618150-92618250
chr5	92892450	92892550	1223-Lng-D-T	40	chr5:92892450-92892550
chr5	92900550	92900650	1223-Lng-B-T	74	chr5:92900550-92900650
chr5	92903850	92903950	901-Lng-A-T	386	chr5:92903850-92903950
chr5	92932150	92932250	1065-Lng-C-T	1792	chr5:92932150-92932250
chr5	93120650	93120750	1223-Lng-A-T	105	chr5:93120650-93120750
chr5	93245650	93245750	1274-Lng-A-T	306	chr5:93245650-93245750
chr5	93274550	93274650	901-Lng-B-T	89	chr5:93274550-93274650
chr5	93362850	93362950	901-Lng-B-T	144	chr5:93362850-93362950
chr5	93365950	93366050	1100-Lng-A-T	188	chr5:93365950-93366050
chr5	93387950	93388050	901-Lng-A-T	57	chr5:93387950-93388050
chr5	93466950	93467050	1151-Lng-A-T	570	chr5:93466950-93467050
chr5	93476350	93476450	1090-Lng-A-T	60	chr5:93476350-93476450
chr5	93528550	93528650	901-Lng-C-T	39	chr5:93528550-93528650

Table S2: SB Insertion regions

chr5	93544250	93544350	1090-Lng-A-T	52	chr5:93544250-93544350
chr5	93613650	93613750	1274-Lng-A-T	109	chr5:93613650-93613750
chr5	93626750	93626850	1065-Lng-C-T	86	chr5:93626750-93626850
chr5	93634150	93634250	1151-Lng-A-T	125	chr5:93634150-93634250
chr5	93666050	93666150	1274-Lng-A-T	57	chr5:93666050-93666150
chr5	94050550	94050650	1065-Lng-C-T	96	chr5:94050550-94050650
chr5	94053850	94053950	901-Lng-B-T	37	chr5:94053850-94053950
chr5	94120750	94120850	1090-Lng-A-T	94	chr5:94120750-94120850
chr5	94897450	94897550	1223-Lng-B-T	214	chr5:94897450-94897550
chr5	95124350	95124450	901-Lng-D-T	311	chr5:95124350-95124450
chr5	95932950	95933050	1100-Lng-A-T	63	chr5:95932950-95933050
chr5	96339650	96339750	1223-Lng-C-T	43	chr5:96339650-96339750
chr5	96559850	96559950	1004-Lng-A-T	500	chr5:96559850-96559950
chr5	96586850	96586950	901-Lng-B-T	179	chr5:96586850-96586950
chr5	96696250	96696350	1152-Lng-A-T	129	chr5:96696250-96696350
chr5	96966750	96966850	1090-Lng-A-T	80	chr5:96966750-96966850
chr5	97039250	97039350	1223-Lng-A-T	115	chr5:97039250-97039350
chr5	97147750	97147850	901-Lng-C-T	37	chr5:97147750-97147850
chr5	97237550	97237650	1100-Lng-A-T	73	chr5:97237550-97237650
chr5	97241250	97241350	1223-Lng-A-T	1533	chr5:97241250-97241350
chr5	97262750	97262850	1274-Lng-A-T	132	chr5:97262750-97262850
chr5	97435350	97435450	1004-Lng-A-T	255	chr5:97435350-97435450
chr5	97454050	97454150	1065-Lng-B-T	64	chr5:97454050-97454150
chr5	97464150	97464250	1188-Lng-A-T	35	chr5:97464150-97464250
chr5	97847750	97847850	1065-Lng-C-T	93	chr5:97847750-97847850
chr5	97872050	97872150	1274-Lng-A-T	59	chr5:97872050-97872150
chr5	97955350	97955450	1072-Lng-A-T	49	chr5:97955350-97955450
chr5	98052350	98052450	1274-Lng-A-T	58	chr5:98052350-98052450
chr5	98337550	98337650	1152-Lng-A-T	298	chr5:98337550-98337650
chr5	98427250	98427350	1004-Lng-A-T	52	chr5:98427250-98427350
chr5	98453350	98453450	1223-Lng-B-T	154	chr5:98453350-98453450
chr5	98453350	98453450	1223-Lng-C-T	46	chr5:98453350-98453450
chr5	98683650	98683750	901-Lng-A-T	211	chr5:98683650-98683750
chr5	98690250	98690350	1072-Lng-A-T	66	chr5:98690250-98690350
chr5	98793350	98793450	1065-Lng-C-T	94	chr5:98793350-98793450
chr5	98846350	98846450	901-Lng-A-T	59	chr5:98846350-98846450
chr5	99109950	99110050	901-Lng-C-T	159	chr5:99109950-99110050
chr5	99248450	99248550	1167-Lng-A-T	52	chr5:99248450-99248550
chr5	99268350	99268450	901-Lng-A-T	210	chr5:99268350-99268450
chr5	99290350	99290450	901-Lng-D-T	167	chr5:99290350-99290450
chr5	99293750	99293850	901-Lng-D-T	144	chr5:99293750-99293850
chr5	99501150	99501250	901-Lng-A-T	116	chr5:99501150-99501250
chr5	99648450	99648550	1065-Lng-A-T	61	chr5:99648450-99648550
chr5	100323350	100323450	1090-Lng-A-T	73	chr5:100323350-100323450
chr5	100381450	100381550	901-Lng-A-T	75	chr5:100381450-100381550
chr5	100503150	100503250	1274-Lng-A-T	56	chr5:100503150-100503250

Table S2: SB Insertion regions

chr5	100823250	100823350	1188-Lng-A-T	41	chr5:100823250-100823350
chr5	101041150	101041250	1152-Lng-A-T	72	chr5:101041150-101041250
chr5	101632850	101632950	901-Lng-A-T	138	chr5:101632850-101632950
chr5	101652250	101652350	1065-Lng-A-T	131	chr5:101652250-101652350
chr5	101932550	101932650	1065-Lng-B-T	67	chr5:101932550-101932650
chr5	102030850	102030950	901-Lng-B-T	87	chr5:102030850-102030950
chr5	102072350	102072450	901-Lng-A-T	50	chr5:102072350-102072450
chr5	102096150	102096250	901-Lng-A-T	288	chr5:102096150-102096250
chr5	102203150	102203250	1065-Lng-B-T	100	chr5:102203150-102203250
chr5	102215650	102215750	901-Lng-A-T	131	chr5:102215650-102215750
chr5	102253350	102253450	1152-Lng-A-T	112	chr5:102253350-102253450
chr5	102348550	102348650	1223-Lng-A-T	59	chr5:102348550-102348650
chr5	102436650	102436750	1100-Lng-A-T	130	chr5:102436650-102436750
chr5	102460950	102461050	1072-Lng-A-T	61	chr5:102460950-102461050
chr5	102474150	102474250	1188-Lng-A-T	49	chr5:102474150-102474250
chr5	102480350	102480450	846-Lng-A-T	1679	chr5:102480350-102480450
chr5	102480450	102480550	1274-Lng-A-T	238	chr5:102480450-102480550
chr5	103000650	103000750	1151-Lng-A-T	193	chr5:103000650-103000750
chr5	103102250	103102350	1100-Lng-A-T	104	chr5:103102250-103102350
chr5	103448550	103448650	901-Lng-A-T	108	chr5:103448550-103448650
chr5	103895850	103895950	1004-Lng-A-T	83	chr5:103895850-103895950
chr5	103916750	103916850	1100-Lng-A-T	86	chr5:103916750-103916850
chr5	104029750	104029850	901-Lng-D-T	155	chr5:104029750-104029850
chr5	104109950	104110050	1274-Lng-A-T	86	chr5:104109950-104110050
chr5	104123050	104123150	1065-Lng-B-T	63	chr5:104123050-104123150
chr5	104137450	104137550	1274-Lng-A-T	70	chr5:104137450-104137550
chr5	104143050	104143150	1090-Lng-B-T	647	chr5:104143050-104143150
chr5	104149850	104149950	1100-Lng-A-T	85	chr5:104149850-104149950
chr5	104178450	104178550	1151-Lng-A-T	293	chr5:104178450-104178550
chr5	104185650	104185750	1188-Lng-A-T	299	chr5:104185650-104185750
chr5	104230650	104230750	901-Lng-A-T	106	chr5:104230650-104230750
chr5	104234850	104234950	1274-Lng-A-T	159	chr5:104234850-104234950
chr5	104251950	104252050	1151-Lng-A-T	56	chr5:104251950-104252050
chr5	104255550	104255650	1072-Lng-A-T	144	chr5:104255550-104255650
chr5	104439950	104440050	1151-Lng-A-T	64	chr5:104439950-104440050
chr5	104448550	104448650	1065-Lng-A-T	42	chr5:104448550-104448650
chr5	104897650	104897750	901-Lng-C-T	48	chr5:104897650-104897750
chr5	104915850	104915950	1188-Lng-A-T	34	chr5:104915850-104915950
chr5	105002850	105002950	901-Lng-A-T	113	chr5:105002850-105002950
chr5	105158350	105158450	901-Lng-C-T	125	chr5:105158350-105158450
chr5	105277350	105277450	1223-Lng-B-T	35	chr5:105277350-105277450
chr5	105288150	105288250	1065-Lng-B-T	59	chr5:105288150-105288250
chr5	105572950	105573050	1151-Lng-A-T	81	chr5:105572950-105573050
chr5	105680550	105680650	901-Lng-C-T	38	chr5:105680550-105680650
chr5	105788350	105788450	901-Lng-C-T	33	chr5:105788350-105788450
chr5	105982350	105982450	1100-Lng-A-T	126	chr5:105982350-105982450

Table S2: SB Insertion regions

chr5	106264050	106264150	1223-Lng-C-T	50	chr5:106264050-106264150
chr5	106316550	106316650	1151-Lng-A-T	209	chr5:106316550-106316650
chr5	106326350	106326450	1100-Lng-A-T	183	chr5:106326350-106326450
chr5	106329250	106329350	1223-Lng-D-T	79	chr5:106329250-106329350
chr5	106338150	106338250	1223-Lng-C-T	44	chr5:106338150-106338250
chr5	106445650	106445750	1188-Lng-A-T	34	chr5:106445650-106445750
chr5	107077250	107077350	901-Lng-D-T	1032	chr5:107077250-107077350
chr5	107104050	107104150	1004-Lng-A-T	88	chr5:107104050-107104150
chr5	107289350	107289450	1065-Lng-A-T	59	chr5:107289350-107289450
chr5	107420850	107420950	1072-Lng-A-T	122	chr5:107420850-107420950
chr5	107452550	107452650	901-Lng-B-T	293	chr5:107452550-107452650
chr5	107551650	107551750	1100-Lng-A-T	58	chr5:107551650-107551750
chr5	107878950	107879050	1072-Lng-A-T	117	chr5:107878950-107879050
chr5	107923050	107923150	1167-Lng-A-T	139	chr5:107923050-107923150
chr5	108017450	108017550	1223-Lng-A-T	124	chr5:108017450-108017550
chr5	108057450	108057550	1065-Lng-A-T	56	chr5:108057450-108057550
chr5	108205450	108205550	1072-Lng-A-T	63	chr5:108205450-108205550
chr5	108221350	108221450	1223-Lng-B-T	43	chr5:108221350-108221450
chr5	108394350	108394450	846-Lng-A-T	73	chr5:108394350-108394450
chr5	108525450	108525550	1065-Lng-A-T	45	chr5:108525450-108525550
chr5	108549550	108549650	901-Lng-C-T	158	chr5:108549550-108549650
chr5	108699650	108699750	1100-Lng-A-T	51	chr5:108699650-108699750
chr5	108700150	108700250	1151-Lng-A-T	155	chr5:108700150-108700250
chr5	108892350	108892450	1065-Lng-C-T	102	chr5:108892350-108892450
chr5	108897450	108897550	901-Lng-B-T	74	chr5:108897450-108897550
chr5	108907250	108907350	1223-Lng-B-T	398	chr5:108907250-108907350
chr5	109015650	109015750	1274-Lng-A-T	133	chr5:109015650-109015750
chr5	109025850	109025950	1090-Lng-A-T	60	chr5:109025850-109025950
chr5	109050750	109050850	1188-Lng-A-T	305	chr5:109050750-109050850
chr5	109062650	109062750	1065-Lng-B-T	159	chr5:109062650-109062750
chr5	109068950	109069050	1188-Lng-A-T	214	chr5:109068950-109069050
chr5	109074550	109074650	1151-Lng-A-T	72	chr5:109074550-109074650
chr5	109485150	109485250	901-Lng-C-T	61	chr5:109485150-109485250
chr5	109566150	109566250	1004-Lng-A-T	450	chr5:109566150-109566250
chr5	109687850	109687950	1065-Lng-A-T	42	chr5:109687850-109687950
chr5	110218350	110218450	1223-Lng-B-T	49	chr5:110218350-110218450
chr5	110609650	110609750	1151-Lng-A-T	190	chr5:110609650-110609750
chr5	110616850	110616950	901-Lng-C-T	1388	chr5:110616850-110616950
chr5	110631150	110631250	901-Lng-A-T	116	chr5:110631150-110631250
chr5	110667150	110667250	1065-Lng-A-T	208	chr5:110667150-110667250
chr5	110720950	110721050	1223-Lng-B-T	89	chr5:110720950-110721050
chr5	110856250	110856350	901-Lng-B-T	95	chr5:110856250-110856350
chr5	110878050	110878150	901-Lng-C-T	50	chr5:110878050-110878150
chr5	111197050	111197150	1274-Lng-A-T	112	chr5:111197050-111197150
chr5	111201250	111201350	1072-Lng-A-T	93	chr5:111201250-111201350
chr5	111246650	111246750	1274-Lng-A-T	56	chr5:111246650-111246750

Table S2: SB Insertion regions

chr5	111387250	111387350	1151-Lng-A-T	87	chr5:111387250-111387350
chr5	111458550	111458650	1167-Lng-A-T	218	chr5:111458550-111458650
chr5	111552950	111553050	901-Lng-A-T	73	chr5:111552950-111553050
chr5	111655850	111655950	901-Lng-D-T	174	chr5:111655850-111655950
chr5	111808350	111808450	1004-Lng-A-T	323	chr5:111808350-111808450
chr5	111822850	111822950	901-Lng-A-T	102	chr5:111822850-111822950
chr5	111872650	111872750	1090-Lng-A-T	57	chr5:111872650-111872750
chr5	112711050	112711150	1151-Lng-A-T	74	chr5:112711050-112711150
chr5	112770850	112770950	1090-Lng-A-T	284	chr5:112770850-112770950
chr5	113051450	113051550	1065-Lng-C-T	70	chr5:113051450-113051550
chr5	113359950	113360050	1152-Lng-A-T	33	chr5:113359950-113360050
chr5	113426450	113426550	1274-Lng-A-T	71	chr5:113426450-113426550
chr5	113752950	113753050	1274-Lng-A-T	102	chr5:113752950-113753050
chr5	113873950	113874050	1065-Lng-B-T	48	chr5:113873950-113874050
chr5	114076650	114076750	901-Lng-A-T	87	chr5:114076650-114076750
chr5	114277450	114277550	901-Lng-B-T	92	chr5:114277450-114277550
chr5	114358050	114358150	1072-Lng-A-T	72	chr5:114358050-114358150
chr5	114411850	114411950	1090-Lng-B-T	583	chr5:114411850-114411950
chr5	114457550	114457650	1065-Lng-C-T	630	chr5:114457550-114457650
chr5	114493550	114493650	1004-Lng-A-T	323	chr5:114493550-114493650
chr5	114728750	114728850	1274-Lng-A-T	118	chr5:114728750-114728850
chr5	114745950	114746050	1065-Lng-A-T	88	chr5:114745950-114746050
chr5	115139550	115139650	1090-Lng-A-T	158	chr5:115139550-115139650
chr5	115468650	115468750	1151-Lng-A-T	87	chr5:115468650-115468750
chr5	115506950	115507050	1152-Lng-A-T	55	chr5:115506950-115507050
chr5	115597350	115597450	1065-Lng-B-T	77	chr5:115597350-115597450
chr5	115689350	115689450	1188-Lng-A-T	54	chr5:115689350-115689450
chr5	115726850	115726950	1167-Lng-A-T	76	chr5:115726850-115726950
chr5	115797350	115797450	1100-Lng-A-T	147	chr5:115797350-115797450
chr5	116005950	116006050	1072-Lng-A-T	193	chr5:116005950-116006050
chr5	116441050	116441150	1223-Lng-B-T	305	chr5:116441050-116441150
chr5	116744450	116744550	1100-Lng-A-T	126	chr5:116744450-116744550
chr5	116965350	116965450	1167-Lng-A-T	83	chr5:116965350-116965450
chr5	117048950	117049050	901-Lng-A-T	435	chr5:117048950-117049050
chr5	117196750	117196850	1065-Lng-B-T	202	chr5:117196750-117196850
chr5	117215350	117215450	1004-Lng-A-T	62	chr5:117215350-117215450
chr5	117225650	117225750	1065-Lng-C-T	95	chr5:117225650-117225750
chr5	117334250	117334350	1274-Lng-A-T	118	chr5:117334250-117334350
chr5	117396850	117396950	1004-Lng-A-T	103	chr5:117396850-117396950
chr5	117574950	117575050	1274-Lng-A-T	64	chr5:117574950-117575050
chr5	117625250	117625350	901-Lng-D-T	387	chr5:117625250-117625350
chr5	117811550	117811650	1065-Lng-C-T	68	chr5:117811550-117811650
chr5	117822050	117822150	1065-Lng-C-T	66	chr5:117822050-117822150
chr5	117989050	117989150	1223-Lng-D-T	48	chr5:117989050-117989150
chr5	118561550	118561650	1223-Lng-A-T	779	chr5:118561550-118561650
chr5	118566150	118566250	1065-Lng-B-T	41	chr5:118566150-118566250

Table S2: SB Insertion regions

chr5	118726050	118726150	1065-Lng-A-T	51	chr5:118726050-118726150
chr5	118817550	118817650	901-Lng-A-T	92	chr5:118817550-118817650
chr5	118847950	118848050	1223-Lng-C-T	51	chr5:118847950-118848050
chr5	118908650	118908750	1004-Lng-A-T	742	chr5:118908650-118908750
chr5	119055850	119055950	1065-Lng-B-T	58	chr5:119055850-119055950
chr5	119081350	119081450	901-Lng-C-T	55	chr5:119081350-119081450
chr5	119098350	119098450	1065-Lng-B-T	39	chr5:119098350-119098450
chr5	119367650	119367750	1065-Lng-A-T	88	chr5:119367650-119367750
chr5	119400150	119400250	1004-Lng-A-T	75	chr5:119400150-119400250
chr5	119425650	119425750	1152-Lng-A-T	34	chr5:119425650-119425750
chr5	119776650	119776750	901-Lng-D-T	163	chr5:119776650-119776750
chr5	121037650	121037750	1223-Lng-D-T	47	chr5:121037650-121037750
chr5	121762150	121762250	1004-Lng-A-T	52	chr5:121762150-121762250
chr5	121768850	121768950	901-Lng-C-T	229	chr5:121768850-121768950
chr5	121792250	121792350	1274-Lng-A-T	173	chr5:121792250-121792350
chr5	121891950	121892050	901-Lng-C-T	48	chr5:121891950-121892050
chr5	121948150	121948250	1274-Lng-A-T	51	chr5:121948150-121948250
chr5	121949350	121949450	1065-Lng-A-T	79	chr5:121949350-121949450
chr5	122120650	122120750	1223-Lng-B-T	54	chr5:122120650-122120750
chr5	122181750	122181850	1223-Lng-C-T	49	chr5:122181750-122181850
chr5	122240750	122240850	1065-Lng-C-T	66	chr5:122240750-122240850
chr5	122247650	122247750	901-Lng-A-T	64	chr5:122247650-122247750
chr5	122259350	122259450	1223-Lng-A-T	140	chr5:122259350-122259450
chr5	122354950	122355050	1100-Lng-A-T	176	chr5:122354950-122355050
chr5	122373150	122373250	1004-Lng-A-T	96	chr5:122373150-122373250
chr5	122466150	122466250	1065-Lng-A-T	75	chr5:122466150-122466250
chr5	122876650	122876750	1152-Lng-A-T	111	chr5:122876650-122876750
chr5	122933950	122934050	1090-Lng-B-T	687	chr5:122933950-122934050
chr5	122944850	122944950	901-Lng-A-T	124	chr5:122944850-122944950
chr5	122949150	122949250	1152-Lng-A-T	78	chr5:122949150-122949250
chr5	123000750	123000850	901-Lng-A-T	59	chr5:123000750-123000850
chr5	123246550	123246650	1223-Lng-B-T	41	chr5:123246550-123246650
chr5	123340850	123340950	1274-Lng-A-T	138	chr5:123340850-123340950
chr5	123464350	123464450	901-Lng-C-T	268	chr5:123464350-123464450
chr5	123519250	123519350	1167-Lng-A-T	321	chr5:123519250-123519350
chr5	123651950	123652050	1274-Lng-A-T	210	chr5:123651950-123652050
chr5	123725650	123725750	1223-Lng-D-T	51	chr5:123725650-123725750
chr5	123870450	123870550	901-Lng-C-T	65	chr5:123870450-123870550
chr5	124045850	124045950	1100-Lng-B-T	69	chr5:124045850-124045950
chr5	124071950	124072050	901-Lng-A-T	66	chr5:124071950-124072050
chr5	124083750	124083850	1274-Lng-A-T	53	chr5:124083750-124083850
chr5	124144850	124144950	1152-Lng-A-T	52	chr5:124144850-124144950
chr5	124367350	124367450	1167-Lng-A-T	80	chr5:124367350-124367450
chr5	124779550	124779650	901-Lng-B-T	63	chr5:124779550-124779650
chr5	124790250	124790350	1274-Lng-A-T	107	chr5:124790250-124790350
chr5	124834550	124834650	1274-Lng-A-T	90	chr5:124834550-124834650

Table S2: SB Insertion regions

chr5	124846450	124846550	1223-Lng-A-T	152	chr5:124846450-124846550
chr5	124870550	124870650	1151-Lng-A-T	522	chr5:124870550-124870650
chr5	124993650	124993750	901-Lng-A-T	378	chr5:124993650-124993750
chr5	125241850	125241950	1274-Lng-A-T	187	chr5:125241850-125241950
chr5	125360250	125360350	1065-Lng-A-T	41	chr5:125360250-125360350
chr5	125388450	125388550	1090-Lng-A-T	65	chr5:125388450-125388550
chr5	125440750	125440850	901-Lng-A-T	51	chr5:125440750-125440850
chr5	125604450	125604550	1065-Lng-A-T	77	chr5:125604450-125604550
chr5	125645150	125645250	1223-Lng-A-T	103	chr5:125645150-125645250
chr5	125719550	125719650	901-Lng-C-T	107	chr5:125719550-125719650
chr5	126166750	126166850	901-Lng-B-T	769	chr5:126166750-126166850
chr5	126193550	126193650	1151-Lng-A-T	210	chr5:126193550-126193650
chr5	126343150	126343250	1072-Lng-A-T	107	chr5:126343150-126343250
chr5	126412850	126412950	1065-Lng-A-T	36	chr5:126412850-126412950
chr5	126635050	126635150	901-Lng-A-T	91	chr5:126635050-126635150
chr5	126754750	126754850	1152-Lng-A-T	46	chr5:126754750-126754850
chr5	126815050	126815150	1152-Lng-A-T	36	chr5:126815050-126815150
chr5	126931550	126931650	846-Lng-A-T	116	chr5:126931550-126931650
chr5	127003650	127003750	1274-Lng-A-T	50	chr5:127003650-127003750
chr5	127007550	127007650	1274-Lng-A-T	245	chr5:127007550-127007650
chr5	127131450	127131550	1065-Lng-B-T	45	chr5:127131450-127131550
chr5	127200550	127200650	1274-Lng-A-T	49	chr5:127200550-127200650
chr5	128071250	128071350	1152-Lng-A-T	96	chr5:128071250-128071350
chr5	128095550	128095650	1223-Lng-D-T	40	chr5:128095550-128095650
chr5	128098050	128098150	1152-Lng-A-T	163	chr5:128098050-128098150
chr5	128314350	128314450	901-Lng-C-T	45	chr5:128314350-128314450
chr5	128487550	128487650	1152-Lng-A-T	78	chr5:128487550-128487650
chr5	128511950	128512050	1223-Lng-B-T	272	chr5:128511950-128512050
chr5	128651450	128651550	901-Lng-A-T	87	chr5:128651450-128651550
chr5	128745450	128745550	1065-Lng-B-T	86	chr5:128745450-128745550
chr5	128880150	128880250	1152-Lng-A-T	54	chr5:128880150-128880250
chr5	129409950	129410050	1090-Lng-B-T	128	chr5:129409950-129410050
chr5	129415950	129416050	1004-Lng-A-T	65	chr5:129415950-129416050
chr5	130020350	130020450	1004-Lng-A-T	58	chr5:130020350-130020450
chr5	130285150	130285250	1274-Lng-A-T	53	chr5:130285150-130285250
chr5	130533950	130534050	1152-Lng-A-T	50	chr5:130533950-130534050
chr5	130547450	130547550	1274-Lng-A-T	178	chr5:130547450-130547550
chr5	130563750	130563850	901-Lng-B-T	154	chr5:130563750-130563850
chr5	130712550	130712650	1100-Lng-A-T	111	chr5:130712550-130712650
chr5	130833650	130833750	1274-Lng-A-T	171	chr5:130833650-130833750
chr5	131098550	131098650	1152-Lng-A-T	102	chr5:131098550-131098650
chr5	131156250	131156350	1065-Lng-C-T	105	chr5:131156250-131156350
chr5	131283550	131283650	901-Lng-C-T	66	chr5:131283550-131283650
chr5	131396050	131396150	1223-Lng-B-T	166	chr5:131396050-131396150
chr5	131398450	131398550	901-Lng-C-T	68	chr5:131398450-131398550
chr5	131560150	131560250	1223-Lng-D-T	45	chr5:131560150-131560250

Table S2: SB Insertion regions

chr5	131986250	131986350	1151-Lng-A-T	131	chr5:131986250-131986350
chr5	131999250	131999350	1151-Lng-A-T	308	chr5:131999250-131999350
chr5	132248850	132248950	846-Lng-A-T	56	chr5:132248850-132248950
chr5	132360250	132360350	1274-Lng-A-T	50	chr5:132360250-132360350
chr5	132567350	132567450	901-Lng-D-T	290	chr5:132567350-132567450
chr5	132608450	132608550	1090-Lng-A-T	493	chr5:132608450-132608550
chr5	132679150	132679250	1065-Lng-A-T	50	chr5:132679150-132679250
chr5	132979650	132979750	1151-Lng-A-T	448	chr5:132979650-132979750
chr5	133611250	133611350	1065-Lng-B-T	51	chr5:133611250-133611350
chr5	134681450	134681550	1223-Lng-B-T	81	chr5:134681450-134681550
chr5	134756450	134756550	846-Lng-A-T	65	chr5:134756450-134756550
chr5	134878350	134878450	1100-Lng-A-T	144	chr5:134878350-134878450
chr5	134906650	134906750	1072-Lng-A-T	50	chr5:134906650-134906750
chr5	135439850	135439950	901-Lng-A-T	66	chr5:135439850-135439950
chr5	135534050	135534150	1065-Lng-B-T	60	chr5:135534050-135534150
chr5	135689850	135689950	901-Lng-C-T	34	chr5:135689850-135689950
chr5	135697350	135697450	1167-Lng-A-T	54	chr5:135697350-135697450
chr5	135700450	135700550	1152-Lng-A-T	366	chr5:135700450-135700550
chr5	135884550	135884650	901-Lng-B-T	37	chr5:135884550-135884650
chr5	136111450	136111550	1188-Lng-A-T	204	chr5:136111450-136111550
chr5	136113750	136113850	901-Lng-B-T	90	chr5:136113750-136113850
chr5	136183150	136183250	1152-Lng-A-T	32	chr5:136183150-136183250
chr5	136220950	136221050	1065-Lng-B-T	48	chr5:136220950-136221050
chr5	136492450	136492550	901-Lng-A-T	67	chr5:136492450-136492550
chr5	136514050	136514150	1274-Lng-A-T	65	chr5:136514050-136514150
chr5	136688350	136688450	1100-Lng-A-T	106	chr5:136688350-136688450
chr5	136759250	136759350	901-Lng-C-T	34	chr5:136759250-136759350
chr5	136759250	136759350	1188-Lng-A-T	163	chr5:136759250-136759350
chr5	136831350	136831450	1100-Lng-A-T	96	chr5:136831350-136831450
chr5	136852450	136852550	1274-Lng-A-T	82	chr5:136852450-136852550
chr5	136882950	136883050	901-Lng-C-T	28	chr5:136882950-136883050
chr5	136893050	136893150	1065-Lng-C-T	72	chr5:136893050-136893150
chr5	136898750	136898850	846-Lng-A-T	99	chr5:136898750-136898850
chr5	136977950	136978050	901-Lng-D-T	284	chr5:136977950-136978050
chr5	136986050	136986150	1004-Lng-A-T	56	chr5:136986050-136986150
chr5	137007150	137007250	1090-Lng-A-T	558	chr5:137007150-137007250
chr5	137015250	137015350	1100-Lng-A-T	140	chr5:137015250-137015350
chr5	137090550	137090650	1274-Lng-A-T	111	chr5:137090550-137090650
chr5	137415750	137415850	1274-Lng-A-T	53	chr5:137415750-137415850
chr5	137526250	137526350	1188-Lng-A-T	162	chr5:137526250-137526350
chr5	137547950	137548050	1223-Lng-D-T	59	chr5:137547950-137548050
chr5	137580450	137580550	1090-Lng-B-T	409	chr5:137580450-137580550
chr5	137792050	137792150	1152-Lng-A-T	164	chr5:137792050-137792150
chr5	137808350	137808450	1274-Lng-A-T	53	chr5:137808350-137808450
chr5	137937750	137937850	1223-Lng-D-T	41	chr5:137937750-137937850
chr5	137958450	137958550	1274-Lng-A-T	53	chr5:137958450-137958550

Table S2: SB Insertion regions

chr5	138112450	138112550	901-Lng-A-T	127	chr5:138112450-138112550
chr5	138544550	138544650	1065-Lng-A-T	46	chr5:138544550-138544650
chr5	138784450	138784550	1100-Lng-A-T	160	chr5:138784450-138784550
chr5	138892850	138892950	1072-Lng-A-T	54	chr5:138892850-138892950
chr5	139066550	139066650	1223-Lng-D-T	44	chr5:139066550-139066650
chr5	139331350	139331450	1188-Lng-A-T	167	chr5:139331350-139331450
chr5	139714050	139714150	901-Lng-A-T	79	chr5:139714050-139714150
chr5	140118650	140118750	1167-Lng-A-T	54	chr5:140118650-140118750
chr5	140138150	140138250	901-Lng-A-T	50	chr5:140138150-140138250
chr5	140261550	140261650	1004-Lng-A-T	100	chr5:140261550-140261650
chr5	140274850	140274950	1100-Lng-A-T	207	chr5:140274850-140274950
chr5	140548250	140548350	1090-Lng-A-T	58	chr5:140548250-140548350
chr5	140578850	140578950	1100-Lng-A-T	69	chr5:140578850-140578950
chr5	140666650	140666750	1167-Lng-A-T	80	chr5:140666650-140666750
chr5	140689250	140689350	1167-Lng-A-T	71	chr5:140689250-140689350
chr5	140700250	140700350	1100-Lng-A-T	57	chr5:140700250-140700350
chr5	140717250	140717350	1188-Lng-A-T	40	chr5:140717250-140717350
chr5	140736350	140736450	1188-Lng-A-T	38	chr5:140736350-140736450
chr5	141288450	141288550	1274-Lng-A-T	79	chr5:141288450-141288550
chr5	141298250	141298350	1223-Lng-D-T	690	chr5:141298250-141298350
chr5	141667950	141668050	1065-Lng-A-T	37	chr5:141667950-141668050
chr5	141675850	141675950	901-Lng-C-T	215	chr5:141675850-141675950
chr5	142900350	142900450	1065-Lng-A-T	67	chr5:142900350-142900450
chr5	142903850	142903950	1100-Lng-A-T	80	chr5:142903850-142903950
chr5	143542050	143542150	1274-Lng-A-T	91	chr5:143542050-143542150
chr5	143560450	143560550	1274-Lng-A-T	125	chr5:143560450-143560550
chr5	143676750	143676850	1065-Lng-B-T	75	chr5:143676750-143676850
chr5	143733150	143733250	1223-Lng-C-T	954	chr5:143733150-143733250
chr5	143833250	143833350	1065-Lng-B-T	43	chr5:143833250-143833350
chr5	143848650	143848750	901-Lng-C-T	55	chr5:143848650-143848750
chr5	143856150	143856250	1167-Lng-A-T	64	chr5:143856150-143856250
chr5	143871350	143871450	1004-Lng-A-T	69	chr5:143871350-143871450
chr5	144081950	144082050	1100-Lng-A-T	88	chr5:144081950-144082050
chr5	144125150	144125250	1223-Lng-D-T	55	chr5:144125150-144125250
chr5	144172450	144172550	1274-Lng-A-T	70	chr5:144172450-144172550
chr5	144258850	144258950	901-Lng-C-T	46	chr5:144258850-144258950
chr5	144358750	144358850	1167-Lng-A-T	121	chr5:144358750-144358850
chr5	144438350	144438450	901-Lng-B-T	65	chr5:144438350-144438450
chr5	144646450	144646550	846-Lng-A-T	53	chr5:144646450-144646550
chr5	144700850	144700950	1167-Lng-A-T	53	chr5:144700850-144700950
chr5	144921850	144921950	1100-Lng-A-T	80	chr5:144921850-144921950
chr5	144941650	144941750	1274-Lng-A-T	76	chr5:144941650-144941750
chr5	144950050	144950150	1223-Lng-C-T	86	chr5:144950050-144950150
chr5	144999550	144999650	1072-Lng-A-T	223	chr5:144999550-144999650
chr5	145022850	145022950	1100-Lng-A-T	87	chr5:145022850-145022950
chr5	145108950	145109050	1274-Lng-A-T	63	chr5:145108950-145109050

Table S2: SB Insertion regions

chr5	145113250	145113350	1090-Lng-A-T	336	chr5:145113250-145113350
chr5	145640950	145641050	1065-Lng-A-T	48	chr5:145640950-145641050
chr5	145653250	145653350	1167-Lng-A-T	4925	chr5:145653250-145653350
chr5	145946950	145947050	1072-Lng-A-T	52	chr5:145946950-145947050
chr5	146545950	146546050	1100-Lng-B-T	64	chr5:146545950-146546050
chr5	146778250	146778350	846-Lng-A-T	134	chr5:146778250-146778350
chr5	146796750	146796850	1100-Lng-B-T	51	chr5:146796750-146796850
chr5	147078650	147078750	1151-Lng-A-T	55	chr5:147078650-147078750
chr5	147087150	147087250	1065-Lng-C-T	696	chr5:147087150-147087250
chr5	147106050	147106150	1223-Lng-A-T	119	chr5:147106050-147106150
chr5	147107550	147107650	1274-Lng-A-T	56	chr5:147107550-147107650
chr5	147165050	147165150	1090-Lng-B-T	173	chr5:147165050-147165150
chr5	147599350	147599450	1065-Lng-B-T	61	chr5:147599350-147599450
chr5	147834150	147834250	1223-Lng-B-T	118	chr5:147834150-147834250
chr5	148247650	148247750	1188-Lng-A-T	94	chr5:148247650-148247750
chr5	148251550	148251650	1100-Lng-A-T	110	chr5:148251550-148251650
chr5	148254150	148254250	1004-Lng-A-T	126	chr5:148254150-148254250
chr5	148288850	148288950	1223-Lng-B-T	179	chr5:148288850-148288950
chr5	148293150	148293250	1065-Lng-B-T	113	chr5:148293150-148293250
chr5	148299950	148300050	1223-Lng-A-T	93	chr5:148299950-148300050
chr5	148316650	148316750	1223-Lng-C-T	60	chr5:148316650-148316750
chr5	148330450	148330550	846-Lng-A-T	59	chr5:148330450-148330550
chr5	148478650	148478750	1274-Lng-A-T	57	chr5:148478650-148478750
chr5	148486350	148486450	1188-Lng-A-T	37	chr5:148486350-148486450
chr5	148559550	148559650	1223-Lng-C-T	44	chr5:148559550-148559650
chr5	149088450	149088550	1072-Lng-A-T	78	chr5:149088450-149088550
chr5	149229350	149229450	1065-Lng-A-T	674	chr5:149229350-149229450
chr5	149296050	149296150	1274-Lng-A-T	84	chr5:149296050-149296150
chr5	149398050	149398150	1188-Lng-A-T	95	chr5:149398050-149398150
chr5	149776550	149776650	1274-Lng-A-T	311	chr5:149776550-149776650
chr5	149845950	149846050	1004-Lng-A-T	126	chr5:149845950-149846050
chr5	150236650	150236750	1151-Lng-A-T	54	chr5:150236650-150236750
chr5	150422750	150422850	1223-Lng-D-T	44	chr5:150422750-150422850
chr5	150426350	150426450	1223-Lng-C-T	63	chr5:150426350-150426450
chr5	150873750	150873850	1065-Lng-B-T	322	chr5:150873750-150873850
chr5	151150950	151151050	1004-Lng-A-T	55	chr5:151150950-151151050
chr5	151254250	151254350	1274-Lng-A-T	74	chr5:151254250-151254350
chr5	151338150	151338250	901-Lng-D-T	54	chr5:151338150-151338250
chr5	151376950	151377050	1274-Lng-A-T	79	chr5:151376950-151377050
chr5	151429550	151429650	1100-Lng-A-T	60	chr5:151429550-151429650
chr5	151444250	151444350	1004-Lng-A-T	741	chr5:151444250-151444350
chr5	151517050	151517150	1100-Lng-A-T	123	chr5:151517050-151517150
chr5	151536950	151537050	1072-Lng-A-T	70	chr5:151536950-151537050
chr5	151583650	151583750	1151-Lng-A-T	120	chr5:151583650-151583750
chr5	151769050	151769150	1152-Lng-A-T	61	chr5:151769050-151769150
chr5	151888350	151888450	1065-Lng-A-T	66	chr5:151888350-151888450

Table S2: SB Insertion regions

chr5	151913250	151913350	1223-Lng-D-T	41	chr5:151913250-151913350
chr5	151937550	151937650	1151-Lng-A-T	63	chr5:151937550-151937650
chr5	151938650	151938750	1188-Lng-A-T	48	chr5:151938650-151938750
chr5	151962750	151962850	901-Lng-A-T	121	chr5:151962750-151962850
chr5	151971050	151971150	1167-Lng-A-T	50	chr5:151971050-151971150
chr5	151975450	151975550	901-Lng-C-T	68	chr5:151975450-151975550
chr5	151987650	151987750	1152-Lng-A-T	133	chr5:151987650-151987750
chr5	151990750	151990850	1100-Lng-A-T	83	chr5:151990750-151990850
chr5	152345050	152345150	1065-Lng-B-T	67	chr5:152345050-152345150
chr6	3322450	3322550	1223-Lng-D-T	40	chr6:3322450-3322550
chr6	3336750	3336850	1100-Lng-A-T	110	chr6:3336750-3336850
chr6	3371650	3371750	1065-Lng-B-T	51	chr6:3371650-3371750
chr6	3451650	3451750	846-Lng-A-T	83	chr6:3451650-3451750
chr6	3461450	3461550	1072-Lng-A-T	56	chr6:3461450-3461550
chr6	3469850	3469950	901-Lng-D-T	308	chr6:3469850-3469950
chr6	3512750	3512850	1065-Lng-B-T	86	chr6:3512750-3512850
chr6	3541250	3541350	1072-Lng-A-T	191	chr6:3541250-3541350
chr6	3642150	3642250	1072-Lng-A-T	116	chr6:3642150-3642250
chr6	3885350	3885450	901-Lng-D-T	101	chr6:3885350-3885450
chr6	4017750	4017850	1152-Lng-A-T	35	chr6:4017750-4017850
chr6	4025850	4025950	1004-Lng-A-T	64	chr6:4025850-4025950
chr6	4152050	4152150	901-Lng-C-T	174	chr6:4152050-4152150
chr6	4250250	4250350	1152-Lng-A-T	32	chr6:4250250-4250350
chr6	4569850	4569950	1223-Lng-D-T	54	chr6:4569850-4569950
chr6	4883950	4884050	1065-Lng-A-T	46	chr6:4883950-4884050
chr6	4910150	4910250	1223-Lng-C-T	102	chr6:4910150-4910250
chr6	4919150	4919250	1065-Lng-C-T	100	chr6:4919150-4919250
chr6	4945850	4945950	901-Lng-A-T	118	chr6:4945850-4945950
chr6	4954250	4954350	1151-Lng-A-T	235	chr6:4954250-4954350
chr6	5012250	5012350	1274-Lng-A-T	49	chr6:5012250-5012350
chr6	5013550	5013650	1223-Lng-D-T	70	chr6:5013550-5013650
chr6	5045850	5045950	901-Lng-B-T	40	chr6:5045850-5045950
chr6	5082350	5082450	1274-Lng-A-T	65	chr6:5082350-5082450
chr6	5204750	5204850	1223-Lng-D-T	63	chr6:5204750-5204850
chr6	5276150	5276250	1072-Lng-A-T	156	chr6:5276150-5276250
chr6	5543050	5543150	1065-Lng-C-T	83	chr6:5543050-5543150
chr6	5869050	5869150	901-Lng-A-T	52	chr6:5869050-5869150
chr6	5936350	5936450	1065-Lng-C-T	88	chr6:5936350-5936450
chr6	6349950	6350050	1004-Lng-A-T	93	chr6:6349950-6350050
chr6	6509750	6509850	1152-Lng-A-T	56	chr6:6509750-6509850
chr6	6512250	6512350	901-Lng-A-T	75	chr6:6512250-6512350
chr6	6512450	6512550	901-Lng-B-T	60	chr6:6512450-6512550
chr6	6512650	6512750	1188-Lng-A-T	38	chr6:6512650-6512750
chr6	6512650	6512750	901-Lng-A-T	64	chr6:6512650-6512750
chr6	6581350	6581450	901-Lng-A-T	154	chr6:6581350-6581450
chr6	6621550	6621650	1152-Lng-A-T	89	chr6:6621550-6621650

Table S2: SB Insertion regions

chr6	6790950	6791050	901-Lng-A-T	529	chr6:6790950-6791050
chr6	7219450	7219550	1090-Lng-B-T	362	chr6:7219450-7219550
chr6	7293950	7294050	1152-Lng-A-T	71	chr6:7293950-7294050
chr6	7466050	7466150	901-Lng-B-T	146	chr6:7466050-7466150
chr6	7509250	7509350	846-Lng-A-T	1335	chr6:7509250-7509350
chr6	7755650	7755750	1223-Lng-A-T	140	chr6:7755650-7755750
chr6	7800650	7800750	1004-Lng-A-T	55	chr6:7800650-7800750
chr6	7813050	7813150	1274-Lng-A-T	146	chr6:7813050-7813150
chr6	7813450	7813550	1223-Lng-C-T	49	chr6:7813450-7813550
chr6	7821150	7821250	846-Lng-A-T	52	chr6:7821150-7821250
chr6	7826250	7826350	1274-Lng-A-T	71	chr6:7826250-7826350
chr6	7994150	7994250	1065-Lng-C-T	1910	chr6:7994150-7994250
chr6	8055250	8055350	1167-Lng-A-T	142	chr6:8055250-8055350
chr6	8071750	8071850	1274-Lng-A-T	71	chr6:8071750-8071850
chr6	8081550	8081650	1090-Lng-A-T	59	chr6:8081550-8081650
chr6	8176450	8176550	1065-Lng-C-T	369	chr6:8176450-8176550
chr6	8245250	8245350	901-Lng-B-T	41	chr6:8245250-8245350
chr6	8270750	8270850	1274-Lng-A-T	136	chr6:8270750-8270850
chr6	8348650	8348750	1065-Lng-A-T	94	chr6:8348650-8348750
chr6	8412250	8412350	1004-Lng-A-T	59	chr6:8412250-8412350
chr6	8499650	8499750	1167-Lng-A-T	53	chr6:8499650-8499750
chr6	8535250	8535350	1151-Lng-A-T	94	chr6:8535250-8535350
chr6	8538950	8539050	901-Lng-C-T	70	chr6:8538950-8539050
chr6	8602550	8602650	1100-Lng-A-T	66	chr6:8602550-8602650
chr6	8866050	8866150	846-Lng-A-T	118	chr6:8866050-8866150
chr6	9053750	9053850	1065-Lng-B-T	91	chr6:9053750-9053850
chr6	9064650	9064750	1223-Lng-A-T	111	chr6:9064650-9064750
chr6	9080750	9080850	1004-Lng-A-T	63	chr6:9080750-9080850
chr6	9403950	9404050	1090-Lng-B-T	397	chr6:9403950-9404050
chr6	9615650	9615750	1090-Lng-A-T	981	chr6:9615650-9615750
chr6	9876650	9876750	1004-Lng-A-T	80	chr6:9876650-9876750
chr6	10068950	10069050	1274-Lng-A-T	81	chr6:10068950-10069050
chr6	10365450	10365550	1065-Lng-B-T	43	chr6:10365450-10365550
chr6	10444250	10444350	1274-Lng-A-T	133	chr6:10444250-10444350
chr6	10680150	10680250	1151-Lng-A-T	408	chr6:10680150-10680250
chr6	10854250	10854350	901-Lng-C-T	206	chr6:10854250-10854350
chr6	11032950	11033050	1223-Lng-D-T	43	chr6:11032950-11033050
chr6	11053250	11053350	1223-Lng-D-T	40	chr6:11053250-11053350
chr6	11110950	11111050	1167-Lng-A-T	88	chr6:11110950-11111050
chr6	11153750	11153850	1188-Lng-A-T	59	chr6:11153750-11153850
chr6	11219450	11219550	1090-Lng-B-T	738	chr6:11219450-11219550
chr6	11261450	11261550	1274-Lng-A-T	73	chr6:11261450-11261550
chr6	11675450	11675550	1090-Lng-A-T	46	chr6:11675450-11675550
chr6	11856150	11856250	901-Lng-C-T	40	chr6:11856150-11856250
chr6	11949450	11949550	901-Lng-A-T	50	chr6:11949450-11949550
chr6	11969350	11969450	1167-Lng-A-T	90	chr6:11969350-11969450

Table S2: SB Insertion regions

chr6	11980850	11980950	1223-Lng-B-T	61	chr6:11980850-11980950
chr6	12037150	12037250	1090-Lng-A-T	45	chr6:12037150-12037250
chr6	12151850	12151950	1274-Lng-A-T	119	chr6:12151850-12151950
chr6	12566150	12566250	1223-Lng-B-T	39	chr6:12566150-12566250
chr6	12614150	12614250	1065-Lng-B-T	46	chr6:12614150-12614250
chr6	12724950	12725050	1152-Lng-A-T	66	chr6:12724950-12725050
chr6	13005050	13005150	901-Lng-C-T	49	chr6:13005050-13005150
chr6	13026750	13026850	1274-Lng-A-T	249	chr6:13026750-13026850
chr6	13026750	13026850	1274-Lng-A-T	451	chr6:13026750-13026850
chr6	13029550	13029650	901-Lng-A-T	110	chr6:13029550-13029650
chr6	13351250	13351350	901-Lng-D-T	41	chr6:13351250-13351350
chr6	13605150	13605250	1065-Lng-C-T	64	chr6:13605150-13605250
chr6	13620850	13620950	1065-Lng-C-T	102	chr6:13620850-13620950
chr6	13812150	13812250	1072-Lng-A-T	160	chr6:13812150-13812250
chr6	13890750	13890850	1223-Lng-B-T	399	chr6:13890750-13890850
chr6	13901250	13901350	1004-Lng-A-T	74	chr6:13901250-13901350
chr6	14007750	14007850	1152-Lng-A-T	101	chr6:14007750-14007850
chr6	14355350	14355450	901-Lng-A-T	142	chr6:14355350-14355450
chr6	14689350	14689450	1090-Lng-A-T	87	chr6:14689350-14689450
chr6	14894450	14894550	901-Lng-C-T	46	chr6:14894450-14894550
chr6	15024450	15024550	901-Lng-A-T	115	chr6:15024450-15024550
chr6	15079150	15079250	901-Lng-B-T	132	chr6:15079150-15079250
chr6	15080950	15081050	1065-Lng-C-T	110	chr6:15080950-15081050
chr6	15087150	15087250	1065-Lng-B-T	140	chr6:15087150-15087250
chr6	15087250	15087350	1004-Lng-A-T	52	chr6:15087250-15087350
chr6	15151550	15151650	1065-Lng-A-T	64	chr6:15151550-15151650
chr6	15165250	15165350	1151-Lng-A-T	92	chr6:15165250-15165350
chr6	15227250	15227350	1223-Lng-B-T	132	chr6:15227250-15227350
chr6	15294350	15294450	1065-Lng-B-T	55	chr6:15294350-15294450
chr6	15299350	15299450	1152-Lng-A-T	99	chr6:15299350-15299450
chr6	15688550	15688650	901-Lng-B-T	85	chr6:15688550-15688650
chr6	15699450	15699550	1223-Lng-B-T	103	chr6:15699450-15699550
chr6	15716650	15716750	1065-Lng-C-T	90	chr6:15716650-15716750
chr6	15724950	15725050	1223-Lng-B-T	239	chr6:15724950-15725050
chr6	15725050	15725150	1223-Lng-D-T	46	chr6:15725050-15725150
chr6	15730450	15730550	1274-Lng-A-T	67	chr6:15730450-15730550
chr6	15759550	15759650	1004-Lng-A-T	50	chr6:15759550-15759650
chr6	15880150	15880250	1065-Lng-A-T	108	chr6:15880150-15880250
chr6	15930650	15930750	1072-Lng-A-T	48	chr6:15930650-15930750
chr6	16363850	16363950	901-Lng-C-T	88	chr6:16363850-16363950
chr6	16365850	16365950	1065-Lng-A-T	56	chr6:16365850-16365950
chr6	16463650	16463750	901-Lng-D-T	83	chr6:16463650-16463750
chr6	16497450	16497550	1274-Lng-A-T	80	chr6:16497450-16497550
chr6	16816050	16816150	1065-Lng-B-T	104	chr6:16816050-16816150
chr6	16882250	16882350	901-Lng-D-T	642	chr6:16882250-16882350
chr6	17145550	17145650	1065-Lng-B-T	337	chr6:17145550-17145650

Table S2: SB Insertion regions

chr6	17161250	17161350	1065-Lng-C-T	141	chr6:17161250-17161350
chr6	17278150	17278250	901-Lng-D-T	80	chr6:17278150-17278250
chr6	17395450	17395550	1004-Lng-A-T	68	chr6:17395450-17395550
chr6	17423650	17423750	1188-Lng-A-T	67	chr6:17423650-17423750
chr6	17509750	17509850	846-Lng-A-T	52	chr6:17509750-17509850
chr6	17517050	17517150	1065-Lng-B-T	55	chr6:17517050-17517150
chr6	17711550	17711650	1100-Lng-B-T	72	chr6:17711550-17711650
chr6	17820550	17820650	901-Lng-B-T	61	chr6:17820550-17820650
chr6	18138250	18138350	846-Lng-A-T	81	chr6:18138250-18138350
chr6	18211350	18211450	1090-Lng-A-T	74	chr6:18211350-18211450
chr6	18327350	18327450	1223-Lng-C-T	66	chr6:18327350-18327450
chr6	18353450	18353550	1065-Lng-A-T	59	chr6:18353450-18353550
chr6	18375950	18376050	901-Lng-B-T	36	chr6:18375950-18376050
chr6	18491150	18491250	1065-Lng-A-T	58	chr6:18491150-18491250
chr6	18507050	18507150	846-Lng-A-T	71	chr6:18507050-18507150
chr6	18664250	18664350	901-Lng-A-T	116	chr6:18664250-18664350
chr6	18814250	18814350	1274-Lng-A-T	79	chr6:18814250-18814350
chr6	18987350	18987450	1223-Lng-B-T	35	chr6:18987350-18987450
chr6	19034350	19034450	901-Lng-A-T	101	chr6:19034350-19034450
chr6	19484350	19484450	901-Lng-C-T	56	chr6:19484350-19484450
chr6	19518150	19518250	901-Lng-D-T	304	chr6:19518150-19518250
chr6	19607850	19607950	1004-Lng-A-T	62	chr6:19607850-19607950
chr6	19627650	19627750	901-Lng-A-T	54	chr6:19627650-19627750
chr6	19681250	19681350	846-Lng-A-T	57	chr6:19681250-19681350
chr6	19700050	19700150	901-Lng-D-T	404	chr6:19700050-19700150
chr6	19722350	19722450	901-Lng-C-T	92	chr6:19722350-19722450
chr6	19756450	19756550	1065-Lng-B-T	130	chr6:19756450-19756550
chr6	19811050	19811150	1223-Lng-B-T	43	chr6:19811050-19811150
chr6	19953150	19953250	1004-Lng-A-T	77	chr6:19953150-19953250
chr6	20053150	20053250	901-Lng-B-T	108	chr6:20053150-20053250
chr6	20238250	20238350	1065-Lng-A-T	64	chr6:20238250-20238350
chr6	20257750	20257850	901-Lng-A-T	136	chr6:20257750-20257850
chr6	20515150	20515250	1065-Lng-B-T	52	chr6:20515150-20515250
chr6	20611250	20611350	1004-Lng-A-T	79	chr6:20611250-20611350
chr6	20626550	20626650	1065-Lng-B-T	53	chr6:20626550-20626650
chr6	20831750	20831850	901-Lng-D-T	134	chr6:20831750-20831850
chr6	20895850	20895950	1090-Lng-B-T	444	chr6:20895850-20895950
chr6	20923450	20923550	901-Lng-B-T	249	chr6:20923450-20923550
chr6	21375350	21375450	1065-Lng-B-T	229	chr6:21375350-21375450
chr6	21827050	21827150	901-Lng-B-T	122	chr6:21827050-21827150
chr6	21920350	21920450	1090-Lng-B-T	135	chr6:21920350-21920450
chr6	22012550	22012650	1274-Lng-A-T	49	chr6:22012550-22012650
chr6	22036050	22036150	901-Lng-A-T	106	chr6:22036050-22036150
chr6	22230950	22231050	1065-Lng-A-T	78	chr6:22230950-22231050
chr6	22288450	22288550	901-Lng-C-T	104	chr6:22288450-22288550
chr6	22488550	22488650	1065-Lng-C-T	67	chr6:22488550-22488650

Table S2: SB Insertion regions

chr6	22603050	22603150	1223-Lng-A-T	196	chr6:22603050-22603150
chr6	22678750	22678850	1274-Lng-A-T	49	chr6:22678750-22678850
chr6	23229350	23229450	1004-Lng-A-T	91	chr6:23229350-23229450
chr6	23388350	23388450	1072-Lng-A-T	83	chr6:23388350-23388450
chr6	23486550	23486650	1065-Lng-A-T	62	chr6:23486550-23486650
chr6	23501350	23501450	1004-Lng-A-T	80	chr6:23501350-23501450
chr6	23531650	23531750	1065-Lng-B-T	105	chr6:23531650-23531750
chr6	23602250	23602350	901-Lng-A-T	133	chr6:23602250-23602350
chr6	23648650	23648750	1072-Lng-A-T	200	chr6:23648650-23648750
chr6	23694450	23694550	901-Lng-A-T	55	chr6:23694450-23694550
chr6	23788350	23788450	1274-Lng-A-T	114	chr6:23788350-23788450
chr6	24082650	24082750	901-Lng-D-T	36	chr6:24082650-24082750
chr6	24164550	24164650	1167-Lng-A-T	72	chr6:24164550-24164650
chr6	24205550	24205650	1090-Lng-A-T	343	chr6:24205550-24205650
chr6	24259350	24259450	1065-Lng-B-T	52	chr6:24259350-24259450
chr6	24423450	24423550	901-Lng-A-T	67	chr6:24423450-24423550
chr6	24518150	24518250	1072-Lng-A-T	161	chr6:24518150-24518250
chr6	24563050	24563150	846-Lng-A-T	135	chr6:24563050-24563150
chr6	24564650	24564750	1151-Lng-A-T	74	chr6:24564650-24564750
chr6	24597050	24597150	1090-Lng-A-T	77	chr6:24597050-24597150
chr6	24597050	24597150	901-Lng-C-T	310	chr6:24597050-24597150
chr6	24604350	24604450	901-Lng-B-T	285	chr6:24604350-24604450
chr6	24637250	24637350	1223-Lng-D-T	50	chr6:24637250-24637350
chr6	24723950	24724050	1065-Lng-B-T	75	chr6:24723950-24724050
chr6	24792550	24792650	1152-Lng-A-T	53	chr6:24792550-24792650
chr6	24804550	24804650	1100-Lng-B-T	54	chr6:24804550-24804650
chr6	24821150	24821250	1152-Lng-A-T	77	chr6:24821150-24821250
chr6	25150050	25150150	901-Lng-C-T	54	chr6:25150050-25150150
chr6	25189050	25189150	1004-Lng-A-T	88	chr6:25189050-25189150
chr6	25395150	25395250	1152-Lng-A-T	72	chr6:25395150-25395250
chr6	25398350	25398450	1065-Lng-C-T	86	chr6:25398350-25398450
chr6	25560850	25560950	1152-Lng-A-T	70	chr6:25560850-25560950
chr6	25604050	25604150	1223-Lng-B-T	39	chr6:25604050-25604150
chr6	25718050	25718150	1004-Lng-A-T	55	chr6:25718050-25718150
chr6	25768250	25768350	901-Lng-C-T	194	chr6:25768250-25768350
chr6	25827050	25827150	1152-Lng-A-T	120	chr6:25827050-25827150
chr6	26122450	26122550	1065-Lng-B-T	46	chr6:26122450-26122550
chr6	26195650	26195750	1065-Lng-C-T	93	chr6:26195650-26195750
chr6	26433850	26433950	1004-Lng-A-T	80	chr6:26433850-26433950
chr6	26616750	26616850	1274-Lng-A-T	142	chr6:26616750-26616850
chr6	26740150	26740250	1072-Lng-A-T	53	chr6:26740150-26740250
chr6	26905950	26906050	901-Lng-D-T	88	chr6:26905950-26906050
chr6	27109450	27109550	901-Lng-B-T	111	chr6:27109450-27109550
chr6	27207050	27207150	1090-Lng-B-T	225	chr6:27207050-27207150
chr6	27277450	27277550	901-Lng-D-T	289	chr6:27277450-27277550
chr6	27431650	27431750	1065-Lng-B-T	92	chr6:27431650-27431750

Table S2: SB Insertion regions

chr6	27667250	27667350	901-Lng-B-T	42	chr6:27667250-27667350
chr6	27758550	27758650	846-Lng-A-T	124	chr6:27758550-27758650
chr6	27807950	27808050	901-Lng-D-T	169	chr6:27807950-27808050
chr6	28137950	28138050	1090-Lng-A-T	58	chr6:28137950-28138050
chr6	28185650	28185750	1065-Lng-B-T	96	chr6:28185650-28185750
chr6	28377350	28377450	901-Lng-A-T	195	chr6:28377350-28377450
chr6	28500550	28500650	1152-Lng-A-T	330	chr6:28500550-28500650
chr6	28522450	28522550	1090-Lng-A-T	80	chr6:28522450-28522550
chr6	28531250	28531350	1072-Lng-A-T	81	chr6:28531250-28531350
chr6	28534450	28534550	1274-Lng-A-T	50	chr6:28534450-28534550
chr6	28543450	28543550	1223-Lng-D-T	46	chr6:28543450-28543550
chr6	28560250	28560350	1151-Lng-A-T	63	chr6:28560250-28560350
chr6	28571650	28571750	1090-Lng-A-T	86	chr6:28571650-28571750
chr6	28606050	28606150	1167-Lng-A-T	93	chr6:28606050-28606150
chr6	28658750	28658850	1151-Lng-A-T	86	chr6:28658750-28658850
chr6	28754750	28754850	1274-Lng-A-T	119	chr6:28754750-28754850
chr6	28777450	28777550	1065-Lng-B-T	96	chr6:28777450-28777550
chr6	28787650	28787750	1072-Lng-A-T	164	chr6:28787650-28787750
chr6	29306450	29306550	1065-Lng-B-T	75	chr6:29306450-29306550
chr6	29310550	29310650	1223-Lng-C-T	48	chr6:29310550-29310650
chr6	29326650	29326750	1065-Lng-C-T	1362	chr6:29326650-29326750
chr6	29524250	29524350	1167-Lng-A-T	51	chr6:29524250-29524350
chr6	29538250	29538350	1274-Lng-A-T	412	chr6:29538250-29538350
chr6	29772050	29772150	1188-Lng-A-T	108	chr6:29772050-29772150
chr6	29783850	29783950	1152-Lng-A-T	43	chr6:29783850-29783950
chr6	29834850	29834950	1274-Lng-A-T	63	chr6:29834850-29834950
chr6	29835550	29835650	1274-Lng-A-T	270	chr6:29835550-29835650
chr6	29844450	29844550	1004-Lng-A-T	219	chr6:29844450-29844550
chr6	30033150	30033250	1274-Lng-A-T	63	chr6:30033150-30033250
chr6	30160850	30160950	901-Lng-B-T	121	chr6:30160850-30160950
chr6	30201350	30201450	1274-Lng-A-T	159	chr6:30201350-30201450
chr6	30219150	30219250	1152-Lng-A-T	315	chr6:30219150-30219250
chr6	30299150	30299250	1274-Lng-A-T	100	chr6:30299150-30299250
chr6	30352450	30352550	1167-Lng-A-T	105	chr6:30352450-30352550
chr6	30365050	30365150	1065-Lng-A-T	39	chr6:30365050-30365150
chr6	30367350	30367450	1223-Lng-B-T	102	chr6:30367350-30367450
chr6	30389250	30389350	901-Lng-C-T	84	chr6:30389250-30389350
chr6	30757150	30757250	1100-Lng-A-T	66	chr6:30757150-30757250
chr6	30918050	30918150	1274-Lng-A-T	92	chr6:30918050-30918150
chr6	31010250	31010350	1188-Lng-A-T	90	chr6:31010250-31010350
chr6	31042850	31042950	1274-Lng-A-T	84	chr6:31042850-31042950
chr6	31093650	31093750	1065-Lng-B-T	83	chr6:31093650-31093750
chr6	31114650	31114750	1223-Lng-C-T	60	chr6:31114650-31114750
chr6	31142350	31142450	1188-Lng-A-T	115	chr6:31142350-31142450
chr6	31214150	31214250	846-Lng-A-T	117	chr6:31214150-31214250
chr6	31226150	31226250	1090-Lng-A-T	149	chr6:31226150-31226250

Table S2: SB Insertion regions

chr6	31313850	31313950	1100-Lng-A-T	150	chr6:31313850-31313950
chr6	31375250	31375350	1065-Lng-B-T	67	chr6:31375250-31375350
chr6	31391250	31391350	1004-Lng-A-T	54	chr6:31391250-31391350
chr6	31393250	31393350	846-Lng-A-T	184	chr6:31393250-31393350
chr6	31429250	31429350	1223-Lng-B-T	62	chr6:31429250-31429350
chr6	31704850	31704950	1065-Lng-B-T	41	chr6:31704850-31704950
chr6	31811350	31811450	1100-Lng-A-T	59	chr6:31811350-31811450
chr6	32178950	32179050	901-Lng-B-T	171	chr6:32178950-32179050
chr6	32208950	32209050	1274-Lng-A-T	77	chr6:32208950-32209050
chr6	32227550	32227650	1167-Lng-A-T	660	chr6:32227550-32227650
chr6	32289550	32289650	1223-Lng-B-T	263	chr6:32289550-32289650
chr6	32324650	32324750	1100-Lng-A-T	98	chr6:32324650-32324750
chr6	32334750	32334850	1152-Lng-A-T	60	chr6:32334750-32334850
chr6	32337050	32337150	1090-Lng-A-T	837	chr6:32337050-32337150
chr6	32350050	32350150	1151-Lng-A-T	98	chr6:32350050-32350150
chr6	32404650	32404750	1151-Lng-A-T	54	chr6:32404650-32404750
chr6	32409750	32409850	1065-Lng-C-T	74	chr6:32409750-32409850
chr6	32434750	32434850	1004-Lng-A-T	143	chr6:32434750-32434850
chr6	32436850	32436950	846-Lng-A-T	188	chr6:32436850-32436950
chr6	32489650	32489750	1274-Lng-A-T	75	chr6:32489650-32489750
chr6	32795350	32795450	1188-Lng-A-T	56	chr6:32795350-32795450
chr6	32802350	32802450	1274-Lng-A-T	103	chr6:32802350-32802450
chr6	32848450	32848550	846-Lng-A-T	164	chr6:32848450-32848550
chr6	32908350	32908450	901-Lng-D-T	146	chr6:32908350-32908450
chr6	32915750	32915850	1090-Lng-B-T	205	chr6:32915750-32915850
chr6	32985950	32986050	1223-Lng-C-T	49	chr6:32985950-32986050
chr6	33223750	33223850	901-Lng-A-T	103	chr6:33223750-33223850
chr6	33235950	33236050	846-Lng-A-T	1441	chr6:33235950-33236050
chr6	33377150	33377250	1090-Lng-A-T	77	chr6:33377150-33377250
chr6	33381950	33382050	1223-Lng-A-T	2441	chr6:33381950-33382050
chr6	33405250	33405350	1072-Lng-A-T	61	chr6:33405250-33405350
chr6	33439250	33439350	1090-Lng-A-T	50	chr6:33439250-33439350
chr6	33472750	33472850	1072-Lng-A-T	56	chr6:33472750-33472850
chr6	33510950	33511050	1090-Lng-B-T	77	chr6:33510950-33511050
chr6	33537550	33537650	846-Lng-A-T	122	chr6:33537550-33537650
chr6	33571650	33571750	1072-Lng-A-T	57	chr6:33571650-33571750
chr6	33572250	33572350	1004-Lng-A-T	229	chr6:33572250-33572350
chr6	33590950	33591050	1223-Lng-C-T	45	chr6:33590950-33591050
chr6	33655850	33655950	1065-Lng-A-T	41	chr6:33655850-33655950
chr6	33656450	33656550	1151-Lng-A-T	117	chr6:33656450-33656550
chr6	33700150	33700250	901-Lng-B-T	129	chr6:33700150-33700250
chr6	33837350	33837450	1151-Lng-A-T	206	chr6:33837350-33837450
chr6	33895550	33895650	901-Lng-B-T	47	chr6:33895550-33895650
chr6	34198350	34198450	1274-Lng-A-T	64	chr6:34198350-34198450
chr6	34242950	34243050	1072-Lng-A-T	823	chr6:34242950-34243050
chr6	34282250	34282350	1065-Lng-C-T	94	chr6:34282250-34282350

Table S2: SB Insertion regions

chr6	34448350	34448450	1065-Lng-A-T	48	chr6:34448350-34448450
chr6	34492550	34492650	901-Lng-D-T	112	chr6:34492550-34492650
chr6	34510050	34510150	1100-Lng-A-T	59	chr6:34510050-34510150
chr6	34553650	34553750	901-Lng-B-T	96	chr6:34553650-34553750
chr6	34654750	34654850	1065-Lng-B-T	105	chr6:34654750-34654850
chr6	34759150	34759250	1065-Lng-A-T	47	chr6:34759150-34759250
chr6	34897250	34897350	1223-Lng-B-T	476	chr6:34897250-34897350
chr6	34958750	34958850	1065-Lng-B-T	68	chr6:34958750-34958850
chr6	34968650	34968750	1223-Lng-C-T	47	chr6:34968650-34968750
chr6	34970950	34971050	1223-Lng-B-T	369	chr6:34970950-34971050
chr6	34978450	34978550	1004-Lng-A-T	79	chr6:34978450-34978550
chr6	34988350	34988450	1274-Lng-A-T	82	chr6:34988350-34988450
chr6	34998550	34998650	1065-Lng-C-T	1889	chr6:34998550-34998650
chr6	35022150	35022250	1274-Lng-A-T	77	chr6:35022150-35022250
chr6	35026250	35026350	1223-Lng-D-T	53	chr6:35026250-35026350
chr6	35036150	35036250	1274-Lng-A-T	73	chr6:35036150-35036250
chr6	35058750	35058850	1167-Lng-A-T	46	chr6:35058750-35058850
chr6	35154950	35155050	1072-Lng-A-T	55	chr6:35154950-35155050
chr6	35157450	35157550	1004-Lng-A-T	81	chr6:35157450-35157550
chr6	35244350	35244450	1072-Lng-A-T	157	chr6:35244350-35244450
chr6	35452650	35452750	1151-Lng-A-T	275	chr6:35452650-35452750
chr6	35491050	35491150	1223-Lng-D-T	55	chr6:35491050-35491150
chr6	36251050	36251150	1065-Lng-A-T	99	chr6:36251050-36251150
chr6	36376050	36376150	1065-Lng-C-T	92	chr6:36376050-36376150
chr6	36846850	36846950	1223-Lng-B-T	41	chr6:36846850-36846950
chr6	36968150	36968250	1065-Lng-B-T	84	chr6:36968150-36968250
chr6	37280050	37280150	1152-Lng-A-T	59	chr6:37280050-37280150
chr6	37358450	37358550	901-Lng-D-T	99	chr6:37358450-37358550
chr6	37364550	37364650	1090-Lng-A-T	49	chr6:37364550-37364650
chr6	37387750	37387850	1151-Lng-A-T	70	chr6:37387750-37387850
chr6	37478250	37478350	1004-Lng-A-T	59	chr6:37478250-37478350
chr6	37700350	37700450	1065-Lng-A-T	95	chr6:37700350-37700450
chr6	37838350	37838450	901-Lng-C-T	94	chr6:37838350-37838450
chr6	37883450	37883550	901-Lng-C-T	72	chr6:37883450-37883550
chr6	38348150	38348250	1167-Lng-A-T	65	chr6:38348150-38348250
chr6	38390250	38390350	1065-Lng-B-T	44	chr6:38390250-38390350
chr6	38415650	38415750	1223-Lng-C-T	210	chr6:38415650-38415750
chr6	38420750	38420850	901-Lng-A-T	618	chr6:38420750-38420850
chr6	38504650	38504750	1090-Lng-A-T	60	chr6:38504650-38504750
chr6	38516550	38516650	1167-Lng-A-T	133	chr6:38516550-38516650
chr6	38519050	38519150	1151-Lng-A-T	579	chr6:38519050-38519150
chr6	38533050	38533150	1274-Lng-A-T	292	chr6:38533050-38533150
chr6	38563850	38563950	901-Lng-A-T	63	chr6:38563850-38563950
chr6	38581850	38581950	1090-Lng-A-T	95	chr6:38581850-38581950
chr6	38616650	38616750	1072-Lng-A-T	63	chr6:38616650-38616750
chr6	38638750	38638850	1167-Lng-A-T	134	chr6:38638750-38638850

Table S2: SB Insertion regions

chr6	38669350	38669450	1152-Lng-A-T	317	chr6:38669350-38669450
chr6	38681450	38681550	1167-Lng-A-T	469	chr6:38681450-38681550
chr6	38769550	38769650	1152-Lng-A-T	271	chr6:38769550-38769650
chr6	38773650	38773750	1004-Lng-A-T	111	chr6:38773650-38773750
chr6	38814450	38814550	901-Lng-C-T	107	chr6:38814450-38814550
chr6	38829250	38829350	1167-Lng-A-T	6273	chr6:38829250-38829350
chr6	38829550	38829650	1167-Lng-A-T	96	chr6:38829550-38829650
chr6	38943350	38943450	1072-Lng-A-T	66	chr6:38943350-38943450
chr6	38950650	38950750	901-Lng-C-T	40	chr6:38950650-38950750
chr6	39008650	39008750	1065-Lng-B-T	73	chr6:39008650-39008750
chr6	39107450	39107550	1152-Lng-A-T	37	chr6:39107450-39107550
chr6	39119150	39119250	1223-Lng-C-T	52	chr6:39119150-39119250
chr6	39122850	39122950	1167-Lng-A-T	291	chr6:39122850-39122950
chr6	39123650	39123750	901-Lng-D-T	162	chr6:39123650-39123750
chr6	39124350	39124450	1065-Lng-A-T	49	chr6:39124350-39124450
chr6	39128950	39129050	1167-Lng-A-T	223	chr6:39128950-39129050
chr6	39252450	39252550	1100-Lng-A-T	134	chr6:39252450-39252550
chr6	39496850	39496950	1223-Lng-C-T	48	chr6:39496850-39496950
chr6	39547050	39547150	1223-Lng-D-T	55	chr6:39547050-39547150
chr6	39557050	39557150	1223-Lng-C-T	46	chr6:39557050-39557150
chr6	39562350	39562450	1004-Lng-A-T	68	chr6:39562350-39562450
chr6	39584650	39584750	1065-Lng-A-T	103	chr6:39584650-39584750
chr6	39642950	39643050	1065-Lng-B-T	84	chr6:39642950-39643050
chr6	39661350	39661450	1004-Lng-A-T	107	chr6:39661350-39661450
chr6	39667850	39667950	901-Lng-B-T	209	chr6:39667850-39667950
chr6	39670550	39670650	1274-Lng-A-T	149	chr6:39670550-39670650
chr6	39675850	39675950	1274-Lng-A-T	89	chr6:39675850-39675950
chr6	39948250	39948350	1223-Lng-C-T	53	chr6:39948250-39948350
chr6	40308350	40308450	1274-Lng-A-T	135	chr6:40308350-40308450
chr6	40351950	40352050	1188-Lng-A-T	41	chr6:40351950-40352050
chr6	40376150	40376250	1065-Lng-B-T	59	chr6:40376150-40376250
chr6	40429950	40430050	1004-Lng-A-T	51	chr6:40429950-40430050
chr6	40816550	40816650	1072-Lng-A-T	117	chr6:40816550-40816650
chr6	41263050	41263150	901-Lng-D-T	316	chr6:41263050-41263150
chr6	41573250	41573350	1065-Lng-C-T	171	chr6:41573250-41573350
chr6	41873450	41873550	1151-Lng-A-T	65	chr6:41873450-41873550
chr6	42130250	42130350	1065-Lng-C-T	69	chr6:42130250-42130350
chr6	42132650	42132750	901-Lng-B-T	89	chr6:42132650-42132750
chr6	42200050	42200150	1223-Lng-B-T	187	chr6:42200050-42200150
chr6	42473750	42473850	1223-Lng-B-T	175	chr6:42473750-42473850
chr6	42473850	42473950	901-Lng-B-T	93	chr6:42473850-42473950
chr6	42550950	42551050	846-Lng-A-T	145	chr6:42550950-42551050
chr6	42691550	42691650	1065-Lng-A-T	97	chr6:42691550-42691650
chr6	42741850	42741950	1152-Lng-A-T	77	chr6:42741850-42741950
chr6	42762150	42762250	901-Lng-A-T	57	chr6:42762150-42762250
chr6	42788750	42788850	901-Lng-B-T	119	chr6:42788750-42788850

Table S2: SB Insertion regions

chr6	43138750	43138850	1223-Lng-B-T	87	chr6:43138750-43138850
chr6	43149150	43149250	1065-Lng-B-T	99	chr6:43149150-43149250
chr6	43218550	43218650	901-Lng-B-T	197	chr6:43218550-43218650
chr6	43405650	43405750	1223-Lng-A-T	116	chr6:43405650-43405750
chr6	43544050	43544150	1100-Lng-A-T	59	chr6:43544050-43544150
chr6	44066450	44066550	901-Lng-B-T	108	chr6:44066450-44066550
chr6	44095150	44095250	1152-Lng-A-T	97	chr6:44095150-44095250
chr6	44248850	44248950	901-Lng-D-T	369	chr6:44248850-44248950
chr6	44259450	44259550	1065-Lng-B-T	46	chr6:44259450-44259550
chr6	44291850	44291950	1274-Lng-A-T	194	chr6:44291850-44291950
chr6	44361550	44361650	1152-Lng-A-T	80	chr6:44361550-44361650
chr6	44395850	44395950	846-Lng-A-T	123	chr6:44395850-44395950
chr6	44419450	44419550	1072-Lng-A-T	49	chr6:44419450-44419550
chr6	44432550	44432650	1152-Lng-A-T	162	chr6:44432550-44432650
chr6	44444650	44444750	1004-Lng-A-T	65	chr6:44444650-44444750
chr6	44513350	44513450	1152-Lng-A-T	248	chr6:44513350-44513450
chr6	44575750	44575850	1065-Lng-C-T	76	chr6:44575750-44575850
chr6	44654850	44654950	1065-Lng-B-T	78	chr6:44654850-44654950
chr6	44690250	44690350	1223-Lng-B-T	55	chr6:44690250-44690350
chr6	44784450	44784550	901-Lng-A-T	53	chr6:44784450-44784550
chr6	44822450	44822550	1072-Lng-A-T	62	chr6:44822450-44822550
chr6	44842250	44842350	1065-Lng-A-T	39	chr6:44842250-44842350
chr6	45020150	45020250	1065-Lng-A-T	61	chr6:45020150-45020250
chr6	45296050	45296150	901-Lng-C-T	85	chr6:45296050-45296150
chr6	45381050	45381150	1065-Lng-A-T	48	chr6:45381050-45381150
chr6	45464950	45465050	1152-Lng-A-T	53	chr6:45464950-45465050
chr6	45515550	45515650	1065-Lng-C-T	86	chr6:45515550-45515650
chr6	45660350	45660450	1100-Lng-A-T	54	chr6:45660350-45660450
chr6	46059650	46059750	1188-Lng-A-T	138	chr6:46059650-46059750
chr6	46098450	46098550	901-Lng-C-T	34	chr6:46098450-46098550
chr6	46369850	46369950	901-Lng-A-T	80	chr6:46369850-46369950
chr6	46413350	46413450	1065-Lng-B-T	41	chr6:46413350-46413450
chr6	46441050	46441150	901-Lng-A-T	68	chr6:46441050-46441150
chr6	46507650	46507750	1065-Lng-C-T	91	chr6:46507650-46507750
chr6	46554150	46554250	1223-Lng-B-T	120	chr6:46554150-46554250
chr6	46796150	46796250	1152-Lng-A-T	75	chr6:46796150-46796250
chr6	46918450	46918550	1065-Lng-B-T	125	chr6:46918450-46918550
chr6	46920850	46920950	1065-Lng-A-T	55	chr6:46920850-46920950
chr6	46962550	46962650	1188-Lng-A-T	102	chr6:46962550-46962650
chr6	47053150	47053250	1151-Lng-A-T	132	chr6:47053150-47053250
chr6	47332750	47332850	1152-Lng-A-T	145	chr6:47332750-47332850
chr6	47408650	47408750	1152-Lng-A-T	85	chr6:47408650-47408750
chr6	47408950	47409050	1223-Lng-A-T	137	chr6:47408950-47409050
chr6	47439150	47439250	1152-Lng-A-T	219	chr6:47439150-47439250
chr6	47474150	47474250	1151-Lng-A-T	73	chr6:47474150-47474250
chr6	47505450	47505550	1090-Lng-A-T	46	chr6:47505450-47505550

Table S2: SB Insertion regions

chr6	47525450	47525550	901-Lng-B-T	160	chr6:47525450-47525550
chr6	47593250	47593350	1223-Lng-C-T	53	chr6:47593250-47593350
chr6	47790750	47790850	1090-Lng-A-T	67	chr6:47790750-47790850
chr6	47805650	47805750	846-Lng-A-T	51	chr6:47805650-47805750
chr6	48034450	48034550	1223-Lng-D-T	216	chr6:48034450-48034550
chr6	48604850	48604950	1090-Lng-A-T	44	chr6:48604850-48604950
chr6	48779850	48779950	1090-Lng-A-T	60	chr6:48779850-48779950
chr6	48906150	48906250	1152-Lng-A-T	38	chr6:48906150-48906250
chr6	49043350	49043450	1274-Lng-A-T	76	chr6:49043350-49043450
chr6	49058250	49058350	1188-Lng-A-T	121	chr6:49058250-49058350
chr6	49192850	49192950	1151-Lng-A-T	163	chr6:49192850-49192950
chr6	49193150	49193250	1100-Lng-A-T	217	chr6:49193150-49193250
chr6	49195250	49195350	1152-Lng-A-T	41	chr6:49195250-49195350
chr6	49200450	49200550	1004-Lng-A-T	534	chr6:49200450-49200550
chr6	49357250	49357350	1004-Lng-A-T	68	chr6:49357250-49357350
chr6	49995450	49995550	901-Lng-C-T	169	chr6:49995450-49995550
chr6	50019250	50019350	1004-Lng-A-T	61	chr6:50019250-50019350
chr6	50092450	50092550	846-Lng-A-T	83	chr6:50092450-50092550
chr6	50137150	50137250	1072-Lng-A-T	216	chr6:50137150-50137250
chr6	50143750	50143850	1274-Lng-A-T	119	chr6:50143750-50143850
chr6	50321150	50321250	1004-Lng-A-T	693	chr6:50321150-50321250
chr6	50344950	50345050	1223-Lng-B-T	63	chr6:50344950-50345050
chr6	50417150	50417250	1188-Lng-A-T	36	chr6:50417150-50417250
chr6	50529650	50529750	1100-Lng-A-T	95	chr6:50529650-50529750
chr6	50741050	50741150	1065-Lng-C-T	124	chr6:50741050-50741150
chr6	51195050	51195150	846-Lng-A-T	165	chr6:51195050-51195150
chr6	51422750	51422850	1100-Lng-A-T	69	chr6:51422750-51422850
chr6	51466450	51466550	1004-Lng-A-T	110	chr6:51466450-51466550
chr6	51504750	51504850	1223-Lng-A-T	108	chr6:51504750-51504850
chr6	51855850	51855950	1274-Lng-A-T	192	chr6:51855850-51855950
chr6	51873450	51873550	1274-Lng-A-T	52	chr6:51873450-51873550
chr6	51886050	51886150	1223-Lng-B-T	40	chr6:51886050-51886150
chr6	51937150	51937250	1223-Lng-B-T	38	chr6:51937150-51937250
chr6	51961550	51961650	1151-Lng-A-T	108	chr6:51961550-51961650
chr6	51969850	51969950	901-Lng-A-T	123	chr6:51969850-51969950
chr6	52450850	52450950	1065-Lng-B-T	120	chr6:52450850-52450950
chr6	52497650	52497750	1004-Lng-A-T	111	chr6:52497650-52497750
chr6	52501350	52501450	1151-Lng-A-T	57	chr6:52501350-52501450
chr6	52507250	52507350	901-Lng-C-T	120	chr6:52507250-52507350
chr6	52514750	52514850	901-Lng-D-T	379	chr6:52514750-52514850
chr6	52523750	52523850	1274-Lng-A-T	167	chr6:52523750-52523850
chr6	52690850	52690950	1223-Lng-D-T	45	chr6:52690850-52690950
chr6	52755750	52755850	1274-Lng-A-T	52	chr6:52755750-52755850
chr6	52903950	52904050	846-Lng-A-T	107	chr6:52903950-52904050
chr6	53019750	53019850	1072-Lng-A-T	231	chr6:53019750-53019850
chr6	53325150	53325250	1004-Lng-A-T	106	chr6:53325150-53325250

Table S2: SB Insertion regions

chr6	53504250	53504350	1223-Lng-C-T	49	chr6:53504250-53504350
chr6	53782450	53782550	1065-Lng-B-T	55	chr6:53782450-53782550
chr6	53861050	53861150	901-Lng-C-T	33	chr6:53861050-53861150
chr6	53915650	53915750	1090-Lng-B-T	258	chr6:53915650-53915750
chr6	54137350	54137450	1065-Lng-A-T	73	chr6:54137350-54137450
chr6	54155150	54155250	1152-Lng-A-T	32	chr6:54155150-54155250
chr6	54159650	54159750	1167-Lng-A-T	45	chr6:54159650-54159750
chr6	54255750	54255850	1072-Lng-A-T	99	chr6:54255750-54255850
chr6	54283850	54283950	1274-Lng-A-T	131	chr6:54283850-54283950
chr6	54339950	54340050	1167-Lng-A-T	57	chr6:54339950-54340050
chr6	54385250	54385350	1274-Lng-A-T	160	chr6:54385250-54385350
chr6	54399350	54399450	1065-Lng-B-T	113	chr6:54399350-54399450
chr6	54421050	54421150	901-Lng-A-T	747	chr6:54421050-54421150
chr6	54421750	54421850	1274-Lng-A-T	83	chr6:54421750-54421850
chr6	54522150	54522250	1223-Lng-B-T	44	chr6:54522150-54522250
chr6	54745750	54745850	1100-Lng-A-T	65	chr6:54745750-54745850
chr6	54761050	54761150	1065-Lng-C-T	90	chr6:54761050-54761150
chr6	54795850	54795950	1072-Lng-A-T	109	chr6:54795850-54795950
chr6	54808150	54808250	901-Lng-C-T	57	chr6:54808150-54808250
chr6	54812750	54812850	1090-Lng-A-T	51	chr6:54812750-54812850
chr6	54919150	54919250	1072-Lng-A-T	156	chr6:54919150-54919250
chr6	55198350	55198450	1223-Lng-C-T	69	chr6:55198350-55198450
chr6	55562350	55562450	901-Lng-A-T	133	chr6:55562350-55562450
chr6	55716050	55716150	901-Lng-B-T	102	chr6:55716050-55716150
chr6	55839750	55839850	1065-Lng-A-T	77	chr6:55839750-55839850
chr6	55920350	55920450	1072-Lng-A-T	78	chr6:55920350-55920450
chr6	56232150	56232250	846-Lng-A-T	79	chr6:56232150-56232250
chr6	56293750	56293850	901-Lng-C-T	35	chr6:56293750-56293850
chr6	56453050	56453150	1090-Lng-A-T	271	chr6:56453050-56453150
chr6	56676950	56677050	901-Lng-C-T	61	chr6:56676950-56677050
chr6	56692550	56692650	1065-Lng-A-T	71	chr6:56692550-56692650
chr6	56716950	56717050	901-Lng-C-T	2107	chr6:56716950-56717050
chr6	56727050	56727150	1151-Lng-A-T	78	chr6:56727050-56727150
chr6	56897050	56897150	1100-Lng-B-T	51	chr6:56897050-56897150
chr6	57451750	57451850	1188-Lng-A-T	40	chr6:57451750-57451850
chr6	57466350	57466450	901-Lng-C-T	32	chr6:57466350-57466450
chr6	57717350	57717450	1274-Lng-A-T	120	chr6:57717350-57717450
chr6	57956950	57957050	1065-Lng-B-T	51	chr6:57956950-57957050
chr6	58161250	58161350	1151-Lng-A-T	81	chr6:58161250-58161350
chr6	58195650	58195750	901-Lng-B-T	109	chr6:58195650-58195750
chr6	58390150	58390250	901-Lng-C-T	233	chr6:58390150-58390250
chr6	58407050	58407150	901-Lng-D-T	327	chr6:58407050-58407150
chr6	58596250	58596350	1151-Lng-A-T	72	chr6:58596250-58596350
chr6	58628350	58628450	1152-Lng-A-T	84	chr6:58628350-58628450
chr6	58775850	58775950	1072-Lng-A-T	160	chr6:58775850-58775950
chr6	58786350	58786450	1274-Lng-A-T	299	chr6:58786350-58786450

Table S2: SB Insertion regions

chr6	58800850	58800950	1065-Lng-A-T	55	chr6:58800850-58800950
chr6	58814950	58815050	1065-Lng-B-T	46	chr6:58814950-58815050
chr6	58954250	58954350	1072-Lng-A-T	54	chr6:58954250-58954350
chr6	58960550	58960650	901-Lng-B-T	73	chr6:58960550-58960650
chr6	59162350	59162450	1188-Lng-A-T	36	chr6:59162350-59162450
chr6	59166250	59166350	846-Lng-A-T	100	chr6:59166250-59166350
chr6	59173650	59173750	1072-Lng-A-T	205	chr6:59173650-59173750
chr6	59197050	59197150	1100-Lng-A-T	111	chr6:59197050-59197150
chr6	59201550	59201650	1188-Lng-A-T	279	chr6:59201550-59201650
chr6	59204350	59204450	1065-Lng-C-T	77	chr6:59204350-59204450
chr6	59339750	59339850	1274-Lng-A-T	68	chr6:59339750-59339850
chr6	59444450	59444550	1065-Lng-A-T	136	chr6:59444450-59444550
chr6	59479750	59479850	1090-Lng-A-T	66	chr6:59479750-59479850
chr6	59868150	59868250	1065-Lng-C-T	936	chr6:59868150-59868250
chr6	59970850	59970950	1072-Lng-A-T	77	chr6:59970850-59970950
chr6	60077150	60077250	1072-Lng-A-T	234	chr6:60077150-60077250
chr6	60082950	60083050	1065-Lng-A-T	76	chr6:60082950-60083050
chr6	60090150	60090250	1090-Lng-B-T	83	chr6:60090150-60090250
chr6	60283250	60283350	1100-Lng-A-T	74	chr6:60283250-60283350
chr6	60516750	60516850	1223-Lng-D-T	42	chr6:60516750-60516850
chr6	60794950	60795050	1223-Lng-B-T	278	chr6:60794950-60795050
chr6	61068350	61068450	901-Lng-B-T	43	chr6:61068350-61068450
chr6	61071250	61071350	846-Lng-A-T	111	chr6:61071250-61071350
chr6	61160450	61160550	901-Lng-D-T	37	chr6:61160450-61160550
chr6	61164850	61164950	1090-Lng-A-T	84	chr6:61164850-61164950
chr6	61196550	61196650	1274-Lng-A-T	86	chr6:61196550-61196650
chr6	61347050	61347150	1223-Lng-C-T	52	chr6:61347050-61347150
chr6	61455050	61455150	901-Lng-B-T	66	chr6:61455050-61455150
chr6	61475350	61475450	1223-Lng-C-T	43	chr6:61475350-61475450
chr6	61476150	61476250	1065-Lng-B-T	230	chr6:61476150-61476250
chr6	61476650	61476750	1072-Lng-A-T	97	chr6:61476650-61476750
chr6	61487450	61487550	901-Lng-B-T	615	chr6:61487450-61487550
chr6	61490850	61490950	1223-Lng-C-T	53	chr6:61490850-61490950
chr6	61966150	61966250	901-Lng-A-T	68	chr6:61966150-61966250
chr6	62219650	62219750	1090-Lng-A-T	77	chr6:62219650-62219750
chr6	62261650	62261750	1065-Lng-B-T	74	chr6:62261650-62261750
chr6	62456050	62456150	1188-Lng-A-T	39	chr6:62456050-62456150
chr6	62592450	62592550	846-Lng-A-T	104	chr6:62592450-62592550
chr6	63209650	63209750	901-Lng-C-T	61	chr6:63209650-63209750
chr6	63679950	63680050	1065-Lng-A-T	47	chr6:63679950-63680050
chr6	63917950	63918050	1065-Lng-A-T	92	chr6:63917950-63918050
chr6	63930750	63930850	1065-Lng-A-T	63	chr6:63930750-63930850
chr6	63953950	63954050	1065-Lng-C-T	61	chr6:63953950-63954050
chr6	64026750	64026850	1065-Lng-B-T	47	chr6:64026750-64026850
chr6	64096750	64096850	1072-Lng-A-T	209	chr6:64096750-64096850
chr6	64117950	64118050	901-Lng-A-T	121	chr6:64117950-64118050

Table S2: SB Insertion regions

chr6	64146250	64146350	1065-Lng-C-T	62	chr6:64146250-64146350
chr6	64344850	64344950	901-Lng-C-T	71	chr6:64344850-64344950
chr6	64548050	64548150	1004-Lng-A-T	104	chr6:64548050-64548150
chr6	64550550	64550650	1151-Lng-A-T	67	chr6:64550550-64550650
chr6	64718750	64718850	1188-Lng-A-T	40	chr6:64718750-64718850
chr6	64746250	64746350	1151-Lng-A-T	60	chr6:64746250-64746350
chr6	65059450	65059550	1167-Lng-A-T	110	chr6:65059450-65059550
chr6	65062950	65063050	1223-Lng-B-T	1342	chr6:65062950-65063050
chr6	65091650	65091750	1072-Lng-A-T	124	chr6:65091650-65091750
chr6	65387450	65387550	901-Lng-C-T	55	chr6:65387450-65387550
chr6	65448850	65448950	1223-Lng-B-T	278	chr6:65448850-65448950
chr6	65540950	65541050	1090-Lng-A-T	87	chr6:65540950-65541050
chr6	65561950	65562050	1223-Lng-B-T	39	chr6:65561950-65562050
chr6	65573350	65573450	1152-Lng-A-T	54	chr6:65573350-65573450
chr6	65786750	65786850	901-Lng-C-T	77	chr6:65786750-65786850
chr6	65857050	65857150	1151-Lng-A-T	242	chr6:65857050-65857150
chr6	65949250	65949350	1167-Lng-A-T	92	chr6:65949250-65949350
chr6	66011350	66011450	1223-Lng-B-T	227	chr6:66011350-66011450
chr6	66057050	66057150	1065-Lng-B-T	86	chr6:66057050-66057150
chr6	66185350	66185450	1100-Lng-A-T	51	chr6:66185350-66185450
chr6	66348350	66348450	1090-Lng-B-T	804	chr6:66348350-66348450
chr6	66633650	66633750	1100-Lng-A-T	64	chr6:66633650-66633750
chr6	66806950	66807050	1151-Lng-A-T	452	chr6:66806950-66807050
chr6	66946650	66946750	1065-Lng-C-T	970	chr6:66946650-66946750
chr6	67021950	67022050	1188-Lng-A-T	42	chr6:67021950-67022050
chr6	67247150	67247250	1274-Lng-A-T	163	chr6:67247150-67247250
chr6	67323850	67323950	1065-Lng-A-T	60	chr6:67323850-67323950
chr6	67472850	67472950	1072-Lng-A-T	125	chr6:67472850-67472950
chr6	67477650	67477750	1188-Lng-A-T	75	chr6:67477650-67477750
chr6	67797850	67797950	1152-Lng-A-T	301	chr6:67797850-67797950
chr6	67905650	67905750	1065-Lng-A-T	132	chr6:67905650-67905750
chr6	67933950	67934050	1065-Lng-C-T	67	chr6:67933950-67934050
chr6	67934250	67934350	1274-Lng-A-T	51	chr6:67934250-67934350
chr6	67951850	67951950	1065-Lng-A-T	81	chr6:67951850-67951950
chr6	68462350	68462450	901-Lng-C-T	76	chr6:68462350-68462450
chr6	68540650	68540750	901-Lng-D-T	430	chr6:68540650-68540750
chr6	68839550	68839650	1065-Lng-A-T	61	chr6:68839550-68839650
chr6	68960250	68960350	1152-Lng-A-T	104	chr6:68960250-68960350
chr6	69003350	69003450	1004-Lng-A-T	91	chr6:69003350-69003450
chr6	69221550	69221650	846-Lng-A-T	590	chr6:69221550-69221650
chr6	69435350	69435450	1152-Lng-A-T	67	chr6:69435350-69435450
chr6	69678950	69679050	901-Lng-C-T	181	chr6:69678950-69679050
chr6	69820150	69820250	1065-Lng-C-T	77	chr6:69820150-69820250
chr6	69866550	69866650	1004-Lng-A-T	74	chr6:69866550-69866650
chr6	69879950	69880050	1151-Lng-A-T	54	chr6:69879950-69880050
chr6	69879950	69880050	1223-Lng-B-T	37	chr6:69879950-69880050

Table S2: SB Insertion regions

chr6	69879950	69880050	1090-Lng-A-T	50	chr6:69879950-69880050
chr6	69879950	69880050	901-Lng-A-T	72	chr6:69879950-69880050
chr6	69879950	69880050	1065-Lng-A-T	51	chr6:69879950-69880050
chr6	69879950	69880050	1072-Lng-A-T	103	chr6:69879950-69880050
chr6	69879950	69880050	1152-Lng-A-T	34	chr6:69879950-69880050
chr6	69879950	69880050	1188-Lng-A-T	45	chr6:69879950-69880050
chr6	69879950	69880050	901-Lng-B-T	39	chr6:69879950-69880050
chr6	69912250	69912350	901-Lng-D-T	913	chr6:69912250-69912350
chr6	69983750	69983850	1065-Lng-A-T	73	chr6:69983750-69983850
chr6	70385650	70385750	1100-Lng-A-T	72	chr6:70385650-70385750
chr6	70630950	70631050	1065-Lng-A-T	62	chr6:70630950-70631050
chr6	70733950	70734050	1151-Lng-A-T	93	chr6:70733950-70734050
chr6	70820750	70820850	1100-Lng-B-T	6507	chr6:70820750-70820850
chr6	70841350	70841450	1274-Lng-A-T	74	chr6:70841350-70841450
chr6	71060250	71060350	1223-Lng-A-T	73	chr6:71060250-71060350
chr6	71230350	71230450	1274-Lng-A-T	133	chr6:71230350-71230450
chr6	71327150	71327250	1065-Lng-A-T	44	chr6:71327150-71327250
chr6	71343950	71344050	1090-Lng-A-T	44	chr6:71343950-71344050
chr6	71349450	71349550	1100-Lng-A-T	58	chr6:71349450-71349550
chr6	71371350	71371450	1223-Lng-C-T	43	chr6:71371350-71371450
chr6	71372850	71372950	901-Lng-D-T	144	chr6:71372850-71372950
chr6	71520850	71520950	1152-Lng-A-T	83	chr6:71520850-71520950
chr6	71793350	71793450	1274-Lng-A-T	173	chr6:71793350-71793450
chr6	72085950	72086050	1223-Lng-A-T	177	chr6:72085950-72086050
chr6	72178950	72179050	1100-Lng-A-T	63	chr6:72178950-72179050
chr6	72229750	72229850	1151-Lng-A-T	69	chr6:72229750-72229850
chr6	72248950	72249050	1090-Lng-A-T	54	chr6:72248950-72249050
chr6	72289050	72289150	1223-Lng-B-T	46	chr6:72289050-72289150
chr6	72293550	72293650	1223-Lng-B-T	88	chr6:72293550-72293650
chr6	72317050	72317150	1223-Lng-B-T	41	chr6:72317050-72317150
chr6	72545550	72545650	846-Lng-A-T	160	chr6:72545550-72545650
chr6	72732550	72732650	1274-Lng-A-T	73	chr6:72732550-72732650
chr6	72735750	72735850	1151-Lng-A-T	360	chr6:72735750-72735850
chr6	72792650	72792750	1065-Lng-B-T	575	chr6:72792650-72792750
chr6	72796650	72796750	1100-Lng-A-T	81	chr6:72796650-72796750
chr6	72799950	72800050	901-Lng-A-T	58	chr6:72799950-72800050
chr6	72824650	72824750	1223-Lng-A-T	97	chr6:72824650-72824750
chr6	72826050	72826150	1100-Lng-A-T	160	chr6:72826050-72826150
chr6	72839350	72839450	1100-Lng-A-T	99	chr6:72839350-72839450
chr6	72923850	72923950	1223-Lng-C-T	46	chr6:72923850-72923950
chr6	72943950	72944050	1065-Lng-C-T	116	chr6:72943950-72944050
chr6	73110650	73110750	901-Lng-C-T	83	chr6:73110650-73110750
chr6	73172250	73172350	1065-Lng-C-T	87	chr6:73172250-73172350
chr6	73288050	73288150	901-Lng-B-T	98	chr6:73288050-73288150
chr6	73563050	73563150	1100-Lng-A-T	142	chr6:73563050-73563150
chr6	73857950	73858050	901-Lng-A-T	141	chr6:73857950-73858050

Table S2: SB Insertion regions

chr6	74083150	74083250	1004-Lng-A-T	80	chr6:74083150-74083250
chr6	74175850	74175950	1072-Lng-A-T	48	chr6:74175850-74175950
chr6	74533450	74533550	901-Lng-B-T	216	chr6:74533450-74533550
chr6	74638550	74638650	901-Lng-B-T	108	chr6:74638550-74638650
chr6	74873650	74873750	901-Lng-D-T	163	chr6:74873650-74873750
chr6	75159650	75159750	901-Lng-A-T	76	chr6:75159650-75159750
chr6	75167850	75167950	1065-Lng-B-T	77	chr6:75167850-75167950
chr6	75347850	75347950	1072-Lng-A-T	49	chr6:75347850-75347950
chr6	75370650	75370750	901-Lng-A-T	390	chr6:75370650-75370750
chr6	75372450	75372550	1274-Lng-A-T	88	chr6:75372450-75372550
chr6	75392650	75392750	901-Lng-C-T	56	chr6:75392650-75392750
chr6	75447150	75447250	1072-Lng-A-T	251	chr6:75447150-75447250
chr6	75538950	75539050	846-Lng-A-T	107	chr6:75538950-75539050
chr6	75844650	75844750	1065-Lng-C-T	81	chr6:75844650-75844750
chr6	75853550	75853650	1004-Lng-A-T	53	chr6:75853550-75853650
chr6	76064250	76064350	1004-Lng-A-T	69	chr6:76064250-76064350
chr6	76450350	76450450	1065-Lng-A-T	51	chr6:76450350-76450450
chr6	76551750	76551850	1004-Lng-A-T	61	chr6:76551750-76551850
chr6	76682350	76682450	901-Lng-A-T	177	chr6:76682350-76682450
chr6	77101450	77101550	1167-Lng-A-T	98	chr6:77101450-77101550
chr6	77208650	77208750	1274-Lng-A-T	65	chr6:77208650-77208750
chr6	77290950	77291050	1065-Lng-B-T	39	chr6:77290950-77291050
chr6	77329650	77329750	1065-Lng-C-T	72	chr6:77329650-77329750
chr6	77441150	77441250	1065-Lng-A-T	46	chr6:77441150-77441250
chr6	77453350	77453450	901-Lng-B-T	122	chr6:77453350-77453450
chr6	77492350	77492450	1152-Lng-A-T	102	chr6:77492350-77492450
chr6	77647650	77647750	1065-Lng-A-T	86	chr6:77647650-77647750
chr6	77649750	77649850	1004-Lng-A-T	85	chr6:77649750-77649850
chr6	77685950	77686050	901-Lng-D-T	495	chr6:77685950-77686050
chr6	77820050	77820150	1151-Lng-A-T	66	chr6:77820050-77820150
chr6	78076950	78077050	1167-Lng-A-T	58	chr6:78076950-78077050
chr6	78332650	78332750	1152-Lng-A-T	107	chr6:78332650-78332750
chr6	78445350	78445450	1065-Lng-C-T	81	chr6:78445350-78445450
chr6	78770950	78771050	1152-Lng-A-T	34	chr6:78770950-78771050
chr6	78809550	78809650	1223-Lng-B-T	47	chr6:78809550-78809650
chr6	78912850	78912950	901-Lng-C-T	148	chr6:78912850-78912950
chr6	78964250	78964350	1004-Lng-A-T	49	chr6:78964250-78964350
chr6	79015250	79015350	901-Lng-B-T	253	chr6:79015250-79015350
chr6	79349750	79349850	1223-Lng-C-T	45	chr6:79349750-79349850
chr6	79475850	79475950	901-Lng-D-T	709	chr6:79475850-79475950
chr6	79557050	79557150	1152-Lng-A-T	76	chr6:79557050-79557150
chr6	79644050	79644150	1274-Lng-A-T	110	chr6:79644050-79644150
chr6	79695450	79695550	901-Lng-D-T	191	chr6:79695450-79695550
chr6	79746150	79746250	1090-Lng-B-T	178	chr6:79746150-79746250
chr6	79978450	79978550	846-Lng-A-T	80	chr6:79978450-79978550
chr6	80088650	80088750	1274-Lng-A-T	225	chr6:80088650-80088750

Table S2: SB Insertion regions

chr6	80091250	80091350	1223-Lng-A-T	249	chr6:80091250-80091350
chr6	80162050	80162150	1004-Lng-A-T	118	chr6:80162050-80162150
chr6	80312750	80312850	1004-Lng-A-T	64	chr6:80312750-80312850
chr6	80320250	80320350	1090-Lng-A-T	110	chr6:80320250-80320350
chr6	80534850	80534950	1072-Lng-A-T	53	chr6:80534850-80534950
chr6	80762050	80762150	901-Lng-B-T	430	chr6:80762050-80762150
chr6	80790050	80790150	1274-Lng-A-T	70	chr6:80790050-80790150
chr6	80998250	80998350	901-Lng-B-T	36	chr6:80998250-80998350
chr6	81172850	81172950	1065-Lng-A-T	503	chr6:81172850-81172950
chr6	81207150	81207250	1065-Lng-A-T	40	chr6:81207150-81207250
chr6	81371550	81371650	1004-Lng-A-T	114	chr6:81371550-81371650
chr6	81456450	81456550	1274-Lng-A-T	165	chr6:81456450-81456550
chr6	81458450	81458550	1065-Lng-C-T	61	chr6:81458450-81458550
chr6	81458450	81458550	1072-Lng-A-T	101	chr6:81458450-81458550
chr6	81543750	81543850	1223-Lng-B-T	45	chr6:81543750-81543850
chr6	81811850	81811950	1065-Lng-C-T	61	chr6:81811850-81811950
chr6	82030850	82030950	1223-Lng-B-T	34	chr6:82030850-82030950
chr6	82149050	82149150	1090-Lng-A-T	253	chr6:82149050-82149150
chr6	82566050	82566150	901-Lng-D-T	390	chr6:82566050-82566150
chr6	82696450	82696550	1223-Lng-B-T	287	chr6:82696450-82696550
chr6	82745350	82745450	1065-Lng-A-T	102	chr6:82745350-82745450
chr6	82758850	82758950	901-Lng-A-T	293	chr6:82758850-82758950
chr6	82844350	82844450	1004-Lng-A-T	56	chr6:82844350-82844450
chr6	82848650	82848750	901-Lng-A-T	89	chr6:82848650-82848750
chr6	82892050	82892150	1065-Lng-B-T	41	chr6:82892050-82892150
chr6	83038350	83038450	1167-Lng-A-T	264	chr6:83038350-83038450
chr6	83063350	83063450	1167-Lng-A-T	67	chr6:83063350-83063450
chr6	83203850	83203950	1188-Lng-A-T	40	chr6:83203850-83203950
chr6	83397450	83397550	1152-Lng-A-T	49	chr6:83397450-83397550
chr6	83449450	83449550	1223-Lng-D-T	389	chr6:83449450-83449550
chr6	83560150	83560250	901-Lng-C-T	168	chr6:83560150-83560250
chr6	83753650	83753750	1274-Lng-A-T	55	chr6:83753650-83753750
chr6	83787350	83787450	1151-Lng-A-T	82	chr6:83787350-83787450
chr6	83881950	83882050	1151-Lng-A-T	273	chr6:83881950-83882050
chr6	83890650	83890750	1223-Lng-B-T	48	chr6:83890650-83890750
chr6	83900550	83900650	1152-Lng-A-T	42	chr6:83900550-83900650
chr6	83918550	83918650	846-Lng-A-T	215	chr6:83918550-83918650
chr6	83925950	83926050	1100-Lng-A-T	98	chr6:83925950-83926050
chr6	84126350	84126450	1065-Lng-C-T	95	chr6:84126350-84126450
chr6	84168850	84168950	1223-Lng-C-T	46	chr6:84168850-84168950
chr6	84600350	84600450	1223-Lng-C-T	73	chr6:84600350-84600450
chr6	84797950	84798050	1004-Lng-A-T	105	chr6:84797950-84798050
chr6	84844450	84844550	1223-Lng-B-T	125	chr6:84844450-84844550
chr6	84856150	84856250	1188-Lng-A-T	43	chr6:84856150-84856250
chr6	84908050	84908150	1152-Lng-A-T	99	chr6:84908050-84908150
chr6	85014850	85014950	1223-Lng-B-T	210	chr6:85014850-85014950

Table S2: SB Insertion regions

chr6	85223150	85223250	1274-Lng-A-T	51	chr6:85223150-85223250
chr6	85223550	85223650	1151-Lng-A-T	166	chr6:85223550-85223650
chr6	85259950	85260050	1223-Lng-B-T	43	chr6:85259950-85260050
chr6	85285850	85285950	1100-Lng-B-T	68	chr6:85285850-85285950
chr6	85393450	85393550	1167-Lng-A-T	136	chr6:85393450-85393550
chr6	85393950	85394050	1072-Lng-A-T	79	chr6:85393950-85394050
chr6	85400650	85400750	1065-Lng-B-T	74	chr6:85400650-85400750
chr6	85405550	85405650	901-Lng-A-T	63	chr6:85405550-85405650
chr6	85410350	85410450	1152-Lng-A-T	60	chr6:85410350-85410450
chr6	85515950	85516050	901-Lng-B-T	179	chr6:85515950-85516050
chr6	85806450	85806550	1065-Lng-B-T	67	chr6:85806450-85806550
chr6	85869650	85869750	1188-Lng-A-T	47	chr6:85869650-85869750
chr6	85882350	85882450	1100-Lng-A-T	112	chr6:85882350-85882450
chr6	85908250	85908350	1152-Lng-A-T	86	chr6:85908250-85908350
chr6	86062850	86062950	1167-Lng-A-T	127	chr6:86062850-86062950
chr6	86076050	86076150	1167-Lng-A-T	93	chr6:86076050-86076150
chr6	86147950	86148050	1167-Lng-A-T	55	chr6:86147950-86148050
chr6	86211950	86212050	1188-Lng-A-T	34	chr6:86211950-86212050
chr6	86239450	86239550	1065-Lng-B-T	56	chr6:86239450-86239550
chr6	86374650	86374750	901-Lng-C-T	46	chr6:86374650-86374750
chr6	86515850	86515950	1004-Lng-A-T	56	chr6:86515850-86515950
chr6	86571950	86572050	1090-Lng-B-T	161	chr6:86571950-86572050
chr6	86596750	86596850	1065-Lng-A-T	43	chr6:86596750-86596850
chr6	86607950	86608050	1151-Lng-A-T	67	chr6:86607950-86608050
chr6	86641750	86641850	1274-Lng-A-T	162	chr6:86641750-86641850
chr6	86722950	86723050	901-Lng-B-T	78	chr6:86722950-86723050
chr6	86803250	86803350	1152-Lng-A-T	125	chr6:86803250-86803350
chr6	86804250	86804350	1188-Lng-A-T	35	chr6:86804250-86804350
chr6	86863650	86863750	1167-Lng-A-T	58	chr6:86863650-86863750
chr6	86889450	86889550	1188-Lng-A-T	36	chr6:86889450-86889550
chr6	86895950	86896050	1004-Lng-A-T	105	chr6:86895950-86896050
chr6	86957250	86957350	901-Lng-A-T	408	chr6:86957250-86957350
chr6	87008850	87008950	1188-Lng-A-T	1900	chr6:87008850-87008950
chr6	87076650	87076750	846-Lng-A-T	84	chr6:87076650-87076750
chr6	87122150	87122250	1004-Lng-A-T	86	chr6:87122150-87122250
chr6	87134650	87134750	1223-Lng-D-T	41	chr6:87134650-87134750
chr6	87221250	87221350	1100-Lng-A-T	82	chr6:87221250-87221350
chr6	87369750	87369850	1223-Lng-A-T	168	chr6:87369750-87369850
chr6	87637950	87638050	1100-Lng-B-T	51	chr6:87637950-87638050
chr6	87870650	87870750	901-Lng-C-T	63	chr6:87870650-87870750
chr6	87966050	87966150	1065-Lng-B-T	46	chr6:87966050-87966150
chr6	87994150	87994250	1223-Lng-D-T	2564	chr6:87994150-87994250
chr6	88044850	88044950	901-Lng-A-T	67	chr6:88044850-88044950
chr6	88077650	88077750	901-Lng-B-T	91	chr6:88077650-88077750
chr6	88187750	88187850	1188-Lng-A-T	34	chr6:88187750-88187850
chr6	88268250	88268350	1274-Lng-A-T	80	chr6:88268250-88268350

Table S2: SB Insertion regions

chr6	88291350	88291450	1090-Lng-A-T	80	chr6:88291350-88291450
chr6	88343050	88343150	1090-Lng-A-T	150	chr6:88343050-88343150
chr6	88374250	88374350	1090-Lng-B-T	474	chr6:88374250-88374350
chr6	88603150	88603250	1065-Lng-B-T	123	chr6:88603150-88603250
chr6	88699850	88699950	1274-Lng-A-T	67	chr6:88699850-88699950
chr6	88712150	88712250	1004-Lng-A-T	57	chr6:88712150-88712250
chr6	88776450	88776550	1223-Lng-A-T	80	chr6:88776450-88776550
chr6	88884350	88884450	1065-Lng-B-T	51	chr6:88884350-88884450
chr6	89168850	89168950	1167-Lng-A-T	64	chr6:89168850-89168950
chr6	89268250	89268350	901-Lng-D-T	124	chr6:89268250-89268350
chr6	89297250	89297350	1274-Lng-A-T	94	chr6:89297250-89297350
chr6	89331750	89331850	1072-Lng-A-T	188	chr6:89331750-89331850
chr6	89409050	89409150	1090-Lng-A-T	1258	chr6:89409050-89409150
chr6	89620150	89620250	1167-Lng-A-T	106	chr6:89620150-89620250
chr6	89627850	89627950	1065-Lng-A-T	66	chr6:89627850-89627950
chr6	90124450	90124550	1152-Lng-A-T	116	chr6:90124450-90124550
chr6	90326450	90326550	846-Lng-A-T	173	chr6:90326450-90326550
chr6	90326450	90326550	1152-Lng-A-T	349	chr6:90326450-90326550
chr6	90629150	90629250	1223-Lng-B-T	49	chr6:90629150-90629250
chr6	90645250	90645350	1223-Lng-D-T	44	chr6:90645250-90645350
chr6	90748850	90748950	1065-Lng-B-T	76	chr6:90748850-90748950
chr6	90764650	90764750	1152-Lng-A-T	32	chr6:90764650-90764750
chr6	90772850	90772950	1072-Lng-A-T	51	chr6:90772850-90772950
chr6	90791550	90791650	1188-Lng-A-T	58	chr6:90791550-90791650
chr6	90791650	90791750	1188-Lng-A-T	338	chr6:90791650-90791750
chr6	90801950	90802050	901-Lng-A-T	109	chr6:90801950-90802050
chr6	90852850	90852950	1167-Lng-A-T	119	chr6:90852850-90852950
chr6	90852950	90853050	1152-Lng-A-T	35	chr6:90852950-90853050
chr6	90929650	90929750	1072-Lng-A-T	48	chr6:90929650-90929750
chr6	90930750	90930850	1167-Lng-A-T	56	chr6:90930750-90930850
chr6	90945350	90945450	1167-Lng-A-T	69	chr6:90945350-90945450
chr6	91339650	91339750	901-Lng-C-T	84	chr6:91339650-91339750
chr6	91346650	91346750	1152-Lng-A-T	44	chr6:91346650-91346750
chr6	91401150	91401250	1065-Lng-A-T	72	chr6:91401150-91401250
chr6	91674250	91674350	901-Lng-C-T	104	chr6:91674250-91674350
chr6	91767750	91767850	1072-Lng-A-T	51	chr6:91767750-91767850
chr6	91883450	91883550	1223-Lng-D-T	53	chr6:91883450-91883550
chr6	92050150	92050250	901-Lng-A-T	702	chr6:92050150-92050250
chr6	92051250	92051350	1223-Lng-B-T	38	chr6:92051250-92051350
chr6	92062850	92062950	1167-Lng-A-T	53	chr6:92062850-92062950
chr6	92075650	92075750	846-Lng-A-T	50	chr6:92075650-92075750
chr6	92110750	92110850	1065-Lng-C-T	86	chr6:92110750-92110850
chr6	92114650	92114750	1152-Lng-A-T	64	chr6:92114650-92114750
chr6	92587850	92587950	901-Lng-B-T	154	chr6:92587850-92587950
chr6	92655350	92655450	1223-Lng-D-T	63	chr6:92655350-92655450
chr6	92723650	92723750	1188-Lng-A-T	63	chr6:92723650-92723750

Table S2: SB Insertion regions

chr6	92795050	92795150	901-Lng-C-T	29	chr6:92795050-92795150
chr6	92861350	92861450	901-Lng-A-T	161	chr6:92861350-92861450
chr6	92977150	92977250	901-Lng-C-T	45	chr6:92977150-92977250
chr6	93089250	93089350	1065-Lng-A-T	48	chr6:93089250-93089350
chr6	93112950	93113050	1167-Lng-A-T	132	chr6:93112950-93113050
chr6	93136250	93136350	901-Lng-C-T	55	chr6:93136250-93136350
chr6	93196950	93197050	1100-Lng-A-T	88	chr6:93196950-93197050
chr6	93272250	93272350	901-Lng-C-T	68	chr6:93272250-93272350
chr6	93376850	93376950	1065-Lng-C-T	61	chr6:93376850-93376950
chr6	93439050	93439150	1223-Lng-A-T	231	chr6:93439050-93439150
chr6	93677650	93677750	1004-Lng-A-T	82	chr6:93677650-93677750
chr6	93709150	93709250	1065-Lng-B-T	61	chr6:93709150-93709250
chr6	93709550	93709650	901-Lng-A-T	52	chr6:93709550-93709650
chr6	93710650	93710750	901-Lng-C-T	33	chr6:93710650-93710750
chr6	93726550	93726650	1151-Lng-A-T	196	chr6:93726550-93726650
chr6	93733550	93733650	901-Lng-A-T	83	chr6:93733550-93733650
chr6	93733650	93733750	1100-Lng-A-T	59	chr6:93733650-93733750
chr6	93733650	93733750	846-Lng-A-T	100	chr6:93733650-93733750
chr6	93733650	93733750	901-Lng-B-T	122	chr6:93733650-93733750
chr6	93733650	93733750	1004-Lng-A-T	57	chr6:93733650-93733750
chr6	93757850	93757950	1151-Lng-A-T	189	chr6:93757850-93757950
chr6	93815650	93815750	1223-Lng-C-T	47	chr6:93815650-93815750
chr6	93823050	93823150	901-Lng-C-T	919	chr6:93823050-93823150
chr6	93887950	93888050	1065-Lng-C-T	2612	chr6:93887950-93888050
chr6	93912350	93912450	1152-Lng-A-T	77	chr6:93912350-93912450
chr6	93938250	93938350	1167-Lng-A-T	64	chr6:93938250-93938350
chr6	93939550	93939650	901-Lng-C-T	56	chr6:93939550-93939650
chr6	93980150	93980250	1065-Lng-B-T	79	chr6:93980150-93980250
chr6	93988650	93988750	846-Lng-A-T	99	chr6:93988650-93988750
chr6	93990650	93990750	1274-Lng-A-T	52	chr6:93990650-93990750
chr6	94002550	94002650	901-Lng-D-T	60	chr6:94002550-94002650
chr6	94036150	94036250	1065-Lng-A-T	91	chr6:94036150-94036250
chr6	94036450	94036550	901-Lng-C-T	32	chr6:94036450-94036550
chr6	94054550	94054650	1223-Lng-A-T	265	chr6:94054550-94054650
chr6	94064050	94064150	1152-Lng-A-T	38	chr6:94064050-94064150
chr6	94069950	94070050	1065-Lng-C-T	67	chr6:94069950-94070050
chr6	94106750	94106850	1152-Lng-A-T	125	chr6:94106750-94106850
chr6	94160750	94160850	1065-Lng-B-T	76	chr6:94160750-94160850
chr6	94163750	94163850	1004-Lng-A-T	90	chr6:94163750-94163850
chr6	94182950	94183050	1223-Lng-A-T	97	chr6:94182950-94183050
chr6	94191850	94191950	1152-Lng-A-T	162	chr6:94191850-94191950
chr6	94200050	94200150	901-Lng-A-T	67	chr6:94200050-94200150
chr6	94213250	94213350	901-Lng-D-T	171	chr6:94213250-94213350
chr6	94229650	94229750	1274-Lng-A-T	50	chr6:94229650-94229750
chr6	94231250	94231350	1100-Lng-B-T	73	chr6:94231250-94231350
chr6	94248550	94248650	1151-Lng-A-T	58	chr6:94248550-94248650

Table S2: SB Insertion regions

chr6	94452150	94452250	1223-Lng-A-T	183	chr6:94452150-94452250
chr6	94513950	94514050	1223-Lng-C-T	45	chr6:94513950-94514050
chr6	94554850	94554950	901-Lng-A-T	69	chr6:94554850-94554950
chr6	94585150	94585250	901-Lng-B-T	78	chr6:94585150-94585250
chr6	94589850	94589950	1274-Lng-A-T	58	chr6:94589850-94589950
chr6	94629150	94629250	846-Lng-A-T	130	chr6:94629150-94629250
chr6	94633450	94633550	901-Lng-D-T	98	chr6:94633450-94633550
chr6	94636050	94636150	1274-Lng-A-T	143	chr6:94636050-94636150
chr6	94647550	94647650	901-Lng-D-T	108	chr6:94647550-94647650
chr6	94699150	94699250	1223-Lng-A-T	79	chr6:94699150-94699250
chr6	94931250	94931350	1223-Lng-B-T	38	chr6:94931250-94931350
chr6	94958850	94958950	901-Lng-A-T	433	chr6:94958850-94958950
chr6	95144950	95145050	1223-Lng-A-T	1123	chr6:95144950-95145050
chr6	95188250	95188350	1065-Lng-A-T	39	chr6:95188250-95188350
chr6	95374850	95374950	901-Lng-C-T	171	chr6:95374850-95374950
chr6	95518850	95518950	1274-Lng-A-T	88	chr6:95518850-95518950
chr6	95636850	95636950	1151-Lng-A-T	77	chr6:95636850-95636950
chr6	95878850	95878950	1274-Lng-A-T	141	chr6:95878850-95878950
chr6	96194150	96194250	1004-Lng-A-T	54	chr6:96194150-96194250
chr6	96204450	96204550	1065-Lng-A-T	888	chr6:96204450-96204550
chr6	96223350	96223450	1100-Lng-A-T	103	chr6:96223350-96223450
chr6	96272350	96272450	1152-Lng-A-T	61	chr6:96272350-96272450
chr6	96272450	96272550	1151-Lng-A-T	55	chr6:96272450-96272550
chr6	96351550	96351650	1065-Lng-C-T	71	chr6:96351550-96351650
chr6	96960050	96960150	1004-Lng-A-T	83	chr6:96960050-96960150
chr6	97127450	97127550	901-Lng-B-T	256	chr6:97127450-97127550
chr6	97146450	97146550	901-Lng-B-T	57	chr6:97146450-97146550
chr6	97150450	97150550	1090-Lng-A-T	48	chr6:97150450-97150550
chr6	97253450	97253550	1065-Lng-A-T	651	chr6:97253450-97253550
chr6	97583150	97583250	901-Lng-C-T	69	chr6:97583150-97583250
chr6	97701950	97702050	1223-Lng-A-T	74	chr6:97701950-97702050
chr6	97753450	97753550	1223-Lng-C-T	46	chr6:97753450-97753550
chr6	97801450	97801550	1065-Lng-A-T	40	chr6:97801450-97801550
chr6	97957750	97957850	1167-Lng-A-T	113	chr6:97957750-97957850
chr6	98239850	98239950	1223-Lng-C-T	52	chr6:98239850-98239950
chr6	98549050	98549150	1223-Lng-A-T	83	chr6:98549050-98549150
chr6	98729350	98729450	1152-Lng-A-T	54	chr6:98729350-98729450
chr6	98844550	98844650	1065-Lng-A-T	57	chr6:98844550-98844650
chr6	98950650	98950750	1004-Lng-A-T	51	chr6:98950650-98950750
chr6	99010550	99010650	1100-Lng-B-T	51	chr6:99010550-99010650
chr6	99033450	99033550	1065-Lng-C-T	80	chr6:99033450-99033550
chr6	99050950	99051050	1065-Lng-C-T	304	chr6:99050950-99051050
chr6	99057350	99057450	1167-Lng-A-T	80	chr6:99057350-99057450
chr6	99093550	99093650	1065-Lng-A-T	59	chr6:99093550-99093650
chr6	99111050	99111150	1065-Lng-B-T	957	chr6:99111050-99111150
chr6	99126950	99127050	1065-Lng-B-T	226	chr6:99126950-99127050

Table S2: SB Insertion regions

chr6	99248750	99248850	901-Lng-A-T	58	chr6:99248750-99248850
chr6	99254450	99254550	1100-Lng-A-T	82	chr6:99254450-99254550
chr6	99279350	99279450	1223-Lng-D-T	44	chr6:99279350-99279450
chr6	99279350	99279450	901-Lng-C-T	45	chr6:99279350-99279450
chr6	99351350	99351450	1100-Lng-A-T	112	chr6:99351350-99351450
chr6	99378550	99378650	901-Lng-D-T	138	chr6:99378550-99378650
chr6	99409550	99409650	1152-Lng-A-T	35	chr6:99409550-99409650
chr6	99418750	99418850	901-Lng-C-T	30	chr6:99418750-99418850
chr6	99489350	99489450	1274-Lng-A-T	136	chr6:99489350-99489450
chr6	99589550	99589650	1274-Lng-A-T	88	chr6:99589550-99589650
chr6	99927150	99927250	1065-Lng-A-T	75	chr6:99927150-99927250
chr6	99937750	99937850	1274-Lng-A-T	90	chr6:99937750-99937850
chr6	99987150	99987250	1090-Lng-A-T	67	chr6:99987150-99987250
chr6	100216350	100216450	1152-Lng-A-T	37	chr6:100216350-100216450
chr6	100226650	100226750	1274-Lng-A-T	107	chr6:100226650-100226750
chr6	100228150	100228250	1065-Lng-C-T	94	chr6:100228150-100228250
chr6	100234850	100234950	901-Lng-C-T	89	chr6:100234850-100234950
chr6	100604950	100605050	1065-Lng-C-T	70	chr6:100604950-100605050
chr6	100798350	100798450	901-Lng-A-T	91	chr6:100798350-100798450
chr6	100813450	100813550	901-Lng-B-T	105	chr6:100813450-100813550
chr6	100820550	100820650	1152-Lng-A-T	93	chr6:100820550-100820650
chr6	100820950	100821050	1065-Lng-C-T	65	chr6:100820950-100821050
chr6	100859150	100859250	901-Lng-C-T	55	chr6:100859150-100859250
chr6	101119950	101120050	1223-Lng-D-T	168	chr6:101119950-101120050
chr6	101144450	101144550	1004-Lng-A-T	122	chr6:101144450-101144550
chr6	101175850	101175950	901-Lng-B-T	153	chr6:101175850-101175950
chr6	101340650	101340750	1065-Lng-A-T	82	chr6:101340650-101340750
chr6	101348450	101348550	901-Lng-C-T	365	chr6:101348450-101348550
chr6	101416450	101416550	1223-Lng-D-T	48	chr6:101416450-101416550
chr6	101732750	101732850	901-Lng-C-T	42	chr6:101732750-101732850
chr6	102026550	102026650	1223-Lng-B-T	34	chr6:102026550-102026650
chr6	102104350	102104450	1065-Lng-A-T	104	chr6:102104350-102104450
chr6	102147250	102147350	1223-Lng-A-T	131	chr6:102147250-102147350
chr6	102168550	102168650	1065-Lng-B-T	83	chr6:102168550-102168650
chr6	102349450	102349550	1223-Lng-A-T	215	chr6:102349450-102349550
chr6	102440450	102440550	1072-Lng-A-T	151	chr6:102440450-102440550
chr6	102509450	102509550	1065-Lng-C-T	87	chr6:102509450-102509550
chr6	102611050	102611150	1004-Lng-A-T	51	chr6:102611050-102611150
chr6	102789050	102789150	1223-Lng-B-T	38	chr6:102789050-102789150
chr6	103011650	103011750	901-Lng-B-T	51	chr6:103011650-103011750
chr6	103137050	103137150	1223-Lng-C-T	57	chr6:103137050-103137150
chr6	103151950	103152050	1072-Lng-A-T	55	chr6:103151950-103152050
chr6	103162150	103162250	1072-Lng-A-T	48	chr6:103162150-103162250
chr6	103342850	103342950	1188-Lng-A-T	62	chr6:103342850-103342950
chr6	103539850	103539950	1223-Lng-B-T	45	chr6:103539850-103539950
chr6	103599050	103599150	846-Lng-A-T	69	chr6:103599050-103599150

Table S2: SB Insertion regions

chr6	103599150	103599250	1090-Lng-A-T	189	chr6:103599150-103599250
chr6	103599150	103599250	1065-Lng-B-T	203	chr6:103599150-103599250
chr6	103599150	103599250	846-Lng-A-T	114	chr6:103599150-103599250
chr6	103599150	103599250	901-Lng-A-T	52	chr6:103599150-103599250
chr6	103599150	103599250	1152-Lng-A-T	68	chr6:103599150-103599250
chr6	103599150	103599250	1065-Lng-C-T	66	chr6:103599150-103599250
chr6	103599150	103599250	1100-Lng-B-T	68	chr6:103599150-103599250
chr6	103599150	103599250	901-Lng-B-T	76	chr6:103599150-103599250
chr6	103733650	103733750	846-Lng-A-T	700	chr6:103733650-103733750
chr6	103874250	103874350	1152-Lng-A-T	37	chr6:103874250-103874350
chr6	103903050	103903150	1223-Lng-A-T	190	chr6:103903050-103903150
chr6	103962450	103962550	1065-Lng-A-T	79	chr6:103962450-103962550
chr6	104071450	104071550	1152-Lng-A-T	93	chr6:104071450-104071550
chr6	104075050	104075150	1151-Lng-A-T	186	chr6:104075050-104075150
chr6	104147550	104147650	1072-Lng-A-T	157	chr6:104147550-104147650
chr6	104664650	104664750	1065-Lng-B-T	73	chr6:104664650-104664750
chr6	104716450	104716550	901-Lng-A-T	109	chr6:104716450-104716550
chr6	104807150	104807250	846-Lng-A-T	64	chr6:104807150-104807250
chr6	105053950	105054050	901-Lng-B-T	173	chr6:105053950-105054050
chr6	105132750	105132850	1065-Lng-C-T	62	chr6:105132750-105132850
chr6	105135850	105135950	901-Lng-A-T	88	chr6:105135850-105135950
chr6	105392250	105392350	846-Lng-A-T	47	chr6:105392250-105392350
chr6	105451150	105451250	1223-Lng-D-T	54	chr6:105451150-105451250
chr6	105486650	105486750	1223-Lng-C-T	68	chr6:105486650-105486750
chr6	105778250	105778350	1274-Lng-A-T	98	chr6:105778250-105778350
chr6	105882450	105882550	1004-Lng-A-T	263	chr6:105882450-105882550
chr6	106027950	106028050	1188-Lng-A-T	38	chr6:106027950-106028050
chr6	106036250	106036350	1065-Lng-A-T	61	chr6:106036250-106036350
chr6	106071850	106071950	1152-Lng-A-T	76	chr6:106071850-106071950
chr6	106072650	106072750	1065-Lng-A-T	36	chr6:106072650-106072750
chr6	106259750	106259850	1090-Lng-A-T	94	chr6:106259750-106259850
chr6	106342050	106342150	1065-Lng-C-T	75	chr6:106342050-106342150
chr6	106360950	106361050	1065-Lng-A-T	113	chr6:106360950-106361050
chr6	106383950	106384050	1100-Lng-A-T	68	chr6:106383950-106384050
chr6	106386950	106387050	1090-Lng-B-T	170	chr6:106386950-106387050
chr6	106396850	106396950	1274-Lng-A-T	74	chr6:106396850-106396950
chr6	106413750	106413850	1223-Lng-A-T	1311	chr6:106413750-106413850
chr6	106621050	106621150	1152-Lng-A-T	51	chr6:106621050-106621150
chr6	106734350	106734450	1188-Lng-A-T	44	chr6:106734350-106734450
chr6	106744150	106744250	1151-Lng-A-T	290	chr6:106744150-106744250
chr6	107195650	107195750	1065-Lng-B-T	78	chr6:107195650-107195750
chr6	107684750	107684850	846-Lng-A-T	48	chr6:107684750-107684850
chr6	107949950	107950050	901-Lng-A-T	149	chr6:107949950-107950050
chr6	108173150	108173250	1100-Lng-A-T	70	chr6:108173150-108173250
chr6	108195450	108195550	1072-Lng-A-T	139	chr6:108195450-108195550
chr6	108226450	108226550	1223-Lng-D-T	40	chr6:108226450-108226550

Table S2: SB Insertion regions

chr6	108388950	108389050	1151-Lng-A-T	301	chr6:108388950-108389050
chr6	108438350	108438450	901-Lng-C-T	61	chr6:108438350-108438450
chr6	108440150	108440250	1151-Lng-A-T	61	chr6:108440150-108440250
chr6	108447150	108447250	1223-Lng-C-T	58	chr6:108447150-108447250
chr6	108450150	108450250	1090-Lng-A-T	57	chr6:108450150-108450250
chr6	109157650	109157750	1100-Lng-A-T	73	chr6:109157650-109157750
chr6	109192250	109192350	1065-Lng-A-T	39	chr6:109192250-109192350
chr6	109214450	109214550	1004-Lng-A-T	142	chr6:109214450-109214550
chr6	109435550	109435650	1152-Lng-A-T	96	chr6:109435550-109435650
chr6	109513750	109513850	1167-Lng-A-T	76	chr6:109513750-109513850
chr6	109579550	109579650	1151-Lng-A-T	56	chr6:109579550-109579650
chr6	109704750	109704850	1223-Lng-D-T	49	chr6:109704750-109704850
chr6	109712550	109712650	1152-Lng-A-T	119	chr6:109712550-109712650
chr6	109773350	109773450	1100-Lng-A-T	53	chr6:109773350-109773450
chr6	109836650	109836750	1072-Lng-A-T	110	chr6:109836650-109836750
chr6	109874850	109874950	1065-Lng-A-T	54	chr6:109874850-109874950
chr6	109882150	109882250	1065-Lng-A-T	53	chr6:109882150-109882250
chr6	109974550	109974650	1188-Lng-A-T	43	chr6:109974550-109974650
chr6	110100650	110100750	1065-Lng-A-T	63	chr6:110100650-110100750
chr6	110133250	110133350	846-Lng-A-T	150	chr6:110133250-110133350
chr6	110327850	110327950	1004-Lng-A-T	52	chr6:110327850-110327950
chr6	110424250	110424350	1065-Lng-B-T	63	chr6:110424250-110424350
chr6	110439750	110439850	1090-Lng-A-T	137	chr6:110439750-110439850
chr6	110589750	110589850	1065-Lng-A-T	220	chr6:110589750-110589850
chr6	110604750	110604850	846-Lng-A-T	42	chr6:110604750-110604850
chr6	110740350	110740450	1223-Lng-A-T	66	chr6:110740350-110740450
chr6	110818250	110818350	1004-Lng-A-T	960	chr6:110818250-110818350
chr6	110877050	110877150	1065-Lng-A-T	62	chr6:110877050-110877150
chr6	111016050	111016150	1065-Lng-B-T	56	chr6:111016050-111016150
chr6	111029450	111029550	846-Lng-A-T	48	chr6:111029450-111029550
chr6	111111250	111111350	1004-Lng-A-T	113	chr6:111111250-111111350
chr6	111407350	111407450	1065-Lng-C-T	80	chr6:111407350-111407450
chr6	111450250	111450350	1065-Lng-C-T	69	chr6:111450250-111450350
chr6	111606750	111606850	1274-Lng-A-T	87	chr6:111606750-111606850
chr6	111805850	111805950	901-Lng-A-T	80	chr6:111805850-111805950
chr6	111846450	111846550	1223-Lng-B-T	255	chr6:111846450-111846550
chr6	111907350	111907450	1152-Lng-A-T	85	chr6:111907350-111907450
chr6	112124750	112124850	901-Lng-A-T	93	chr6:112124750-112124850
chr6	112216950	112217050	1100-Lng-A-T	115	chr6:112216950-112217050
chr6	112558350	112558450	901-Lng-C-T	41	chr6:112558350-112558450
chr6	112746450	112746550	1004-Lng-A-T	104	chr6:112746450-112746550
chr6	112983250	112983350	1274-Lng-A-T	57	chr6:112983250-112983350
chr6	112993950	112994050	1065-Lng-A-T	117	chr6:112993950-112994050
chr6	113040950	113041050	1167-Lng-A-T	207	chr6:113040950-113041050
chr6	113103050	113103150	1274-Lng-A-T	84	chr6:113103050-113103150
chr6	113205050	113205150	1223-Lng-B-T	1610	chr6:113205050-113205150

Table S2: SB Insertion regions

chr6	113228450	113228550	901-Lng-D-T	210	chr6:113228450-113228550
chr6	113248850	113248950	1065-Lng-A-T	68	chr6:113248850-113248950
chr6	113272250	113272350	1090-Lng-A-T	56	chr6:113272250-113272350
chr6	113476950	113477050	1223-Lng-B-T	59	chr6:113476950-113477050
chr6	113523750	113523850	1090-Lng-A-T	68	chr6:113523750-113523850
chr6	113576350	113576450	1274-Lng-A-T	88	chr6:113576350-113576450
chr6	113591150	113591250	1065-Lng-C-T	63	chr6:113591150-113591250
chr6	113670750	113670850	1274-Lng-A-T	62	chr6:113670750-113670850
chr6	113672850	113672950	1151-Lng-A-T	60	chr6:113672850-113672950
chr6	113677750	113677850	1274-Lng-A-T	127	chr6:113677750-113677850
chr6	113687750	113687850	846-Lng-A-T	169	chr6:113687750-113687850
chr6	113783250	113783350	1065-Lng-C-T	140	chr6:113783250-113783350
chr6	113886750	113886850	901-Lng-D-T	233	chr6:113886750-113886850
chr6	113898250	113898350	1072-Lng-A-T	88	chr6:113898250-113898350
chr6	114063750	114063850	901-Lng-B-T	56	chr6:114063750-114063850
chr6	114283050	114283150	1065-Lng-B-T	89	chr6:114283050-114283150
chr6	114299450	114299550	1072-Lng-A-T	54	chr6:114299450-114299550
chr6	114658150	114658250	1151-Lng-A-T	91	chr6:114658150-114658250
chr6	114732150	114732250	1167-Lng-A-T	69	chr6:114732150-114732250
chr6	114747550	114747650	1065-Lng-A-T	41	chr6:114747550-114747650
chr6	114747550	114747650	1065-Lng-C-T	304	chr6:114747550-114747650
chr6	114748650	114748750	1072-Lng-A-T	120	chr6:114748650-114748750
chr6	114899750	114899850	1090-Lng-A-T	58	chr6:114899750-114899850
chr6	114908050	114908150	1188-Lng-A-T	84	chr6:114908050-114908150
chr6	114932350	114932450	1090-Lng-A-T	64	chr6:114932350-114932450
chr6	114969750	114969850	1274-Lng-A-T	59	chr6:114969750-114969850
chr6	114981450	114981550	1188-Lng-A-T	72	chr6:114981450-114981550
chr6	115143450	115143550	1152-Lng-A-T	162	chr6:115143450-115143550
chr6	115225350	115225450	1100-Lng-A-T	108	chr6:115225350-115225450
chr6	115354250	115354350	1223-Lng-C-T	62	chr6:115354250-115354350
chr6	115357350	115357450	1065-Lng-A-T	69	chr6:115357350-115357450
chr6	115369450	115369550	1100-Lng-A-T	133	chr6:115369450-115369550
chr6	115393450	115393550	1223-Lng-D-T	45	chr6:115393450-115393550
chr6	115407450	115407550	1188-Lng-A-T	101	chr6:115407450-115407550
chr6	115863250	115863350	901-Lng-A-T	125	chr6:115863250-115863350
chr6	115946350	115946450	846-Lng-A-T	113	chr6:115946350-115946450
chr6	115973150	115973250	846-Lng-A-T	79	chr6:115973150-115973250
chr6	115978150	115978250	1223-Lng-D-T	41	chr6:115978150-115978250
chr6	116018650	116018750	1090-Lng-A-T	50	chr6:116018650-116018750
chr6	116064550	116064650	901-Lng-B-T	225	chr6:116064550-116064650
chr6	116069550	116069650	1188-Lng-A-T	58	chr6:116069550-116069650
chr6	116136950	116137050	1151-Lng-A-T	217	chr6:116136950-116137050
chr6	116150350	116150450	1274-Lng-A-T	131	chr6:116150350-116150450
chr6	116229050	116229150	1223-Lng-A-T	94	chr6:116229050-116229150
chr6	116298850	116298950	1152-Lng-A-T	106	chr6:116298850-116298950
chr6	116301650	116301750	1004-Lng-A-T	76	chr6:116301650-116301750

Table S2: SB Insertion regions

chr6	116324050	116324150	901-Lng-A-T	111	chr6:116324050-116324150
chr6	116326250	116326350	1223-Lng-B-T	251	chr6:116326250-116326350
chr6	116634250	116634350	1004-Lng-A-T	80	chr6:116634250-116634350
chr6	116708850	116708950	1167-Lng-A-T	50	chr6:116708850-116708950
chr6	116785750	116785850	1065-Lng-A-T	77	chr6:116785750-116785850
chr6	116891850	116891950	1188-Lng-A-T	61	chr6:116891850-116891950
chr6	116957450	116957550	1152-Lng-A-T	365	chr6:116957450-116957550
chr6	117431250	117431350	901-Lng-A-T	66	chr6:117431250-117431350
chr6	117451150	117451250	1167-Lng-A-T	92	chr6:117451150-117451250
chr6	118049750	118049850	1100-Lng-A-T	69	chr6:118049750-118049850
chr6	118067250	118067350	901-Lng-A-T	115	chr6:118067250-118067350
chr6	118074750	118074850	901-Lng-A-T	489	chr6:118074750-118074850
chr6	118101250	118101350	1167-Lng-A-T	77	chr6:118101250-118101350
chr6	118107450	118107550	901-Lng-C-T	28	chr6:118107450-118107550
chr6	118418950	118419050	1065-Lng-A-T	73	chr6:118418950-118419050
chr6	118475650	118475750	1274-Lng-A-T	73	chr6:118475650-118475750
chr6	118618750	118618850	1167-Lng-A-T	203	chr6:118618750-118618850
chr6	118827650	118827750	1065-Lng-B-T	57	chr6:118827650-118827750
chr6	118899950	118900050	1065-Lng-B-T	55	chr6:118899950-118900050
chr6	118914450	118914550	1065-Lng-B-T	96	chr6:118914450-118914550
chr6	118963450	118963550	1065-Lng-B-T	41	chr6:118963450-118963550
chr6	118999750	118999850	1274-Lng-A-T	86	chr6:118999750-118999850
chr6	119142450	119142550	1223-Lng-A-T	134	chr6:119142450-119142550
chr6	119169350	119169450	901-Lng-C-T	32	chr6:119169350-119169450
chr6	119315250	119315350	1100-Lng-B-T	160	chr6:119315250-119315350
chr6	119350350	119350450	1152-Lng-A-T	65	chr6:119350350-119350450
chr6	119530050	119530150	1274-Lng-A-T	116	chr6:119530050-119530150
chr6	119669350	119669450	1065-Lng-A-T	61	chr6:119669350-119669450
chr6	119829550	119829650	846-Lng-A-T	95	chr6:119829550-119829650
chr6	119912250	119912350	901-Lng-C-T	251	chr6:119912250-119912350
chr6	119935250	119935350	1152-Lng-A-T	290	chr6:119935250-119935350
chr6	119935250	119935350	1188-Lng-A-T	438	chr6:119935250-119935350
chr6	119945050	119945150	901-Lng-C-T	63	chr6:119945050-119945150
chr6	119949750	119949850	1100-Lng-A-T	52	chr6:119949750-119949850
chr6	119964750	119964850	1065-Lng-C-T	412	chr6:119964750-119964850
chr6	119964750	119964850	1167-Lng-A-T	58	chr6:119964750-119964850
chr6	119969750	119969850	901-Lng-A-T	65	chr6:119969750-119969850
chr6	120053650	120053750	1100-Lng-B-T	60	chr6:120053650-120053750
chr6	120095850	120095950	901-Lng-A-T	91	chr6:120095850-120095950
chr6	120283950	120284050	1188-Lng-A-T	205	chr6:120283950-120284050
chr6	120335550	120335650	1152-Lng-A-T	98	chr6:120335550-120335650
chr6	120470750	120470850	1167-Lng-A-T	53	chr6:120470750-120470850
chr6	120660950	120661050	1223-Lng-C-T	236	chr6:120660950-120661050
chr6	120721250	120721350	901-Lng-A-T	645	chr6:120721250-120721350
chr6	120760350	120760450	1065-Lng-A-T	34	chr6:120760350-120760450
chr6	120879650	120879750	901-Lng-C-T	35	chr6:120879650-120879750

Table S2: SB Insertion regions

chr6	121022450	121022550	901-Lng-A-T	162	chr6:121022450-121022550
chr6	121197650	121197750	846-Lng-A-T	64	chr6:121197650-121197750
chr6	121269750	121269850	1072-Lng-A-T	137	chr6:121269750-121269850
chr6	121296950	121297050	1065-Lng-B-T	42	chr6:121296950-121297050
chr6	121892350	121892450	1065-Lng-B-T	109	chr6:121892350-121892450
chr6	122214650	122214750	1152-Lng-A-T	51	chr6:122214650-122214750
chr6	122721950	122722050	1004-Lng-A-T	134	chr6:122721950-122722050
chr6	122746150	122746250	1090-Lng-A-T	59	chr6:122746150-122746250
chr6	122831150	122831250	1065-Lng-B-T	50	chr6:122831150-122831250
chr6	122961250	122961350	1065-Lng-A-T	72	chr6:122961250-122961350
chr6	123871950	123872050	1072-Lng-A-T	60	chr6:123871950-123872050
chr6	123932250	123932350	1274-Lng-A-T	78	chr6:123932250-123932350
chr6	123956950	123957050	901-Lng-B-T	200	chr6:123956950-123957050
chr6	124554150	124554250	1223-Lng-B-T	37	chr6:124554150-124554250
chr6	124692150	124692250	1223-Lng-B-T	46	chr6:124692150-124692250
chr6	124960950	124961050	1090-Lng-B-T	398	chr6:124960950-124961050
chr6	124969250	124969350	1223-Lng-B-T	62	chr6:124969250-124969350
chr6	125082450	125082550	846-Lng-A-T	54	chr6:125082450-125082550
chr6	125656250	125656350	901-Lng-C-T	41	chr6:125656250-125656350
chr6	125859050	125859150	901-Lng-D-T	90	chr6:125859050-125859150
chr6	125859850	125859950	901-Lng-C-T	29	chr6:125859850-125859950
chr6	125964150	125964250	1223-Lng-C-T	48	chr6:125964150-125964250
chr6	125972650	125972750	901-Lng-D-T	252	chr6:125972650-125972750
chr6	126516350	126516450	1065-Lng-B-T	39	chr6:126516350-126516450
chr6	126704150	126704250	901-Lng-C-T	53	chr6:126704150-126704250
chr6	126851050	126851150	1065-Lng-C-T	61	chr6:126851050-126851150
chr6	126983650	126983750	846-Lng-A-T	136	chr6:126983650-126983750
chr6	127012250	127012350	901-Lng-D-T	471	chr6:127012250-127012350
chr6	127415050	127415150	1065-Lng-A-T	117	chr6:127415050-127415150
chr6	127441750	127441850	1065-Lng-A-T	42	chr6:127441750-127441850
chr6	127550150	127550250	1065-Lng-B-T	45	chr6:127550150-127550250
chr6	127600450	127600550	1223-Lng-C-T	82	chr6:127600450-127600550
chr6	127710050	127710150	1151-Lng-A-T	1095	chr6:127710050-127710150
chr6	127712250	127712350	1151-Lng-A-T	398	chr6:127712250-127712350
chr6	127713250	127713350	1274-Lng-A-T	77	chr6:127713250-127713350
chr6	127785850	127785950	1274-Lng-A-T	111	chr6:127785850-127785950
chr6	127849350	127849450	1065-Lng-B-T	68	chr6:127849350-127849450
chr6	127857450	127857550	1274-Lng-A-T	61	chr6:127857450-127857550
chr6	127875050	127875150	1151-Lng-A-T	552	chr6:127875050-127875150
chr6	127887550	127887650	1223-Lng-C-T	54	chr6:127887550-127887650
chr6	127898450	127898550	1188-Lng-A-T	984	chr6:127898450-127898550
chr6	127900850	127900950	1188-Lng-A-T	42	chr6:127900850-127900950
chr6	127973650	127973750	1065-Lng-C-T	104	chr6:127973650-127973750
chr6	128068750	128068850	1188-Lng-A-T	229	chr6:128068750-128068850
chr6	128098650	128098750	1004-Lng-A-T	78	chr6:128098650-128098750
chr6	128151450	128151550	1188-Lng-A-T	198	chr6:128151450-128151550

Table S2: SB Insertion regions

chr6	129002650	129002750	1072-Lng-A-T	48	chr6:129002650-129002750
chr6	129163950	129164050	1004-Lng-A-T	154	chr6:129163950-129164050
chr6	129191950	129192050	901-Lng-A-T	63	chr6:129191950-129192050
chr6	129230950	129231050	1065-Lng-A-T	63	chr6:129230950-129231050
chr6	129386050	129386150	901-Lng-A-T	57	chr6:129386050-129386150
chr6	129511450	129511550	1004-Lng-A-T	51	chr6:129511450-129511550
chr6	129778050	129778150	1072-Lng-A-T	56	chr6:129778050-129778150
chr6	129905450	129905550	1090-Lng-A-T	561	chr6:129905450-129905550
chr6	129984650	129984750	901-Lng-C-T	57	chr6:129984650-129984750
chr6	130198650	130198750	1223-Lng-A-T	1111	chr6:130198650-130198750
chr6	130324250	130324350	1004-Lng-A-T	61	chr6:130324250-130324350
chr6	130431950	130432050	1152-Lng-A-T	101	chr6:130431950-130432050
chr6	130432350	130432450	901-Lng-C-T	55	chr6:130432350-130432450
chr6	130686050	130686150	1274-Lng-A-T	83	chr6:130686050-130686150
chr6	130814850	130814950	1167-Lng-A-T	118	chr6:130814850-130814950
chr6	131278650	131278750	1223-Lng-D-T	48	chr6:131278650-131278750
chr6	131321050	131321150	1188-Lng-A-T	209	chr6:131321050-131321150
chr6	131364150	131364250	1090-Lng-A-T	101	chr6:131364150-131364250
chr6	131368950	131369050	1167-Lng-A-T	175	chr6:131368950-131369050
chr6	132207750	132207850	1100-Lng-A-T	61	chr6:132207750-132207850
chr6	132280050	132280150	1065-Lng-B-T	63	chr6:132280050-132280150
chr6	132360450	132360550	1167-Lng-A-T	78	chr6:132360450-132360550
chr6	132670450	132670550	1274-Lng-A-T	56	chr6:132670450-132670550
chr6	132717850	132717950	1065-Lng-C-T	63	chr6:132717850-132717950
chr6	132863150	132863250	901-Lng-C-T	83	chr6:132863150-132863250
chr6	132887550	132887650	1065-Lng-A-T	36	chr6:132887550-132887650
chr6	132897950	132898050	1065-Lng-B-T	75	chr6:132897950-132898050
chr6	133076150	133076250	1223-Lng-B-T	86	chr6:133076150-133076250
chr6	133166750	133166850	846-Lng-A-T	99	chr6:133166750-133166850
chr6	133296550	133296650	1274-Lng-A-T	55	chr6:133296550-133296650
chr6	133439150	133439250	1090-Lng-B-T	139	chr6:133439150-133439250
chr6	133731750	133731850	1090-Lng-A-T	94	chr6:133731750-133731850
chr6	134004250	134004350	1004-Lng-A-T	76	chr6:134004250-134004350
chr6	134122150	134122250	1100-Lng-A-T	97	chr6:134122150-134122250
chr6	134192450	134192550	1065-Lng-A-T	74	chr6:134192450-134192550
chr6	134371550	134371650	846-Lng-A-T	192	chr6:134371550-134371650
chr6	134426050	134426150	901-Lng-A-T	143	chr6:134426050-134426150
chr6	134491650	134491750	1072-Lng-A-T	63	chr6:134491650-134491750
chr6	134514550	134514650	901-Lng-D-T	163	chr6:134514550-134514650
chr6	134515550	134515650	1188-Lng-A-T	145	chr6:134515550-134515650
chr6	134554850	134554950	1065-Lng-B-T	58	chr6:134554850-134554950
chr6	134604350	134604450	1167-Lng-A-T	91	chr6:134604350-134604450
chr6	134693950	134694050	901-Lng-C-T	44	chr6:134693950-134694050
chr6	134739750	134739850	1100-Lng-A-T	86	chr6:134739750-134739850
chr6	134769550	134769650	1065-Lng-A-T	49	chr6:134769550-134769650
chr6	134771250	134771350	1274-Lng-A-T	55	chr6:134771250-134771350

Table S2: SB Insertion regions

chr6	134783050	134783150	1004-Lng-A-T	705	chr6:134783050-134783150
chr6	134792050	134792150	1223-Lng-D-T	188	chr6:134792050-134792150
chr6	134971150	134971250	1274-Lng-A-T	90	chr6:134971150-134971250
chr6	135242450	135242550	1065-Lng-B-T	96	chr6:135242450-135242550
chr6	135245150	135245250	1223-Lng-B-T	35	chr6:135245150-135245250
chr6	135263250	135263350	1065-Lng-C-T	74	chr6:135263250-135263350
chr6	135579750	135579850	1072-Lng-A-T	136	chr6:135579750-135579850
chr6	135755150	135755250	1223-Lng-A-T	100	chr6:135755150-135755250
chr6	136530650	136530750	1223-Lng-B-T	36	chr6:136530650-136530750
chr6	136539650	136539750	1100-Lng-B-T	264	chr6:136539650-136539750
chr6	136644250	136644350	1223-Lng-A-T	303	chr6:136644250-136644350
chr6	136965250	136965350	1167-Lng-A-T	69	chr6:136965250-136965350
chr6	137013950	137014050	901-Lng-B-T	239	chr6:137013950-137014050
chr6	137114650	137114750	901-Lng-B-T	68	chr6:137114650-137114750
chr6	137141450	137141550	1223-Lng-B-T	40	chr6:137141450-137141550
chr6	137197350	137197450	1152-Lng-A-T	34	chr6:137197350-137197450
chr6	137311450	137311550	1167-Lng-A-T	75	chr6:137311450-137311550
chr6	137328450	137328550	901-Lng-A-T	418	chr6:137328450-137328550
chr6	137474950	137475050	1274-Lng-A-T	51	chr6:137474950-137475050
chr6	137475650	137475750	1072-Lng-A-T	164	chr6:137475650-137475750
chr6	137483950	137484050	1100-Lng-A-T	90	chr6:137483950-137484050
chr6	137561550	137561650	1274-Lng-A-T	78	chr6:137561550-137561650
chr6	137648050	137648150	901-Lng-B-T	390	chr6:137648050-137648150
chr6	138002550	138002650	1274-Lng-A-T	59	chr6:138002550-138002650
chr6	138158550	138158650	1152-Lng-A-T	173	chr6:138158550-138158650
chr6	138281950	138282050	1065-Lng-B-T	91	chr6:138281950-138282050
chr6	138407350	138407450	1090-Lng-A-T	76	chr6:138407350-138407450
chr6	138572950	138573050	1152-Lng-A-T	83	chr6:138572950-138573050
chr6	138836550	138836650	846-Lng-A-T	64	chr6:138836550-138836650
chr6	138845450	138845550	1065-Lng-B-T	63	chr6:138845450-138845550
chr6	138912150	138912250	901-Lng-B-T	44	chr6:138912150-138912250
chr6	139241350	139241450	1065-Lng-B-T	95	chr6:139241350-139241450
chr6	139671750	139671850	901-Lng-A-T	96	chr6:139671750-139671850
chr6	139716250	139716350	1167-Lng-A-T	67	chr6:139716250-139716350
chr6	139748950	139749050	1004-Lng-A-T	69	chr6:139748950-139749050
chr6	139750950	139751050	1223-Lng-D-T	76	chr6:139750950-139751050
chr6	139773950	139774050	901-Lng-A-T	103	chr6:139773950-139774050
chr6	140157350	140157450	1223-Lng-B-T	91	chr6:140157350-140157450
chr6	140326450	140326550	1090-Lng-B-T	402	chr6:140326450-140326550
chr6	140489750	140489850	1188-Lng-A-T	227	chr6:140489750-140489850
chr6	140601550	140601650	1065-Lng-A-T	371	chr6:140601550-140601650
chr6	140949750	140949850	901-Lng-B-T	73	chr6:140949750-140949850
chr6	141445650	141445750	1072-Lng-A-T	53	chr6:141445650-141445750
chr6	141577650	141577750	1152-Lng-A-T	141	chr6:141577650-141577750
chr6	141766150	141766250	1065-Lng-A-T	55	chr6:141766150-141766250
chr6	142038150	142038250	1065-Lng-A-T	52	chr6:142038150-142038250

Table S2: SB Insertion regions

chr6	142047350	142047450	1223-Lng-B-T	34	chr6:142047350-142047450
chr6	142182850	142182950	1223-Lng-B-T	82	chr6:142182850-142182950
chr6	142324150	142324250	1223-Lng-B-T	38	chr6:142324150-142324250
chr6	142357450	142357550	1223-Lng-B-T	218	chr6:142357450-142357550
chr6	142510550	142510650	901-Lng-C-T	43	chr6:142510550-142510650
chr6	142591650	142591750	1065-Lng-B-T	54	chr6:142591650-142591750
chr6	142710650	142710750	1152-Lng-A-T	51	chr6:142710650-142710750
chr6	142955850	142955950	1090-Lng-A-T	90	chr6:142955850-142955950
chr6	143027550	143027650	846-Lng-A-T	53	chr6:143027550-143027650
chr6	143092150	143092250	901-Lng-A-T	290	chr6:143092150-143092250
chr6	143117250	143117350	1223-Lng-B-T	110	chr6:143117250-143117350
chr6	143117950	143118050	1188-Lng-A-T	1450	chr6:143117950-143118050
chr6	143118550	143118650	1151-Lng-A-T	54	chr6:143118550-143118650
chr6	143151150	143151250	1065-Lng-B-T	46	chr6:143151150-143151250
chr6	143376650	143376750	1152-Lng-A-T	36	chr6:143376650-143376750
chr6	143386750	143386850	1072-Lng-A-T	150	chr6:143386750-143386850
chr6	143569650	143569750	1090-Lng-A-T	250	chr6:143569650-143569750
chr6	143973150	143973250	1004-Lng-A-T	67	chr6:143973150-143973250
chr6	144019950	144020050	1223-Lng-C-T	43	chr6:144019950-144020050
chr6	144038650	144038750	1065-Lng-A-T	72	chr6:144038650-144038750
chr6	144181650	144181750	846-Lng-A-T	75	chr6:144181650-144181750
chr6	144245450	144245550	1065-Lng-B-T	207	chr6:144245450-144245550
chr6	144301750	144301850	1223-Lng-C-T	72	chr6:144301750-144301850
chr6	144556550	144556650	901-Lng-D-T	276	chr6:144556550-144556650
chr6	144623050	144623150	1065-Lng-C-T	74	chr6:144623050-144623150
chr6	144648050	144648150	1065-Lng-B-T	50	chr6:144648050-144648150
chr6	144757050	144757150	1004-Lng-A-T	56	chr6:144757050-144757150
chr6	144964750	144964850	1100-Lng-A-T	59	chr6:144964750-144964850
chr6	145029250	145029350	1151-Lng-A-T	55	chr6:145029250-145029350
chr6	145172550	145172650	1065-Lng-B-T	225	chr6:145172550-145172650
chr6	145189450	145189550	1152-Lng-A-T	267	chr6:145189450-145189550
chr6	145191650	145191750	1100-Lng-A-T	233	chr6:145191650-145191750
chr6	145203650	145203750	1065-Lng-B-T	45	chr6:145203650-145203750
chr6	145327150	145327250	1223-Lng-A-T	417	chr6:145327150-145327250
chr6	145743050	145743150	1223-Lng-D-T	40	chr6:145743050-145743150
chr6	145766150	145766250	901-Lng-C-T	271	chr6:145766150-145766250
chr6	145810350	145810450	1274-Lng-A-T	226	chr6:145810350-145810450
chr6	145830050	145830150	1151-Lng-A-T	181	chr6:145830050-145830150
chr6	145855750	145855850	1223-Lng-B-T	44	chr6:145855750-145855850
chr6	146023150	146023250	1188-Lng-A-T	95	chr6:146023150-146023250
chr6	146040050	146040150	901-Lng-B-T	244	chr6:146040050-146040150
chr6	146158550	146158650	901-Lng-A-T	339	chr6:146158550-146158650
chr6	146168950	146169050	1100-Lng-B-T	54	chr6:146168950-146169050
chr6	146190650	146190750	901-Lng-D-T	73	chr6:146190650-146190750
chr6	146355650	146355750	1065-Lng-A-T	94	chr6:146355650-146355750
chr6	146363850	146363950	1072-Lng-A-T	79	chr6:146363850-146363950

Table S2: SB Insertion regions

chr6	146402650	146402750	1065-Lng-A-T	83	chr6:146402650-146402750
chr6	146429150	146429250	1167-Lng-A-T	96	chr6:146429150-146429250
chr6	146531150	146531250	1100-Lng-A-T	57	chr6:146531150-146531250
chr6	146697950	146698050	1274-Lng-A-T	54	chr6:146697950-146698050
chr6	146712650	146712750	1090-Lng-A-T	150	chr6:146712650-146712750
chr6	146745750	146745850	1065-Lng-B-T	116	chr6:146745750-146745850
chr6	146850250	146850350	1274-Lng-A-T	63	chr6:146850250-146850350
chr6	146857550	146857650	1274-Lng-A-T	62	chr6:146857550-146857650
chr6	146859250	146859350	1223-Lng-C-T	131	chr6:146859250-146859350
chr6	146902350	146902450	1188-Lng-A-T	188	chr6:146902350-146902450
chr6	146928450	146928550	1274-Lng-A-T	84	chr6:146928450-146928550
chr6	146962850	146962950	1274-Lng-A-T	51	chr6:146962850-146962950
chr6	146965050	146965150	1072-Lng-A-T	90	chr6:146965050-146965150
chr6	147048950	147049050	901-Lng-D-T	56	chr6:147048950-147049050
chr6	147289850	147289950	1100-Lng-A-T	55	chr6:147289850-147289950
chr6	147318250	147318350	1065-Lng-C-T	75	chr6:147318250-147318350
chr6	147461350	147461450	1072-Lng-A-T	54	chr6:147461350-147461450
chr6	147525750	147525850	901-Lng-D-T	315	chr6:147525750-147525850
chr6	147546050	147546150	1090-Lng-A-T	228	chr6:147546050-147546150
chr6	147546650	147546750	901-Lng-C-T	319	chr6:147546650-147546750
chr6	147654750	147654850	1223-Lng-B-T	82	chr6:147654750-147654850
chr6	147869150	147869250	1090-Lng-A-T	103	chr6:147869150-147869250
chr6	148135850	148135950	1072-Lng-A-T	126	chr6:148135850-148135950
chr6	148148050	148148150	1188-Lng-A-T	35	chr6:148148050-148148150
chr6	148168250	148168350	1167-Lng-A-T	61	chr6:148168250-148168350
chr6	148297750	148297850	1072-Lng-A-T	137	chr6:148297750-148297850
chr6	148768250	148768350	1223-Lng-D-T	44	chr6:148768250-148768350
chr6	148768350	148768450	1223-Lng-D-T	54	chr6:148768350-148768450
chr6	148810250	148810350	1274-Lng-A-T	54	chr6:148810250-148810350
chr6	148874950	148875050	1090-Lng-B-T	726	chr6:148874950-148875050
chr6	149104050	149104150	1004-Lng-A-T	54	chr6:149104050-149104150
chr6	149133950	149134050	1072-Lng-A-T	55	chr6:149133950-149134050
chr6	149190050	149190150	1004-Lng-A-T	58	chr6:149190050-149190150
chr6	149280550	149280650	846-Lng-A-T	66	chr6:149280550-149280650
chr6	149285250	149285350	901-Lng-A-T	104	chr6:149285250-149285350
chr6	149389050	149389150	1188-Lng-A-T	192	chr6:149389050-149389150
chr6	149389650	149389750	1090-Lng-B-T	346	chr6:149389650-149389750
chr6	149397350	149397450	1274-Lng-A-T	179	chr6:149397350-149397450
chr6	149514850	149514950	1274-Lng-A-T	85	chr6:149514850-149514950
chr7	3228750	3228850	1223-Lng-B-T	165	chr7:3228750-3228850
chr7	3266750	3266850	1072-Lng-A-T	54	chr7:3266750-3266850
chr7	3531050	3531150	1090-Lng-A-T	45	chr7:3531050-3531150
chr7	3590150	3590250	1223-Lng-B-T	41	chr7:3590150-3590250
chr7	3606250	3606350	901-Lng-A-T	91	chr7:3606250-3606350
chr7	3920750	3920850	1274-Lng-A-T	83	chr7:3920750-3920850
chr7	4091550	4091650	1004-Lng-A-T	54	chr7:4091550-4091650

Table S2: SB Insertion regions

chr7	4112050	4112150	901-Lng-D-T	262	chr7:4112050-4112150
chr7	4364450	4364550	1065-Lng-B-T	81	chr7:4364450-4364550
chr7	4382450	4382550	1188-Lng-A-T	69	chr7:4382450-4382550
chr7	4422550	4422650	1100-Lng-A-T	69	chr7:4422550-4422650
chr7	4569950	4570050	1223-Lng-C-T	46	chr7:4569950-4570050
chr7	4582450	4582550	1072-Lng-A-T	57	chr7:4582450-4582550
chr7	4587350	4587450	901-Lng-B-T	165	chr7:4587350-4587450
chr7	4588350	4588450	1090-Lng-A-T	110	chr7:4588350-4588450
chr7	4608550	4608650	1188-Lng-A-T	87	chr7:4608550-4608650
chr7	4925950	4926050	1004-Lng-A-T	10214	chr7:4925950-4926050
chr7	4979350	4979450	1090-Lng-A-T	424	chr7:4979350-4979450
chr7	4983050	4983150	1274-Lng-A-T	49	chr7:4983050-4983150
chr7	4985650	4985750	846-Lng-A-T	80	chr7:4985650-4985750
chr7	5056850	5056950	901-Lng-A-T	74	chr7:5056850-5056950
chr7	5064450	5064550	1065-Lng-C-T	69	chr7:5064450-5064550
chr7	5213750	5213850	1065-Lng-A-T	50	chr7:5213750-5213850
chr7	5250950	5251050	1152-Lng-A-T	65	chr7:5250950-5251050
chr7	5410450	5410550	1274-Lng-A-T	58	chr7:5410450-5410550
chr7	5413650	5413750	1274-Lng-A-T	66	chr7:5413650-5413750
chr7	5436250	5436350	1152-Lng-A-T	148	chr7:5436250-5436350
chr7	5776850	5776950	901-Lng-B-T	107	chr7:5776850-5776950
chr7	6120450	6120550	846-Lng-A-T	105	chr7:6120450-6120550
chr7	6400550	6400650	1004-Lng-A-T	151	chr7:6400550-6400650
chr7	6442250	6442350	1072-Lng-A-T	60	chr7:6442250-6442350
chr7	6530850	6530950	1223-Lng-B-T	76	chr7:6530850-6530950
chr7	6643750	6643850	1090-Lng-B-T	625	chr7:6643750-6643850
chr7	6741650	6741750	1065-Lng-B-T	75	chr7:6741650-6741750
chr7	7241250	7241350	1223-Lng-C-T	50	chr7:7241250-7241350
chr7	7523050	7523150	1152-Lng-A-T	36	chr7:7523050-7523150
chr7	9645650	9645750	1152-Lng-A-T	113	chr7:9645650-9645750
chr7	10718150	10718250	1065-Lng-B-T	65	chr7:10718150-10718250
chr7	10796250	10796350	1004-Lng-A-T	53	chr7:10796250-10796350
chr7	10868350	10868450	846-Lng-A-T	174	chr7:10868350-10868450
chr7	11038350	11038450	901-Lng-A-T	134	chr7:11038350-11038450
chr7	11069550	11069650	1223-Lng-C-T	56	chr7:11069550-11069650
chr7	11120750	11120850	1004-Lng-A-T	76	chr7:11120750-11120850
chr7	11224550	11224650	1065-Lng-B-T	350	chr7:11224550-11224650
chr7	11272250	11272350	901-Lng-C-T	53	chr7:11272250-11272350
chr7	11293450	11293550	1152-Lng-A-T	81	chr7:11293450-11293550
chr7	11397850	11397950	1065-Lng-B-T	82	chr7:11397850-11397950
chr7	12254550	12254650	1004-Lng-A-T	56	chr7:12254550-12254650
chr7	12506150	12506250	1072-Lng-A-T	82	chr7:12506150-12506250
chr7	12685450	12685550	1004-Lng-A-T	114	chr7:12685450-12685550
chr7	12904350	12904450	1065-Lng-B-T	522	chr7:12904350-12904450
chr7	12974650	12974750	1065-Lng-A-T	87	chr7:12974650-12974750
chr7	13254750	13254850	1065-Lng-B-T	43	chr7:13254750-13254850

Table S2: SB Insertion regions

chr7	13849650	13849750	1004-Lng-A-T	260	chr7:13849650-13849750
chr7	13944250	13944350	1223-Lng-C-T	61	chr7:13944250-13944350
chr7	13973250	13973350	1223-Lng-B-T	41	chr7:13973250-13973350
chr7	13988250	13988350	1100-Lng-B-T	59	chr7:13988250-13988350
chr7	14020350	14020450	1004-Lng-A-T	49	chr7:14020350-14020450
chr7	14191150	14191250	901-Lng-C-T	89	chr7:14191150-14191250
chr7	14301450	14301550	901-Lng-A-T	53	chr7:14301450-14301550
chr7	14590250	14590350	1223-Lng-A-T	239	chr7:14590250-14590350
chr7	14714650	14714750	901-Lng-A-T	525	chr7:14714650-14714750
chr7	14831750	14831850	901-Lng-B-T	92	chr7:14831750-14831850
chr7	14894150	14894250	1004-Lng-A-T	127	chr7:14894150-14894250
chr7	15033150	15033250	1223-Lng-B-T	36	chr7:15033150-15033250
chr7	15174750	15174850	1065-Lng-C-T	66	chr7:15174750-15174850
chr7	15679750	15679850	1065-Lng-B-T	68	chr7:15679750-15679850
chr7	16590350	16590450	1188-Lng-A-T	132	chr7:16590350-16590450
chr7	16720250	16720350	1065-Lng-A-T	56	chr7:16720250-16720350
chr7	16894150	16894250	1065-Lng-B-T	393	chr7:16894150-16894250
chr7	16931350	16931450	1188-Lng-A-T	74	chr7:16931350-16931450
chr7	17078950	17079050	1188-Lng-A-T	193	chr7:17078950-17079050
chr7	17159550	17159650	1100-Lng-A-T	103	chr7:17159550-17159650
chr7	17179050	17179150	901-Lng-A-T	83	chr7:17179050-17179150
chr7	17182750	17182850	1100-Lng-A-T	87	chr7:17182750-17182850
chr7	17193250	17193350	1223-Lng-C-T	47	chr7:17193250-17193350
chr7	17264350	17264450	901-Lng-C-T	33	chr7:17264350-17264450
chr7	17349950	17350050	846-Lng-A-T	194	chr7:17349950-17350050
chr7	17402750	17402850	1065-Lng-A-T	38	chr7:17402750-17402850
chr7	17839550	17839650	1065-Lng-C-T	66	chr7:17839550-17839650
chr7	18014550	18014650	1004-Lng-A-T	77	chr7:18014550-18014650
chr7	18048950	18049050	1065-Lng-B-T	69	chr7:18048950-18049050
chr7	18467150	18467250	1065-Lng-A-T	84	chr7:18467150-18467250
chr7	18525250	18525350	1223-Lng-C-T	46	chr7:18525250-18525350
chr7	18587150	18587250	1152-Lng-A-T	79	chr7:18587150-18587250
chr7	18856050	18856150	1004-Lng-A-T	85	chr7:18856050-18856150
chr7	18858650	18858750	1065-Lng-B-T	47	chr7:18858650-18858750
chr7	18951950	18952050	901-Lng-B-T	76	chr7:18951950-18952050
chr7	19057250	19057350	1223-Lng-C-T	51	chr7:19057250-19057350
chr7	19600950	19601050	1223-Lng-D-T	57	chr7:19600950-19601050
chr7	19620650	19620750	1004-Lng-A-T	79	chr7:19620650-19620750
chr7	19738950	19739050	901-Lng-D-T	404	chr7:19738950-19739050
chr7	19996550	19996650	1065-Lng-C-T	74	chr7:19996550-19996650
chr7	20218350	20218450	1223-Lng-D-T	54	chr7:20218350-20218450
chr7	20241750	20241850	1065-Lng-B-T	39	chr7:20241750-20241850
chr7	20243250	20243350	1072-Lng-A-T	76	chr7:20243250-20243350
chr7	20288050	20288150	1072-Lng-A-T	76	chr7:20288050-20288150
chr7	20317450	20317550	1223-Lng-A-T	96	chr7:20317450-20317550
chr7	20345950	20346050	1004-Lng-A-T	102	chr7:20345950-20346050

Table S2: SB Insertion regions

chr7	20505250	20505350	1223-Lng-B-T	257	chr7:20505250-20505350
chr7	20507850	20507950	1065-Lng-B-T	59	chr7:20507850-20507950
chr7	20567250	20567350	901-Lng-B-T	177	chr7:20567250-20567350
chr7	21874450	21874550	901-Lng-D-T	97	chr7:21874450-21874550
chr7	22993850	22993950	1151-Lng-A-T	297	chr7:22993850-22993950
chr7	24103350	24103450	901-Lng-B-T	146	chr7:24103350-24103450
chr7	24232050	24232150	1065-Lng-B-T	50	chr7:24232050-24232150
chr7	24571150	24571250	1004-Lng-A-T	129	chr7:24571150-24571250
chr7	24888950	24889050	1152-Lng-A-T	91	chr7:24888950-24889050
chr7	25042450	25042550	1072-Lng-A-T	124	chr7:25042450-25042550
chr7	25278350	25278450	1223-Lng-A-T	138	chr7:25278350-25278450
chr7	25373850	25373950	901-Lng-C-T	99	chr7:25373850-25373950
chr7	25643950	25644050	1072-Lng-A-T	62	chr7:25643950-25644050
chr7	25695350	25695450	1152-Lng-A-T	75	chr7:25695350-25695450
chr7	26015150	26015250	1065-Lng-B-T	64	chr7:26015150-26015250
chr7	26049950	26050050	901-Lng-D-T	635	chr7:26049950-26050050
chr7	26177250	26177350	1167-Lng-A-T	46	chr7:26177250-26177350
chr7	26223450	26223550	1223-Lng-C-T	57	chr7:26223450-26223550
chr7	26438050	26438150	1223-Lng-D-T	166	chr7:26438050-26438150
chr7	26477050	26477150	901-Lng-C-T	58	chr7:26477050-26477150
chr7	26484850	26484950	1004-Lng-A-T	49	chr7:26484850-26484950
chr7	26516350	26516450	901-Lng-C-T	31	chr7:26516350-26516450
chr7	26522150	26522250	1223-Lng-C-T	43	chr7:26522150-26522250
chr7	26536950	26537050	1188-Lng-A-T	53	chr7:26536950-26537050
chr7	26674550	26674650	1223-Lng-B-T	48	chr7:26674550-26674650
chr7	26938750	26938850	1223-Lng-D-T	42	chr7:26938750-26938850
chr7	27217950	27218050	1274-Lng-A-T	68	chr7:27217950-27218050
chr7	27301050	27301150	1188-Lng-A-T	37	chr7:27301050-27301150
chr7	27369050	27369150	1274-Lng-A-T	81	chr7:27369050-27369150
chr7	27412550	27412650	1065-Lng-A-T	51	chr7:27412550-27412650
chr7	27476550	27476650	1004-Lng-A-T	81	chr7:27476550-27476650
chr7	27716550	27716650	1004-Lng-A-T	147	chr7:27716550-27716650
chr7	27885950	27886050	846-Lng-A-T	58	chr7:27885950-27886050
chr7	27996650	27996750	901-Lng-C-T	52	chr7:27996650-27996750
chr7	28023350	28023450	1167-Lng-A-T	536	chr7:28023350-28023450
chr7	28105550	28105650	1223-Lng-C-T	43	chr7:28105550-28105650
chr7	28230250	28230350	1065-Lng-A-T	53	chr7:28230250-28230350
chr7	28333750	28333850	1223-Lng-A-T	63	chr7:28333750-28333850
chr7	28354050	28354150	1167-Lng-A-T	120	chr7:28354050-28354150
chr7	28604550	28604650	1223-Lng-B-T	38	chr7:28604550-28604650
chr7	28624250	28624350	901-Lng-A-T	290	chr7:28624250-28624350
chr7	28662150	28662250	1072-Lng-A-T	146	chr7:28662150-28662250
chr7	28973150	28973250	1167-Lng-A-T	101	chr7:28973150-28973250
chr7	29058750	29058850	1065-Lng-B-T	52	chr7:29058750-29058850
chr7	29102050	29102150	1151-Lng-A-T	159	chr7:29102050-29102150
chr7	29117250	29117350	901-Lng-A-T	69	chr7:29117250-29117350

Table S2: SB Insertion regions

chr7	29215050	29215150	1188-Lng-A-T	35	chr7:29215050-29215150
chr7	29217550	29217650	1065-Lng-B-T	52	chr7:29217550-29217650
chr7	29629150	29629250	1223-Lng-D-T	56	chr7:29629150-29629250
chr7	30056050	30056150	901-Lng-B-T	179	chr7:30056050-30056150
chr7	30112050	30112150	1065-Lng-B-T	79	chr7:30112050-30112150
chr7	30215050	30215150	901-Lng-A-T	60	chr7:30215050-30215150
chr7	30458750	30458850	901-Lng-B-T	182	chr7:30458750-30458850
chr7	30513450	30513550	1152-Lng-A-T	122	chr7:30513450-30513550
chr7	30553950	30554050	901-Lng-D-T	90	chr7:30553950-30554050
chr7	30609450	30609550	901-Lng-B-T	88	chr7:30609450-30609550
chr7	30791150	30791250	1223-Lng-C-T	88	chr7:30791150-30791250
chr7	31589350	31589450	1065-Lng-A-T	98	chr7:31589350-31589450
chr7	31729950	31730050	1188-Lng-A-T	87	chr7:31729950-31730050
chr7	31754250	31754350	1274-Lng-A-T	184	chr7:31754250-31754350
chr7	31756650	31756750	1274-Lng-A-T	51	chr7:31756650-31756750
chr7	31757350	31757450	901-Lng-C-T	50	chr7:31757350-31757450
chr7	31782650	31782750	901-Lng-D-T	434	chr7:31782650-31782750
chr7	32318650	32318750	901-Lng-B-T	139	chr7:32318650-32318750
chr7	32413250	32413350	1065-Lng-C-T	84	chr7:32413250-32413350
chr7	32422950	32423050	901-Lng-A-T	56	chr7:32422950-32423050
chr7	32715550	32715650	1065-Lng-B-T	45	chr7:32715550-32715650
chr7	33124950	33125050	901-Lng-C-T	28	chr7:33124950-33125050
chr7	34164050	34164150	846-Lng-A-T	158	chr7:34164050-34164150
chr7	34232250	34232350	1072-Lng-A-T	52	chr7:34232250-34232350
chr7	34250450	34250550	1223-Lng-A-T	1009	chr7:34250450-34250550
chr7	34456850	34456950	901-Lng-B-T	51	chr7:34456850-34456950
chr7	34705050	34705150	901-Lng-C-T	244	chr7:34705050-34705150
chr7	34722250	34722350	1004-Lng-A-T	112	chr7:34722250-34722350
chr7	34825650	34825750	1072-Lng-A-T	123	chr7:34825650-34825750
chr7	34899550	34899650	901-Lng-A-T	59	chr7:34899550-34899650
chr7	34933050	34933150	1004-Lng-A-T	71	chr7:34933050-34933150
chr7	34937250	34937350	1223-Lng-C-T	48	chr7:34937250-34937350
chr7	34948750	34948850	1090-Lng-A-T	65	chr7:34948750-34948850
chr7	35008250	35008350	1004-Lng-A-T	86	chr7:35008250-35008350
chr7	35090250	35090350	1274-Lng-A-T	199	chr7:35090250-35090350
chr7	35145150	35145250	1188-Lng-A-T	174	chr7:35145150-35145250
chr7	35299850	35299950	1065-Lng-B-T	51	chr7:35299850-35299950
chr7	35464450	35464550	1072-Lng-A-T	50	chr7:35464450-35464550
chr7	35489850	35489950	1152-Lng-A-T	49	chr7:35489850-35489950
chr7	35496150	35496250	1065-Lng-A-T	43	chr7:35496150-35496250
chr7	35530950	35531050	901-Lng-B-T	77	chr7:35530950-35531050
chr7	35551550	35551650	1100-Lng-B-T	58	chr7:35551550-35551650
chr7	35795150	35795250	1090-Lng-A-T	54	chr7:35795150-35795250
chr7	35824750	35824850	901-Lng-C-T	31	chr7:35824750-35824850
chr7	35833250	35833350	1274-Lng-A-T	111	chr7:35833250-35833350
chr7	35842750	35842850	901-Lng-C-T	29	chr7:35842750-35842850

Table S2: SB Insertion regions

chr7	35846750	35846850	901-Lng-A-T	61	chr7:35846750-35846850
chr7	36046250	36046350	1090-Lng-B-T	433	chr7:36046250-36046350
chr7	36379750	36379850	1188-Lng-A-T	35	chr7:36379750-36379850
chr7	36581650	36581750	1072-Lng-A-T	50	chr7:36581650-36581750
chr7	36659150	36659250	901-Lng-A-T	87	chr7:36659150-36659250
chr7	36833750	36833850	1072-Lng-A-T	49	chr7:36833750-36833850
chr7	37071450	37071550	901-Lng-D-T	300	chr7:37071450-37071550
chr7	37081250	37081350	1004-Lng-A-T	49	chr7:37081250-37081350
chr7	37812850	37812950	1065-Lng-A-T	73	chr7:37812850-37812950
chr7	37818250	37818350	1223-Lng-A-T	270	chr7:37818250-37818350
chr7	38627750	38627850	1090-Lng-A-T	50	chr7:38627750-38627850
chr7	38735650	38735750	1223-Lng-C-T	4130	chr7:38735650-38735750
chr7	38746150	38746250	1072-Lng-A-T	55	chr7:38746150-38746250
chr7	38777550	38777650	901-Lng-D-T	659	chr7:38777550-38777650
chr7	38789950	38790050	1072-Lng-A-T	60	chr7:38789950-38790050
chr7	38966950	38967050	1223-Lng-D-T	214	chr7:38966950-38967050
chr7	39076750	39076850	1152-Lng-A-T	99	chr7:39076750-39076850
chr7	39104950	39105050	901-Lng-B-T	71	chr7:39104950-39105050
chr7	46660150	46660250	1065-Lng-A-T	60	chr7:46660150-46660250
chr7	47072850	47072950	1223-Lng-D-T	49	chr7:47072850-47072950
chr7	47174550	47174650	901-Lng-B-T	418	chr7:47174550-47174650
chr7	47206550	47206650	846-Lng-A-T	46	chr7:47206550-47206650
chr7	47416250	47416350	1065-Lng-B-T	66	chr7:47416250-47416350
chr7	47448450	47448550	1090-Lng-A-T	73	chr7:47448450-47448550
chr7	47588150	47588250	1072-Lng-A-T	186	chr7:47588150-47588250
chr7	47696850	47696950	1065-Lng-B-T	40	chr7:47696850-47696950
chr7	47737150	47737250	1065-Lng-C-T	86	chr7:47737150-47737250
chr7	47885950	47886050	1274-Lng-A-T	200	chr7:47885950-47886050
chr7	48232550	48232650	1004-Lng-A-T	51	chr7:48232550-48232650
chr7	48480950	48481050	1004-Lng-A-T	89	chr7:48480950-48481050
chr7	48799350	48799450	1004-Lng-A-T	83	chr7:48799350-48799450
chr7	48838650	48838750	1100-Lng-A-T	60	chr7:48838650-48838750
chr7	49014950	49015050	1065-Lng-A-T	49	chr7:49014950-49015050
chr7	49021750	49021850	901-Lng-C-T	106	chr7:49021750-49021850
chr7	49147450	49147550	901-Lng-D-T	153	chr7:49147450-49147550
chr7	49208450	49208550	1072-Lng-A-T	49	chr7:49208450-49208550
chr7	49271650	49271750	1004-Lng-A-T	61	chr7:49271650-49271750
chr7	49309850	49309950	1274-Lng-A-T	49	chr7:49309850-49309950
chr7	49440350	49440450	1152-Lng-A-T	39	chr7:49440350-49440450
chr7	49722650	49722750	1090-Lng-B-T	166	chr7:49722650-49722750
chr7	49732950	49733050	901-Lng-D-T	145	chr7:49732950-49733050
chr7	50464950	50465050	1065-Lng-A-T	36	chr7:50464950-50465050
chr7	50567050	50567150	1004-Lng-A-T	90	chr7:50567050-50567150
chr7	50848750	50848850	901-Lng-A-T	102	chr7:50848750-50848850
chr7	50946450	50946550	901-Lng-A-T	52	chr7:50946450-50946550
chr7	50969250	50969350	901-Lng-A-T	252	chr7:50969250-50969350

Table S2: SB Insertion regions

chr7	50974950	50975050	1151-Lng-A-T	186	chr7:50974950-50975050
chr7	50975450	50975550	1274-Lng-A-T	51	chr7:50975450-50975550
chr7	51327050	51327150	1004-Lng-A-T	63	chr7:51327050-51327150
chr7	51671750	51671850	1004-Lng-A-T	662	chr7:51671750-51671850
chr7	51749350	51749450	1223-Lng-A-T	114	chr7:51749350-51749450
chr7	51931450	51931550	1100-Lng-A-T	128	chr7:51931450-51931550
chr7	51948250	51948350	901-Lng-A-T	297	chr7:51948250-51948350
chr7	51981750	51981850	1274-Lng-A-T	69	chr7:51981750-51981850
chr7	52006650	52006750	901-Lng-C-T	33	chr7:52006650-52006750
chr7	52072350	52072450	1274-Lng-A-T	204	chr7:52072350-52072450
chr7	52130650	52130750	1072-Lng-A-T	51	chr7:52130650-52130750
chr7	52182750	52182850	1065-Lng-A-T	66	chr7:52182750-52182850
chr7	52445850	52445950	1274-Lng-A-T	153	chr7:52445850-52445950
chr7	52581250	52581350	1274-Lng-A-T	97	chr7:52581250-52581350
chr7	52595250	52595350	901-Lng-A-T	89	chr7:52595250-52595350
chr7	52620950	52621050	901-Lng-B-T	57	chr7:52620950-52621050
chr7	52838150	52838250	1004-Lng-A-T	175	chr7:52838150-52838250
chr7	52881750	52881850	1223-Lng-A-T	67	chr7:52881750-52881850
chr7	52926350	52926450	1065-Lng-C-T	251	chr7:52926350-52926450
chr7	53153850	53153950	901-Lng-B-T	236	chr7:53153850-53153950
chr7	53226250	53226350	1065-Lng-B-T	56	chr7:53226250-53226350
chr7	53394350	53394450	1090-Lng-B-T	153	chr7:53394350-53394450
chr7	53463550	53463650	901-Lng-C-T	71	chr7:53463550-53463650
chr7	53594650	53594750	1072-Lng-A-T	51	chr7:53594650-53594750
chr7	53616250	53616350	1274-Lng-A-T	75	chr7:53616250-53616350
chr7	53793950	53794050	1065-Lng-C-T	219	chr7:53793950-53794050
chr7	53923550	53923650	1072-Lng-A-T	189	chr7:53923550-53923650
chr7	54037550	54037650	1065-Lng-B-T	298	chr7:54037550-54037650
chr7	54163750	54163850	1223-Lng-D-T	55	chr7:54163750-54163850
chr7	54165650	54165750	1151-Lng-A-T	609	chr7:54165650-54165750
chr7	54169250	54169350	901-Lng-D-T	764	chr7:54169250-54169350
chr7	54210350	54210450	1090-Lng-B-T	450	chr7:54210350-54210450
chr7	54240050	54240150	1065-Lng-C-T	83	chr7:54240050-54240150
chr7	54259050	54259150	1152-Lng-A-T	41	chr7:54259050-54259150
chr7	54275550	54275650	1223-Lng-C-T	51	chr7:54275550-54275650
chr7	54279450	54279550	901-Lng-B-T	245	chr7:54279450-54279550
chr7	54305450	54305550	1274-Lng-A-T	139	chr7:54305450-54305550
chr7	54330750	54330850	1223-Lng-C-T	57	chr7:54330750-54330850
chr7	54352550	54352650	901-Lng-C-T	28	chr7:54352550-54352650
chr7	54367450	54367550	901-Lng-C-T	61	chr7:54367450-54367550
chr7	54392550	54392650	901-Lng-C-T	1853	chr7:54392550-54392650
chr7	54392950	54393050	901-Lng-C-T	41	chr7:54392950-54393050
chr7	54500050	54500150	1223-Lng-A-T	58	chr7:54500050-54500150
chr7	54606450	54606550	1065-Lng-B-T	47	chr7:54606450-54606550
chr7	54637250	54637350	1274-Lng-A-T	126	chr7:54637250-54637350
chr7	54666650	54666750	1065-Lng-B-T	56	chr7:54666650-54666750

Table S2: SB Insertion regions

chr7	54896450	54896550	1151-Lng-A-T	367	chr7:54896450-54896550
chr7	54901250	54901350	1004-Lng-A-T	52	chr7:54901250-54901350
chr7	55072550	55072650	1223-Lng-C-T	43	chr7:55072550-55072650
chr7	55083050	55083150	901-Lng-C-T	58	chr7:55083050-55083150
chr7	55207950	55208050	1065-Lng-B-T	75	chr7:55207950-55208050
chr7	55239150	55239250	901-Lng-A-T	69	chr7:55239150-55239250
chr7	55263950	55264050	1090-Lng-A-T	46	chr7:55263950-55264050
chr7	55535350	55535450	1223-Lng-A-T	227	chr7:55535350-55535450
chr7	55550850	55550950	1152-Lng-A-T	108	chr7:55550850-55550950
chr7	55574850	55574950	1100-Lng-A-T	92	chr7:55574850-55574950
chr7	55698350	55698450	901-Lng-C-T	118	chr7:55698350-55698450
chr7	55723850	55723950	901-Lng-A-T	240	chr7:55723850-55723950
chr7	55946550	55946650	1188-Lng-A-T	173	chr7:55946550-55946650
chr7	56005550	56005650	1004-Lng-A-T	63	chr7:56005550-56005650
chr7	56400750	56400850	901-Lng-A-T	50	chr7:56400750-56400850
chr7	56532250	56532350	1004-Lng-A-T	246	chr7:56532250-56532350
chr7	56620050	56620150	1152-Lng-A-T	96	chr7:56620050-56620150
chr7	56626350	56626450	1152-Lng-A-T	46	chr7:56626350-56626450
chr7	56675850	56675950	901-Lng-C-T	45	chr7:56675850-56675950
chr7	56715150	56715250	1100-Lng-A-T	68	chr7:56715150-56715250
chr7	56716950	56717050	1223-Lng-C-T	259	chr7:56716950-56717050
chr7	56782150	56782250	1090-Lng-A-T	52	chr7:56782150-56782250
chr7	56797750	56797850	1065-Lng-B-T	74	chr7:56797750-56797850
chr7	56848850	56848950	1090-Lng-A-T	45	chr7:56848850-56848950
chr7	57083250	57083350	1100-Lng-B-T	52	chr7:57083250-57083350
chr7	57148550	57148650	1223-Lng-A-T	108	chr7:57148550-57148650
chr7	57354450	57354550	1223-Lng-C-T	46	chr7:57354450-57354550
chr7	57405950	57406050	1004-Lng-A-T	74	chr7:57405950-57406050
chr7	57534350	57534450	1004-Lng-A-T	1321	chr7:57534350-57534450
chr7	57647650	57647750	901-Lng-D-T	159	chr7:57647650-57647750
chr7	57933350	57933450	846-Lng-A-T	192	chr7:57933350-57933450
chr7	58269150	58269250	1065-Lng-A-T	196	chr7:58269150-58269250
chr7	58708650	58708750	1223-Lng-C-T	58	chr7:58708650-58708750
chr7	58822050	58822150	901-Lng-B-T	85	chr7:58822050-58822150
chr7	58948050	58948150	901-Lng-B-T	44	chr7:58948050-58948150
chr7	59041650	59041750	1065-Lng-B-T	41	chr7:59041650-59041750
chr7	59197750	59197850	1188-Lng-A-T	201	chr7:59197750-59197850
chr7	59249250	59249350	1072-Lng-A-T	55	chr7:59249250-59249350
chr7	59251850	59251950	901-Lng-A-T	64	chr7:59251850-59251950
chr7	59880250	59880350	1223-Lng-B-T	45	chr7:59880250-59880350
chr7	60314950	60315050	1152-Lng-A-T	115	chr7:60314950-60315050
chr7	60461550	60461650	1004-Lng-A-T	63	chr7:60461550-60461650
chr7	60590650	60590750	901-Lng-B-T	117	chr7:60590650-60590750
chr7	60616750	60616850	1090-Lng-A-T	67	chr7:60616750-60616850
chr7	60773050	60773150	1065-Lng-B-T	277	chr7:60773050-60773150
chr7	61064050	61064150	901-Lng-C-T	38	chr7:61064050-61064150

Table S2: SB Insertion regions

chr7	61146850	61146950	1090-Lng-A-T	75	chr7:61146850-61146950
chr7	61162450	61162550	1004-Lng-A-T	75	chr7:61162450-61162550
chr7	61214850	61214950	1274-Lng-A-T	74	chr7:61214850-61214950
chr7	61301050	61301150	1223-Lng-B-T	45	chr7:61301050-61301150
chr7	61341450	61341550	1004-Lng-A-T	76	chr7:61341450-61341550
chr7	61381650	61381750	1152-Lng-A-T	41	chr7:61381650-61381750
chr7	61399950	61400050	1090-Lng-A-T	90	chr7:61399950-61400050
chr7	61665450	61665550	1004-Lng-A-T	59	chr7:61665450-61665550
chr7	61795250	61795350	1090-Lng-B-T	665	chr7:61795250-61795350
chr7	62153450	62153550	1004-Lng-A-T	121	chr7:62153450-62153550
chr7	62185750	62185850	1004-Lng-A-T	80	chr7:62185750-62185850
chr7	62235350	62235450	1223-Lng-A-T	973	chr7:62235350-62235450
chr7	62275950	62276050	1072-Lng-A-T	75	chr7:62275950-62276050
chr7	62353250	62353350	1065-Lng-C-T	82	chr7:62353250-62353350
chr7	62379450	62379550	1090-Lng-A-T	111	chr7:62379450-62379550
chr7	62411150	62411250	1167-Lng-A-T	76	chr7:62411150-62411250
chr7	62709150	62709250	1223-Lng-A-T	76	chr7:62709150-62709250
chr7	62833050	62833150	1188-Lng-A-T	42	chr7:62833050-62833150
chr7	63043150	63043250	1151-Lng-A-T	61	chr7:63043150-63043250
chr7	63095050	63095150	1065-Lng-A-T	38	chr7:63095050-63095150
chr7	63098950	63099050	1167-Lng-A-T	57	chr7:63098950-63099050
chr7	63193050	63193150	1151-Lng-A-T	61	chr7:63193050-63193150
chr7	63229250	63229350	1151-Lng-A-T	63	chr7:63229250-63229350
chr7	63296950	63297050	901-Lng-C-T	119	chr7:63296950-63297050
chr7	63413850	63413950	901-Lng-C-T	39	chr7:63413850-63413950
chr7	63531150	63531250	1090-Lng-A-T	53	chr7:63531150-63531250
chr7	63864350	63864450	1223-Lng-A-T	108	chr7:63864350-63864450
chr7	63907450	63907550	1223-Lng-C-T	73	chr7:63907450-63907550
chr7	64217450	64217550	1072-Lng-A-T	49	chr7:64217450-64217550
chr7	64423650	64423750	846-Lng-A-T	129	chr7:64423650-64423750
chr7	64446950	64447050	1065-Lng-B-T	67	chr7:64446950-64447050
chr7	64571850	64571950	1072-Lng-A-T	60	chr7:64571850-64571950
chr7	64734350	64734450	1274-Lng-A-T	86	chr7:64734350-64734450
chr7	65069050	65069150	901-Lng-B-T	241	chr7:65069050-65069150
chr7	65441850	65441950	901-Lng-C-T	57	chr7:65441850-65441950
chr7	65523350	65523450	1072-Lng-A-T	50	chr7:65523350-65523450
chr7	65586650	65586750	901-Lng-A-T	159	chr7:65586650-65586750
chr7	65887050	65887150	901-Lng-C-T	53	chr7:65887050-65887150
chr7	65942450	65942550	1188-Lng-A-T	43	chr7:65942450-65942550
chr7	66060850	66060950	1152-Lng-A-T	88	chr7:66060850-66060950
chr7	66123150	66123250	846-Lng-A-T	78	chr7:66123150-66123250
chr7	66157850	66157950	901-Lng-A-T	82	chr7:66157850-66157950
chr7	66173850	66173950	1100-Lng-A-T	96	chr7:66173850-66173950
chr7	66268850	66268950	1004-Lng-A-T	65	chr7:66268850-66268950
chr7	66282050	66282150	1065-Lng-C-T	79	chr7:66282050-66282150
chr7	66507650	66507750	1151-Lng-A-T	81	chr7:66507650-66507750

Table S2: SB Insertion regions

chr7	66512250	66512350	1152-Lng-A-T	159	chr7:66512250-66512350
chr7	66544950	66545050	1223-Lng-B-T	42	chr7:66544950-66545050
chr7	66572350	66572450	1274-Lng-A-T	110	chr7:66572350-66572450
chr7	66573950	66574050	1065-Lng-A-T	63	chr7:66573950-66574050
chr7	66580250	66580350	1223-Lng-D-T	44	chr7:66580250-66580350
chr7	67041750	67041850	1065-Lng-B-T	67	chr7:67041750-67041850
chr7	67103450	67103550	1152-Lng-A-T	49	chr7:67103450-67103550
chr7	67263250	67263350	1072-Lng-A-T	85	chr7:67263250-67263350
chr7	67425950	67426050	1152-Lng-A-T	36	chr7:67425950-67426050
chr7	67542550	67542650	1090-Lng-A-T	89	chr7:67542550-67542650
chr7	67556450	67556550	1004-Lng-A-T	53	chr7:67556450-67556550
chr7	67581550	67581650	1223-Lng-B-T	45	chr7:67581550-67581650
chr7	67755350	67755450	901-Lng-D-T	230	chr7:67755350-67755450
chr7	67780450	67780550	1004-Lng-A-T	70	chr7:67780450-67780550
chr7	67869550	67869650	1090-Lng-A-T	60	chr7:67869550-67869650
chr7	68007450	68007550	1188-Lng-A-T	47	chr7:68007450-68007550
chr7	68058550	68058650	901-Lng-A-T	137	chr7:68058550-68058650
chr7	68210750	68210850	1223-Lng-D-T	46	chr7:68210750-68210850
chr7	68236350	68236450	1065-Lng-B-T	95	chr7:68236350-68236450
chr7	68242950	68243050	1004-Lng-A-T	49	chr7:68242950-68243050
chr7	68251350	68251450	1065-Lng-C-T	79	chr7:68251350-68251450
chr7	68324450	68324550	1072-Lng-A-T	52	chr7:68324450-68324550
chr7	68441450	68441550	1223-Lng-C-T	46	chr7:68441450-68441550
chr7	68671550	68671650	1065-Lng-B-T	43	chr7:68671550-68671650
chr7	68723150	68723250	1065-Lng-C-T	68	chr7:68723150-68723250
chr7	69068450	69068550	1188-Lng-A-T	77	chr7:69068450-69068550
chr7	69120050	69120150	901-Lng-A-T	200	chr7:69120050-69120150
chr7	69120650	69120750	1167-Lng-A-T	62	chr7:69120650-69120750
chr7	69125050	69125150	901-Lng-A-T	116	chr7:69125050-69125150
chr7	69199150	69199250	901-Lng-A-T	67	chr7:69199150-69199250
chr7	69353150	69353250	901-Lng-A-T	122	chr7:69353150-69353250
chr7	69480850	69480950	901-Lng-D-T	64	chr7:69480850-69480950
chr7	69505550	69505650	1065-Lng-C-T	163	chr7:69505550-69505650
chr7	69706250	69706350	1152-Lng-A-T	48	chr7:69706250-69706350
chr7	69796150	69796250	901-Lng-A-T	88	chr7:69796150-69796250
chr7	70048350	70048450	1223-Lng-A-T	112	chr7:70048350-70048450
chr7	70076950	70077050	1065-Lng-A-T	38	chr7:70076950-70077050
chr7	70124250	70124350	901-Lng-B-T	162	chr7:70124250-70124350
chr7	70160550	70160650	1072-Lng-A-T	59	chr7:70160550-70160650
chr7	70486550	70486650	1223-Lng-C-T	47	chr7:70486550-70486650
chr7	70673850	70673950	1065-Lng-A-T	62	chr7:70673850-70673950
chr7	70752350	70752450	1065-Lng-A-T	189	chr7:70752350-70752450
chr7	70752650	70752750	1151-Lng-A-T	128	chr7:70752650-70752750
chr7	70777850	70777950	1072-Lng-A-T	56	chr7:70777850-70777950
chr7	70815350	70815450	1100-Lng-A-T	100	chr7:70815350-70815450
chr7	70994450	70994550	1223-Lng-B-T	274	chr7:70994450-70994550

Table S2: SB Insertion regions

chr7	71042750	71042850	1274-Lng-A-T	84	chr7:71042750-71042850
chr7	71060950	71061050	1065-Lng-A-T	83	chr7:71060950-71061050
chr7	71090250	71090350	1274-Lng-A-T	72	chr7:71090250-71090350
chr7	71129750	71129850	1223-Lng-A-T	63	chr7:71129750-71129850
chr7	71140250	71140350	1223-Lng-C-T	323	chr7:71140250-71140350
chr7	71157850	71157950	1223-Lng-B-T	162	chr7:71157850-71157950
chr7	71192750	71192850	901-Lng-A-T	414	chr7:71192750-71192850
chr7	71214050	71214150	901-Lng-D-T	106	chr7:71214050-71214150
chr7	71358350	71358450	1151-Lng-A-T	152	chr7:71358350-71358450
chr7	71377650	71377750	1188-Lng-A-T	36	chr7:71377650-71377750
chr7	71541850	71541950	1090-Lng-A-T	69	chr7:71541850-71541950
chr7	71776950	71777050	1167-Lng-A-T	67	chr7:71776950-71777050
chr7	72438950	72439050	901-Lng-C-T	196	chr7:72438950-72439050
chr7	72489050	72489150	1223-Lng-C-T	44	chr7:72489050-72489150
chr7	72489550	72489650	1167-Lng-A-T	46	chr7:72489550-72489650
chr7	72507950	72508050	1223-Lng-A-T	188	chr7:72507950-72508050
chr7	72507950	72508050	1223-Lng-C-T	103	chr7:72507950-72508050
chr7	72512150	72512250	1072-Lng-A-T	220	chr7:72512150-72512250
chr7	72585750	72585850	1223-Lng-C-T	70	chr7:72585750-72585850
chr7	72635250	72635350	901-Lng-A-T	58	chr7:72635250-72635350
chr7	72642550	72642650	1100-Lng-A-T	52	chr7:72642550-72642650
chr7	72726650	72726750	1188-Lng-A-T	35	chr7:72726650-72726750
chr7	72745450	72745550	1065-Lng-C-T	73	chr7:72745450-72745550
chr7	72816050	72816150	901-Lng-D-T	347	chr7:72816050-72816150
chr7	72847450	72847550	1065-Lng-C-T	73	chr7:72847450-72847550
chr7	72897350	72897450	1065-Lng-A-T	101	chr7:72897350-72897450
chr7	73220850	73220950	1065-Lng-A-T	81	chr7:73220850-73220950
chr7	73228250	73228350	1223-Lng-C-T	43	chr7:73228250-73228350
chr7	73282050	73282150	1090-Lng-B-T	637	chr7:73282050-73282150
chr7	73305250	73305350	901-Lng-A-T	84	chr7:73305250-73305350
chr7	73311850	73311950	1223-Lng-C-T	44	chr7:73311850-73311950
chr7	73328550	73328650	1188-Lng-A-T	117	chr7:73328550-73328650
chr7	73471250	73471350	1004-Lng-A-T	85	chr7:73471250-73471350
chr7	73488850	73488950	1004-Lng-A-T	136	chr7:73488850-73488950
chr7	73491750	73491850	1152-Lng-A-T	80	chr7:73491750-73491850
chr7	73503450	73503550	901-Lng-C-T	112	chr7:73503450-73503550
chr7	73509750	73509850	1223-Lng-B-T	133	chr7:73509750-73509850
chr7	73515650	73515750	1223-Lng-B-T	36	chr7:73515650-73515750
chr7	73579750	73579850	1065-Lng-B-T	291	chr7:73579750-73579850
chr7	73860550	73860650	1188-Lng-A-T	220	chr7:73860550-73860650
chr7	73918650	73918750	1274-Lng-A-T	116	chr7:73918650-73918750
chr7	74106250	74106350	1152-Lng-A-T	57	chr7:74106250-74106350
chr7	74338350	74338450	1065-Lng-B-T	58	chr7:74338350-74338450
chr7	74412550	74412650	1072-Lng-A-T	55	chr7:74412550-74412650
chr7	74414950	74415050	846-Lng-A-T	63	chr7:74414950-74415050
chr7	74428550	74428650	1004-Lng-A-T	352	chr7:74428550-74428650

Table S2: SB Insertion regions

chr7	74436550	74436650	1004-Lng-A-T	68	chr7:74436550-74436650
chr7	74474850	74474950	1072-Lng-A-T	116	chr7:74474850-74474950
chr7	74481350	74481450	1065-Lng-B-T	60	chr7:74481350-74481450
chr7	74483950	74484050	1090-Lng-A-T	74	chr7:74483950-74484050
chr7	74489450	74489550	1274-Lng-A-T	70	chr7:74489450-74489550
chr7	74496850	74496950	1004-Lng-A-T	62	chr7:74496850-74496950
chr7	74552350	74552450	1065-Lng-C-T	97	chr7:74552350-74552450
chr7	74629050	74629150	1167-Lng-A-T	51	chr7:74629050-74629150
chr7	74787150	74787250	1223-Lng-B-T	68	chr7:74787150-74787250
chr7	74804050	74804150	901-Lng-C-T	49	chr7:74804050-74804150
chr7	74846750	74846850	1274-Lng-A-T	50	chr7:74846750-74846850
chr7	74967450	74967550	1004-Lng-A-T	767	chr7:74967450-74967550
chr7	75192250	75192350	1065-Lng-B-T	80	chr7:75192250-75192350
chr7	75207450	75207550	1167-Lng-A-T	46	chr7:75207450-75207550
chr7	75583850	75583950	1223-Lng-A-T	302	chr7:75583850-75583950
chr7	75640550	75640650	1004-Lng-A-T	70	chr7:75640550-75640650
chr7	75672950	75673050	1065-Lng-A-T	40	chr7:75672950-75673050
chr7	75942550	75942650	1188-Lng-A-T	42	chr7:75942550-75942650
chr7	76026850	76026950	901-Lng-A-T	160	chr7:76026850-76026950
chr7	76036650	76036750	1090-Lng-A-T	129	chr7:76036650-76036750
chr7	76074550	76074650	1152-Lng-A-T	40	chr7:76074550-76074650
chr7	76111250	76111350	1072-Lng-A-T	74	chr7:76111250-76111350
chr7	76167050	76167150	1090-Lng-A-T	1397	chr7:76167050-76167150
chr7	76371750	76371850	901-Lng-A-T	50	chr7:76371750-76371850
chr7	76467850	76467950	1065-Lng-B-T	40	chr7:76467850-76467950
chr7	76471350	76471450	1223-Lng-B-T	43	chr7:76471350-76471450
chr7	76484450	76484550	901-Lng-C-T	65	chr7:76484450-76484550
chr7	76747750	76747850	1065-Lng-B-T	81	chr7:76747750-76747850
chr7	76864950	76865050	846-Lng-A-T	43	chr7:76864950-76865050
chr7	77357050	77357150	1004-Lng-A-T	56	chr7:77357050-77357150
chr7	77516950	77517050	901-Lng-C-T	40	chr7:77516950-77517050
chr7	77582550	77582650	1065-Lng-C-T	69	chr7:77582550-77582650
chr7	77656650	77656750	1167-Lng-A-T	52	chr7:77656650-77656750
chr7	77658150	77658250	1223-Lng-C-T	52	chr7:77658150-77658250
chr7	77659350	77659450	1152-Lng-A-T	302	chr7:77659350-77659450
chr7	77789650	77789750	1065-Lng-A-T	70	chr7:77789650-77789750
chr7	77908750	77908850	901-Lng-D-T	171	chr7:77908750-77908850
chr7	78133750	78133850	1274-Lng-A-T	125	chr7:78133750-78133850
chr7	78295250	78295350	901-Lng-C-T	97	chr7:78295250-78295350
chr7	78426250	78426350	1004-Lng-A-T	91	chr7:78426250-78426350
chr7	78470650	78470750	1004-Lng-A-T	744	chr7:78470650-78470750
chr7	78590850	78590950	901-Lng-C-T	50	chr7:78590850-78590950
chr7	78715350	78715450	1065-Lng-B-T	41	chr7:78715350-78715450
chr7	78805650	78805750	1065-Lng-B-T	96	chr7:78805650-78805750
chr7	79304850	79304950	1072-Lng-A-T	77	chr7:79304850-79304950
chr7	79424350	79424450	1004-Lng-A-T	152	chr7:79424350-79424450

Table S2: SB Insertion regions

chr7	79815750	79815850	1072-Lng-A-T	94	chr7:79815750-79815850
chr7	80416150	80416250	1004-Lng-A-T	52	chr7:80416150-80416250
chr7	80555050	80555150	1065-Lng-C-T	77	chr7:80555050-80555150
chr7	80579350	80579450	1065-Lng-B-T	55	chr7:80579350-80579450
chr7	80583250	80583350	1151-Lng-A-T	483	chr7:80583250-80583350
chr7	80648550	80648650	1151-Lng-A-T	81	chr7:80648550-80648650
chr7	80666650	80666750	1223-Lng-D-T	40	chr7:80666650-80666750
chr7	80687750	80687850	1090-Lng-A-T	50	chr7:80687750-80687850
chr7	80698550	80698650	1065-Lng-B-T	46	chr7:80698550-80698650
chr7	80765050	80765150	1065-Lng-A-T	52	chr7:80765050-80765150
chr7	80765350	80765450	846-Lng-A-T	59	chr7:80765350-80765450
chr7	81284350	81284450	1274-Lng-A-T	70	chr7:81284350-81284450
chr7	81546250	81546350	1167-Lng-A-T	173	chr7:81546250-81546350
chr7	81582950	81583050	1274-Lng-A-T	132	chr7:81582950-81583050
chr7	81588050	81588150	1100-Lng-B-T	177	chr7:81588050-81588150
chr7	81612250	81612350	1223-Lng-B-T	78	chr7:81612250-81612350
chr7	81631950	81632050	1004-Lng-A-T	560	chr7:81631950-81632050
chr7	81683550	81683650	1065-Lng-A-T	42	chr7:81683550-81683650
chr7	81685050	81685150	1004-Lng-A-T	71	chr7:81685050-81685150
chr7	81728250	81728350	1072-Lng-A-T	64	chr7:81728250-81728350
chr7	81853850	81853950	1223-Lng-A-T	51	chr7:81853850-81853950
chr7	81927750	81927850	901-Lng-B-T	158	chr7:81927750-81927850
chr7	82005050	82005150	1223-Lng-B-T	103	chr7:82005050-82005150
chr7	82226650	82226750	1072-Lng-A-T	59	chr7:82226650-82226750
chr7	82280250	82280350	1065-Lng-A-T	49	chr7:82280250-82280350
chr7	82318850	82318950	1167-Lng-A-T	90	chr7:82318850-82318950
chr7	82421650	82421750	1072-Lng-A-T	175	chr7:82421650-82421750
chr7	82613050	82613150	1223-Lng-D-T	49	chr7:82613050-82613150
chr7	82622750	82622850	1152-Lng-A-T	76	chr7:82622750-82622850
chr7	82651650	82651750	846-Lng-A-T	137	chr7:82651650-82651750
chr7	82666050	82666150	1065-Lng-A-T	76	chr7:82666050-82666150
chr7	82702050	82702150	1004-Lng-A-T	287	chr7:82702050-82702150
chr7	82702550	82702650	901-Lng-C-T	45	chr7:82702550-82702650
chr7	82716350	82716450	1152-Lng-A-T	70	chr7:82716350-82716450
chr7	82726750	82726850	1223-Lng-D-T	51	chr7:82726750-82726850
chr7	82747050	82747150	1274-Lng-A-T	185	chr7:82747050-82747150
chr7	82834750	82834850	1065-Lng-B-T	51	chr7:82834750-82834850
chr7	82879150	82879250	846-Lng-A-T	58	chr7:82879150-82879250
chr7	83004450	83004550	1151-Lng-A-T	63	chr7:83004450-83004550
chr7	83183550	83183650	1004-Lng-A-T	63	chr7:83183550-83183650
chr7	83287450	83287550	1065-Lng-A-T	105	chr7:83287450-83287550
chr7	83784850	83784950	1065-Lng-A-T	42	chr7:83784850-83784950
chr7	83824450	83824550	1223-Lng-A-T	2318	chr7:83824450-83824550
chr7	83930450	83930550	1065-Lng-C-T	86	chr7:83930450-83930550
chr7	84009550	84009650	1274-Lng-A-T	83	chr7:84009550-84009650
chr7	84021150	84021250	901-Lng-B-T	40	chr7:84021150-84021250

Table S2: SB Insertion regions

chr7	84175350	84175450	1152-Lng-A-T	33	chr7:84175350-84175450
chr7	84180550	84180650	1152-Lng-A-T	49	chr7:84180550-84180650
chr7	84236850	84236950	1065-Lng-C-T	63	chr7:84236850-84236950
chr7	84373750	84373850	901-Lng-A-T	176	chr7:84373750-84373850
chr7	84384750	84384850	1223-Lng-D-T	45	chr7:84384750-84384850
chr7	84450150	84450250	1004-Lng-A-T	64	chr7:84450150-84450250
chr7	84985050	84985150	1004-Lng-A-T	56	chr7:84985050-84985150
chr7	85049050	85049150	1004-Lng-A-T	62	chr7:85049050-85049150
chr7	85116950	85117050	901-Lng-C-T	34	chr7:85116950-85117050
chr7	85174250	85174350	901-Lng-A-T	361	chr7:85174250-85174350
chr7	85222650	85222750	901-Lng-B-T	38	chr7:85222650-85222750
chr7	85312950	85313050	846-Lng-A-T	128	chr7:85312950-85313050
chr7	85368350	85368450	1065-Lng-A-T	34	chr7:85368350-85368450
chr7	85408750	85408850	1152-Lng-A-T	259	chr7:85408750-85408850
chr7	85448350	85448450	901-Lng-A-T	425	chr7:85448350-85448450
chr7	85569250	85569350	1065-Lng-B-T	613	chr7:85569250-85569350
chr7	85860650	85860750	1065-Lng-C-T	79	chr7:85860650-85860750
chr7	85896750	85896850	1100-Lng-B-T	60	chr7:85896750-85896850
chr7	86284550	86284650	1151-Lng-A-T	55	chr7:86284550-86284650
chr7	86327050	86327150	1004-Lng-A-T	71	chr7:86327050-86327150
chr7	86349750	86349850	1100-Lng-B-T	453	chr7:86349750-86349850
chr7	86393450	86393550	1188-Lng-A-T	161	chr7:86393450-86393550
chr7	86433250	86433350	1223-Lng-C-T	86	chr7:86433250-86433350
chr7	86435550	86435650	1223-Lng-B-T	228	chr7:86435550-86435650
chr7	86459350	86459450	901-Lng-B-T	131	chr7:86459350-86459450
chr7	86555850	86555950	846-Lng-A-T	139	chr7:86555850-86555950
chr7	86603250	86603350	901-Lng-B-T	40	chr7:86603250-86603350
chr7	86643550	86643650	1100-Lng-B-T	64	chr7:86643550-86643650
chr7	87048850	87048950	1100-Lng-A-T	81	chr7:87048850-87048950
chr7	87053650	87053750	901-Lng-A-T	65	chr7:87053650-87053750
chr7	87089150	87089250	1072-Lng-A-T	51	chr7:87089150-87089250
chr7	87207250	87207350	1223-Lng-C-T	62	chr7:87207250-87207350
chr7	87237050	87237150	1223-Lng-B-T	35	chr7:87237050-87237150
chr7	87249550	87249650	1274-Lng-A-T	66	chr7:87249550-87249650
chr7	87297550	87297650	1065-Lng-B-T	1431	chr7:87297550-87297650
chr7	87316850	87316950	901-Lng-C-T	84	chr7:87316850-87316950
chr7	87424150	87424250	1065-Lng-A-T	163	chr7:87424150-87424250
chr7	87461550	87461650	901-Lng-D-T	400	chr7:87461550-87461650
chr7	87483450	87483550	1065-Lng-B-T	42	chr7:87483450-87483550
chr7	87554150	87554250	1100-Lng-B-T	98	chr7:87554150-87554250
chr7	87626250	87626350	1065-Lng-C-T	63	chr7:87626250-87626350
chr7	87779850	87779950	1223-Lng-C-T	90	chr7:87779850-87779950
chr7	87802250	87802350	1223-Lng-A-T	510	chr7:87802250-87802350
chr7	87831350	87831450	1274-Lng-A-T	53	chr7:87831350-87831450
chr7	87848050	87848150	901-Lng-C-T	120	chr7:87848050-87848150
chr7	87900950	87901050	1004-Lng-A-T	627	chr7:87900950-87901050

Table S2: SB Insertion regions

chr7	87909550	87909650	1223-Lng-B-T	62	chr7:87909550-87909650
chr7	87914550	87914650	1065-Lng-A-T	721	chr7:87914550-87914650
chr7	87928250	87928350	1100-Lng-A-T	63	chr7:87928250-87928350
chr7	87980050	87980150	1223-Lng-B-T	51	chr7:87980050-87980150
chr7	88006850	88006950	1100-Lng-A-T	70	chr7:88006850-88006950
chr7	88043850	88043950	901-Lng-C-T	32	chr7:88043850-88043950
chr7	88147750	88147850	1167-Lng-A-T	87	chr7:88147750-88147850
chr7	88182050	88182150	1167-Lng-A-T	48	chr7:88182050-88182150
chr7	88414650	88414750	1167-Lng-A-T	47	chr7:88414650-88414750
chr7	88583050	88583150	1152-Lng-A-T	95	chr7:88583050-88583150
chr7	88705350	88705450	901-Lng-C-T	83	chr7:88705350-88705450
chr7	88711350	88711450	1065-Lng-B-T	111	chr7:88711350-88711450
chr7	88730350	88730450	901-Lng-C-T	57	chr7:88730350-88730450
chr7	88836850	88836950	1223-Lng-B-T	74	chr7:88836850-88836950
chr7	89022950	89023050	1223-Lng-A-T	72	chr7:89022950-89023050
chr7	89114350	89114450	1167-Lng-A-T	122	chr7:89114350-89114450
chr7	89581550	89581650	1152-Lng-A-T	305	chr7:89581550-89581650
chr7	89655250	89655350	1090-Lng-A-T	60	chr7:89655250-89655350
chr7	89812750	89812850	901-Lng-C-T	29	chr7:89812750-89812850
chr7	89937650	89937750	846-Lng-A-T	1218	chr7:89937650-89937750
chr7	89953550	89953650	1004-Lng-A-T	63	chr7:89953550-89953650
chr7	90117050	90117150	901-Lng-C-T	248	chr7:90117050-90117150
chr7	90219350	90219450	1152-Lng-A-T	295	chr7:90219350-90219450
chr7	90389950	90390050	1167-Lng-A-T	93	chr7:90389950-90390050
chr7	90487350	90487450	1152-Lng-A-T	75	chr7:90487350-90487450
chr7	90513550	90513650	1188-Lng-A-T	106	chr7:90513550-90513650
chr7	90785350	90785450	1151-Lng-A-T	200	chr7:90785350-90785450
chr7	90988950	90989050	901-Lng-A-T	382	chr7:90988950-90989050
chr7	91044750	91044850	1223-Lng-C-T	50	chr7:91044750-91044850
chr7	91068750	91068850	1167-Lng-A-T	363	chr7:91068750-91068850
chr7	91274650	91274750	1090-Lng-A-T	98	chr7:91274650-91274750
chr7	91276350	91276450	1274-Lng-A-T	78	chr7:91276350-91276450
chr7	91293050	91293150	1065-Lng-A-T	79	chr7:91293050-91293150
chr7	91427650	91427750	901-Lng-A-T	439	chr7:91427650-91427750
chr7	91692950	91693050	1072-Lng-A-T	119	chr7:91692950-91693050
chr7	91714350	91714450	1167-Lng-A-T	52	chr7:91714350-91714450
chr7	91768150	91768250	901-Lng-C-T	44	chr7:91768150-91768250
chr7	91792450	91792550	901-Lng-C-T	66	chr7:91792450-91792550
chr7	92287650	92287750	1065-Lng-B-T	58	chr7:92287650-92287750
chr7	92298950	92299050	1223-Lng-B-T	39	chr7:92298950-92299050
chr7	92737450	92737550	1090-Lng-A-T	111	chr7:92737450-92737550
chr7	92863050	92863150	901-Lng-B-T	120	chr7:92863050-92863150
chr7	93101350	93101450	1065-Lng-B-T	42	chr7:93101350-93101450
chr7	93128550	93128650	901-Lng-C-T	29	chr7:93128550-93128650
chr7	93378850	93378950	1274-Lng-A-T	87	chr7:93378850-93378950
chr7	93445650	93445750	846-Lng-A-T	90	chr7:93445650-93445750

Table S2: SB Insertion regions

chr7	93552850	93552950	1004-Lng-A-T	98	chr7:93552850-93552950
chr7	93610250	93610350	901-Lng-B-T	173	chr7:93610250-93610350
chr7	93783150	93783250	846-Lng-A-T	167	chr7:93783150-93783250
chr7	93809350	93809450	1072-Lng-A-T	256	chr7:93809350-93809450
chr7	93865450	93865550	1004-Lng-A-T	118	chr7:93865450-93865550
chr7	94015750	94015850	901-Lng-D-T	380	chr7:94015750-94015850
chr7	94045950	94046050	1152-Lng-A-T	151	chr7:94045950-94046050
chr7	94196050	94196150	1065-Lng-A-T	52	chr7:94196050-94196150
chr7	94317850	94317950	1065-Lng-B-T	71	chr7:94317850-94317950
chr7	94468550	94468650	1090-Lng-A-T	85	chr7:94468550-94468650
chr7	94648350	94648450	1072-Lng-A-T	86	chr7:94648350-94648450
chr7	94988750	94988850	901-Lng-B-T	281	chr7:94988750-94988850
chr7	95172750	95172850	1152-Lng-A-T	38	chr7:95172750-95172850
chr7	95216950	95217050	1167-Lng-A-T	94	chr7:95216950-95217050
chr7	95460350	95460450	1223-Lng-C-T	83	chr7:95460350-95460450
chr7	95471750	95471850	1223-Lng-C-T	71	chr7:95471750-95471850
chr7	95618050	95618150	1065-Lng-A-T	80	chr7:95618050-95618150
chr7	95631450	95631550	1004-Lng-A-T	127	chr7:95631450-95631550
chr7	95693050	95693150	1065-Lng-B-T	41	chr7:95693050-95693150
chr7	95698150	95698250	1090-Lng-A-T	74	chr7:95698150-95698250
chr7	95997050	95997150	901-Lng-B-T	208	chr7:95997050-95997150
chr7	96001150	96001250	1065-Lng-B-T	301	chr7:96001150-96001250
chr7	96081450	96081550	1274-Lng-A-T	59	chr7:96081450-96081550
chr7	96210850	96210950	1004-Lng-A-T	53	chr7:96210850-96210950
chr7	96280350	96280450	901-Lng-D-T	263	chr7:96280350-96280450
chr7	96301450	96301550	1152-Lng-A-T	58	chr7:96301450-96301550
chr7	96301750	96301850	1004-Lng-A-T	72	chr7:96301750-96301850
chr7	96313250	96313350	901-Lng-D-T	349	chr7:96313250-96313350
chr7	96322150	96322250	1065-Lng-A-T	34	chr7:96322150-96322250
chr7	96358650	96358750	1223-Lng-A-T	73	chr7:96358650-96358750
chr7	96411050	96411150	901-Lng-C-T	89	chr7:96411050-96411150
chr7	96455050	96455150	1065-Lng-A-T	103	chr7:96455050-96455150
chr7	96474350	96474450	1065-Lng-B-T	146	chr7:96474350-96474450
chr7	96541150	96541250	846-Lng-A-T	104	chr7:96541150-96541250
chr7	96583350	96583450	1072-Lng-A-T	166	chr7:96583350-96583450
chr7	96948750	96948850	901-Lng-B-T	291	chr7:96948750-96948850
chr7	96960450	96960550	1090-Lng-B-T	727	chr7:96960450-96960550
chr7	96964950	96965050	901-Lng-B-T	161	chr7:96964950-96965050
chr7	97021350	97021450	1223-Lng-A-T	54	chr7:97021350-97021450
chr7	97107550	97107650	1152-Lng-A-T	62	chr7:97107550-97107650
chr7	97109150	97109250	901-Lng-A-T	58	chr7:97109150-97109250
chr7	97172250	97172350	1100-Lng-A-T	363	chr7:97172250-97172350
chr7	97235650	97235750	1274-Lng-A-T	119	chr7:97235650-97235750
chr7	97326650	97326750	901-Lng-C-T	35	chr7:97326650-97326750
chr7	97330150	97330250	1065-Lng-C-T	2722	chr7:97330150-97330250
chr7	97341150	97341250	1188-Lng-A-T	105	chr7:97341150-97341250

Table S2: SB Insertion regions

chr7	97343550	97343650	1167-Lng-A-T	115	chr7:97343550-97343650
chr7	97430050	97430150	901-Lng-B-T	115	chr7:97430050-97430150
chr7	97479350	97479450	846-Lng-A-T	57	chr7:97479350-97479450
chr7	97496950	97497050	1004-Lng-A-T	59	chr7:97496950-97497050
chr7	97598150	97598250	1065-Lng-A-T	96	chr7:97598150-97598250
chr7	97618550	97618650	1065-Lng-A-T	46	chr7:97618550-97618650
chr7	97755650	97755750	846-Lng-A-T	498	chr7:97755650-97755750
chr7	98176550	98176650	1152-Lng-A-T	78	chr7:98176550-98176650
chr7	98373750	98373850	1004-Lng-A-T	766	chr7:98373750-98373850
chr7	98403450	98403550	1004-Lng-A-T	65	chr7:98403450-98403550
chr7	98435250	98435350	1065-Lng-B-T	44	chr7:98435250-98435350
chr7	98553450	98553550	901-Lng-C-T	51	chr7:98553450-98553550
chr7	98579950	98580050	1004-Lng-A-T	99	chr7:98579950-98580050
chr7	98589550	98589650	1188-Lng-A-T	43	chr7:98589550-98589650
chr7	98716850	98716950	901-Lng-A-T	65	chr7:98716850-98716950
chr7	99021350	99021450	1223-Lng-C-T	54	chr7:99021350-99021450
chr7	99187350	99187450	901-Lng-C-T	141	chr7:99187350-99187450
chr7	99245850	99245950	1223-Lng-D-T	56	chr7:99245850-99245950
chr7	99264450	99264550	1065-Lng-C-T	277	chr7:99264450-99264550
chr7	99279550	99279650	1100-Lng-A-T	92	chr7:99279550-99279650
chr7	99316950	99317050	1151-Lng-A-T	63	chr7:99316950-99317050
chr7	99538450	99538550	1274-Lng-A-T	53	chr7:99538450-99538550
chr7	99596950	99597050	1065-Lng-B-T	58	chr7:99596950-99597050
chr7	99673750	99673850	1072-Lng-A-T	69	chr7:99673750-99673850
chr7	99733650	99733750	1065-Lng-B-T	69	chr7:99733650-99733750
chr7	99800150	99800250	1072-Lng-A-T	52	chr7:99800150-99800250
chr7	99810050	99810150	1274-Lng-A-T	92	chr7:99810050-99810150
chr7	99812750	99812850	1223-Lng-A-T	69	chr7:99812750-99812850
chr7	99814150	99814250	1072-Lng-A-T	154	chr7:99814150-99814250
chr7	99879750	99879850	1223-Lng-B-T	50	chr7:99879750-99879850
chr7	99981050	99981150	1090-Lng-B-T	974	chr7:99981050-99981150
chr7	100000050	100000150	1090-Lng-A-T	50	chr7:100000050-100000150
chr7	100066450	100066550	1004-Lng-A-T	50	chr7:100066450-100066550
chr7	100641050	100641150	1223-Lng-C-T	50	chr7:100641050-100641150
chr7	100718150	100718250	1004-Lng-A-T	72	chr7:100718150-100718250
chr7	100741950	100742050	1223-Lng-A-T	1675	chr7:100741950-100742050
chr7	100890050	100890150	1065-Lng-C-T	66	chr7:100890050-100890150
chr7	101062950	101063050	1223-Lng-D-T	48	chr7:101062950-101063050
chr7	101188750	101188850	1223-Lng-D-T	51	chr7:101188750-101188850
chr7	101199850	101199950	1223-Lng-A-T	200	chr7:101199850-101199950
chr7	101236450	101236550	1072-Lng-A-T	109	chr7:101236450-101236550
chr7	101314850	101314950	1223-Lng-B-T	37	chr7:101314850-101314950
chr7	101395550	101395650	1065-Lng-A-T	69	chr7:101395550-101395650
chr7	101596850	101596950	1065-Lng-B-T	77	chr7:101596850-101596950
chr7	101762450	101762550	1152-Lng-A-T	76	chr7:101762450-101762550
chr7	101865950	101866050	1065-Lng-B-T	77	chr7:101865950-101866050

Table S2: SB Insertion regions

chr7	101875650	101875750	1151-Lng-A-T	113	chr7:101875650-101875750
chr7	101898150	101898250	1100-Lng-A-T	53	chr7:101898150-101898250
chr7	101955750	101955850	1004-Lng-A-T	310	chr7:101955750-101955850
chr7	101958450	101958550	901-Lng-B-T	203	chr7:101958450-101958550
chr7	101965750	101965850	1065-Lng-C-T	104	chr7:101965750-101965850
chr7	102018850	102018950	1004-Lng-A-T	88	chr7:102018850-102018950
chr7	102091650	102091750	1065-Lng-A-T	73	chr7:102091650-102091750
chr7	102148550	102148650	1004-Lng-A-T	69	chr7:102148550-102148650
chr7	102162450	102162550	1090-Lng-A-T	84	chr7:102162450-102162550
chr7	102343950	102344050	1152-Lng-A-T	40	chr7:102343950-102344050
chr7	102519150	102519250	1072-Lng-A-T	97	chr7:102519150-102519250
chr7	102568650	102568750	1274-Lng-A-T	65	chr7:102568650-102568750
chr7	102710850	102710950	1090-Lng-B-T	201	chr7:102710850-102710950
chr7	102881850	102881950	901-Lng-B-T	122	chr7:102881850-102881950
chr7	102883950	102884050	1223-Lng-A-T	82	chr7:102883950-102884050
chr7	102940150	102940250	1072-Lng-A-T	119	chr7:102940150-102940250
chr7	103009050	103009150	1090-Lng-A-T	70	chr7:103009050-103009150
chr7	103045350	103045450	1065-Lng-B-T	80	chr7:103045350-103045450
chr7	103058350	103058450	901-Lng-A-T	72	chr7:103058350-103058450
chr7	103558950	103559050	1004-Lng-A-T	73	chr7:103558950-103559050
chr7	103565050	103565150	901-Lng-D-T	494	chr7:103565050-103565150
chr7	103759950	103760050	1065-Lng-C-T	79	chr7:103759950-103760050
chr7	103972050	103972150	1152-Lng-A-T	96	chr7:103972050-103972150
chr7	104151050	104151150	901-Lng-D-T	472	chr7:104151050-104151150
chr7	104192650	104192750	1090-Lng-B-T	597	chr7:104192650-104192750
chr7	104213950	104214050	1274-Lng-A-T	164	chr7:104213950-104214050
chr7	104228450	104228550	1223-Lng-B-T	39	chr7:104228450-104228550
chr7	104247050	104247150	1004-Lng-A-T	98	chr7:104247050-104247150
chr7	104253050	104253150	1090-Lng-A-T	235	chr7:104253050-104253150
chr7	104287150	104287250	1100-Lng-A-T	77	chr7:104287150-104287250
chr7	104301350	104301450	901-Lng-B-T	111	chr7:104301350-104301450
chr7	104302950	104303050	1167-Lng-A-T	161	chr7:104302950-104303050
chr7	104306250	104306350	901-Lng-B-T	45	chr7:104306250-104306350
chr7	104312750	104312850	1151-Lng-A-T	56	chr7:104312750-104312850
chr7	104331150	104331250	901-Lng-B-T	65	chr7:104331150-104331250
chr7	104341850	104341950	1065-Lng-A-T	69	chr7:104341850-104341950
chr7	104371150	104371250	1223-Lng-C-T	46	chr7:104371150-104371250
chr7	104404350	104404450	1167-Lng-A-T	90	chr7:104404350-104404450
chr7	104433850	104433950	1004-Lng-A-T	49	chr7:104433850-104433950
chr7	104492450	104492550	1004-Lng-A-T	70	chr7:104492450-104492550
chr7	104568750	104568850	1274-Lng-A-T	86	chr7:104568750-104568850
chr7	104736150	104736250	1100-Lng-A-T	56	chr7:104736150-104736250
chr7	104736650	104736750	1167-Lng-A-T	52	chr7:104736650-104736750
chr7	104764550	104764650	1167-Lng-A-T	80	chr7:104764550-104764650
chr7	104784750	104784850	901-Lng-C-T	45	chr7:104784750-104784850
chr7	104825750	104825850	1223-Lng-D-T	208	chr7:104825750-104825850

Table S2: SB Insertion regions

chr7	104857150	104857250	901-Lng-A-T	420	chr7:104857150-104857250
chr7	104887350	104887450	1188-Lng-A-T	72	chr7:104887350-104887450
chr7	105004450	105004550	1065-Lng-B-T	88	chr7:105004450-105004550
chr7	105033050	105033150	1188-Lng-A-T	108	chr7:105033050-105033150
chr7	105036950	105037050	1188-Lng-A-T	262	chr7:105036950-105037050
chr7	105147550	105147650	1223-Lng-C-T	43	chr7:105147550-105147650
chr7	105285250	105285350	1100-Lng-A-T	63	chr7:105285250-105285350
chr7	105334250	105334350	1274-Lng-A-T	59	chr7:105334250-105334350
chr7	105361650	105361750	1065-Lng-B-T	477	chr7:105361650-105361750
chr7	105402550	105402650	1167-Lng-A-T	66	chr7:105402550-105402650
chr7	105412050	105412150	1100-Lng-A-T	143	chr7:105412050-105412150
chr7	105725550	105725650	1274-Lng-A-T	74	chr7:105725550-105725650
chr7	105737250	105737350	1100-Lng-A-T	66	chr7:105737250-105737350
chr7	105741250	105741350	1100-Lng-A-T	53	chr7:105741250-105741350
chr7	105780850	105780950	1274-Lng-A-T	260	chr7:105780850-105780950
chr7	105792050	105792150	901-Lng-C-T	55	chr7:105792050-105792150
chr7	105839350	105839450	1152-Lng-A-T	109	chr7:105839350-105839450
chr7	105870950	105871050	1274-Lng-A-T	128	chr7:105870950-105871050
chr7	106028350	106028450	1065-Lng-B-T	39	chr7:106028350-106028450
chr7	106088950	106089050	1004-Lng-A-T	307	chr7:106088950-106089050
chr7	106145250	106145350	1100-Lng-A-T	156	chr7:106145250-106145350
chr7	106150250	106150350	1100-Lng-A-T	631	chr7:106150250-106150350
chr7	106161250	106161350	1223-Lng-A-T	53	chr7:106161250-106161350
chr7	106217850	106217950	901-Lng-D-T	186	chr7:106217850-106217950
chr7	106232650	106232750	1274-Lng-A-T	60	chr7:106232650-106232750
chr7	106475250	106475350	901-Lng-A-T	159	chr7:106475250-106475350
chr7	106625450	106625550	1065-Lng-B-T	73	chr7:106625450-106625550
chr7	106628250	106628350	1223-Lng-A-T	69	chr7:106628250-106628350
chr7	106861350	106861450	1004-Lng-A-T	73	chr7:106861350-106861450
chr7	106866850	106866950	901-Lng-A-T	111	chr7:106866850-106866950
chr7	107038250	107038350	1274-Lng-A-T	151	chr7:107038250-107038350
chr7	107079850	107079950	1072-Lng-A-T	70	chr7:107079850-107079950
chr7	107224350	107224450	901-Lng-D-T	76	chr7:107224350-107224450
chr7	107509550	107509650	1100-Lng-A-T	120	chr7:107509550-107509650
chr7	107528750	107528850	1065-Lng-C-T	67	chr7:107528750-107528850
chr7	107764050	107764150	1152-Lng-A-T	71	chr7:107764050-107764150
chr7	107786550	107786650	846-Lng-A-T	112	chr7:107786550-107786650
chr7	107800850	107800950	1223-Lng-D-T	44	chr7:107800850-107800950
chr7	107858450	107858550	1223-Lng-B-T	95	chr7:107858450-107858550
chr7	107864550	107864650	901-Lng-A-T	84	chr7:107864550-107864650
chr7	107945050	107945150	1090-Lng-B-T	459	chr7:107945050-107945150
chr7	107956350	107956450	1151-Lng-A-T	279	chr7:107956350-107956450
chr7	107966550	107966650	1072-Lng-A-T	145	chr7:107966550-107966650
chr7	108071750	108071850	1188-Lng-A-T	102	chr7:108071750-108071850
chr7	108224250	108224350	1188-Lng-A-T	173	chr7:108224250-108224350
chr7	108271450	108271550	1274-Lng-A-T	52	chr7:108271450-108271550

Table S2: SB Insertion regions

chr7	108293450	108293550	1065-Lng-C-T	74	chr7:108293450-108293550
chr7	108411750	108411850	1223-Lng-C-T	83	chr7:108411750-108411850
chr7	108427150	108427250	1188-Lng-A-T	39	chr7:108427150-108427250
chr7	108444450	108444550	901-Lng-C-T	41	chr7:108444450-108444550
chr7	108466950	108467050	1274-Lng-A-T	74	chr7:108466950-108467050
chr7	108759450	108759550	1090-Lng-B-T	1061	chr7:108759450-108759550
chr7	108897750	108897850	1223-Lng-B-T	56	chr7:108897750-108897850
chr7	108903950	108904050	1223-Lng-B-T	445	chr7:108903950-108904050
chr7	108987850	108987950	1072-Lng-A-T	1220	chr7:108987850-108987950
chr7	109153050	109153150	1004-Lng-A-T	157	chr7:109153050-109153150
chr7	109190050	109190150	901-Lng-B-T	185	chr7:109190050-109190150
chr7	109275050	109275150	1004-Lng-A-T	103	chr7:109275050-109275150
chr7	109346950	109347050	901-Lng-B-T	332	chr7:109346950-109347050
chr7	109440950	109441050	1223-Lng-B-T	40	chr7:109440950-109441050
chr7	109466450	109466550	1223-Lng-C-T	56	chr7:109466450-109466550
chr7	109474650	109474750	1072-Lng-A-T	106	chr7:109474650-109474750
chr7	109537850	109537950	901-Lng-D-T	94	chr7:109537850-109537950
chr7	109686250	109686350	901-Lng-C-T	65	chr7:109686250-109686350
chr7	109741250	109741350	1065-Lng-B-T	73	chr7:109741250-109741350
chr7	109820250	109820350	901-Lng-C-T	127	chr7:109820250-109820350
chr7	109896150	109896250	1090-Lng-A-T	123	chr7:109896150-109896250
chr7	110049850	110049950	1072-Lng-A-T	203	chr7:110049850-110049950
chr7	110288550	110288650	1004-Lng-A-T	100	chr7:110288550-110288650
chr7	110415350	110415450	1065-Lng-A-T	84	chr7:110415350-110415450
chr7	110647350	110647450	901-Lng-B-T	255	chr7:110647350-110647450
chr7	110737850	110737950	1065-Lng-A-T	383	chr7:110737850-110737950
chr7	110819550	110819650	1223-Lng-A-T	85	chr7:110819550-110819650
chr7	110820750	110820850	901-Lng-A-T	102	chr7:110820750-110820850
chr7	110833150	110833250	1004-Lng-A-T	70	chr7:110833150-110833250
chr7	111122350	111122450	1090-Lng-B-T	385	chr7:111122350-111122450
chr7	111184450	111184550	1004-Lng-A-T	52	chr7:111184450-111184550
chr7	111237650	111237750	901-Lng-D-T	76	chr7:111237650-111237750
chr7	111288050	111288150	1072-Lng-A-T	49	chr7:111288050-111288150
chr7	111393550	111393650	1223-Lng-A-T	158	chr7:111393550-111393650
chr7	111735850	111735950	1152-Lng-A-T	137	chr7:111735850-111735950
chr7	111769350	111769450	1004-Lng-A-T	112	chr7:111769350-111769450
chr7	111774650	111774750	1090-Lng-B-T	703	chr7:111774650-111774750
chr7	111774650	111774750	1065-Lng-B-T	58	chr7:111774650-111774750
chr7	111825350	111825450	1072-Lng-A-T	124	chr7:111825350-111825450
chr7	112015550	112015650	1065-Lng-C-T	102	chr7:112015550-112015650
chr7	112316550	112316650	901-Lng-B-T	123	chr7:112316550-112316650
chr7	112368050	112368150	1274-Lng-A-T	86	chr7:112368050-112368150
chr7	112589150	112589250	1223-Lng-A-T	2219	chr7:112589150-112589250
chr7	112681650	112681750	1065-Lng-A-T	566	chr7:112681650-112681750
chr7	112683950	112684050	1004-Lng-A-T	59	chr7:112683950-112684050
chr7	112855450	112855550	1223-Lng-B-T	43	chr7:112855450-112855550

Table S2: SB Insertion regions

chr7	112957450	112957550	901-Lng-B-T	55	chr7:112957450-112957550
chr7	113392150	113392250	901-Lng-A-T	60	chr7:113392150-113392250
chr7	113406750	113406850	1004-Lng-A-T	53	chr7:113406750-113406850
chr7	114023450	114023550	1065-Lng-A-T	61	chr7:114023450-114023550
chr7	114415650	114415750	1090-Lng-A-T	176	chr7:114415650-114415750
chr7	114453350	114453450	901-Lng-A-T	193	chr7:114453350-114453450
chr7	114483450	114483550	1152-Lng-A-T	83	chr7:114483450-114483550
chr7	114532250	114532350	1065-Lng-A-T	50	chr7:114532250-114532350
chr7	114659950	114660050	1004-Lng-A-T	60	chr7:114659950-114660050
chr7	114670950	114671050	1065-Lng-C-T	793	chr7:114670950-114671050
chr7	114748850	114748950	1274-Lng-A-T	158	chr7:114748850-114748950
chr7	114766450	114766550	901-Lng-A-T	218	chr7:114766450-114766550
chr7	114831850	114831950	1223-Lng-A-T	462	chr7:114831850-114831950
chr7	114971250	114971350	1223-Lng-B-T	38	chr7:114971250-114971350
chr7	115266250	115266350	1065-Lng-A-T	61	chr7:115266250-115266350
chr7	115299450	115299550	846-Lng-A-T	43	chr7:115299450-115299550
chr7	115356850	115356950	1072-Lng-A-T	50	chr7:115356850-115356950
chr7	115388250	115388350	1151-Lng-A-T	83	chr7:115388250-115388350
chr7	115444250	115444350	1152-Lng-A-T	40	chr7:115444250-115444350
chr7	115892550	115892650	901-Lng-A-T	299	chr7:115892550-115892650
chr7	116084550	116084650	1090-Lng-A-T	77	chr7:116084550-116084650
chr7	116089450	116089550	1167-Lng-A-T	47	chr7:116089450-116089550
chr7	116197050	116197150	901-Lng-D-T	39	chr7:116197050-116197150
chr7	116420050	116420150	1072-Lng-A-T	86	chr7:116420050-116420150
chr7	116534150	116534250	1004-Lng-A-T	78	chr7:116534150-116534250
chr7	116724650	116724750	1274-Lng-A-T	167	chr7:116724650-116724750
chr7	116735050	116735150	901-Lng-C-T	80	chr7:116735050-116735150
chr7	116740950	116741050	1223-Lng-C-T	45	chr7:116740950-116741050
chr7	116786650	116786750	901-Lng-C-T	174	chr7:116786650-116786750
chr7	117055250	117055350	1151-Lng-A-T	70	chr7:117055250-117055350
chr7	117083450	117083550	1004-Lng-A-T	83	chr7:117083450-117083550
chr7	117140650	117140750	1274-Lng-A-T	56	chr7:117140650-117140750
chr7	117184950	117185050	1090-Lng-A-T	77	chr7:117184950-117185050
chr7	117250950	117251050	1223-Lng-A-T	1001	chr7:117250950-117251050
chr7	117460250	117460350	1223-Lng-C-T	46	chr7:117460250-117460350
chr7	117664250	117664350	1188-Lng-A-T	73	chr7:117664250-117664350
chr7	117666250	117666350	901-Lng-A-T	72	chr7:117666250-117666350
chr7	117740150	117740250	1188-Lng-A-T	48	chr7:117740150-117740250
chr7	117861350	117861450	1090-Lng-A-T	67	chr7:117861350-117861450
chr7	118185750	118185850	1100-Lng-A-T	71	chr7:118185750-118185850
chr7	118222650	118222750	1223-Lng-A-T	57	chr7:118222650-118222750
chr7	118304850	118304950	1065-Lng-B-T	44	chr7:118304850-118304950
chr7	118581850	118581950	1274-Lng-A-T	61	chr7:118581850-118581950
chr7	118782050	118782150	1223-Lng-D-T	61	chr7:118782050-118782150
chr7	118806150	118806250	901-Lng-B-T	77	chr7:118806150-118806250
chr7	118827150	118827250	1152-Lng-A-T	59	chr7:118827150-118827250

Table S2: SB Insertion regions

chr7	118862750	118862850	1274-Lng-A-T	92	chr7:118862750-118862850
chr7	118938850	118938950	901-Lng-D-T	215	chr7:118938850-118938950
chr7	118938950	118939050	1065-Lng-A-T	42	chr7:118938950-118939050
chr7	119118150	119118250	1152-Lng-A-T	53	chr7:119118150-119118250
chr7	119189350	119189450	1100-Lng-A-T	106	chr7:119189350-119189450
chr7	119204850	119204950	846-Lng-A-T	216	chr7:119204850-119204950
chr7	119212550	119212650	1004-Lng-A-T	97	chr7:119212550-119212650
chr7	119239050	119239150	1223-Lng-B-T	72	chr7:119239050-119239150
chr7	119408450	119408550	1223-Lng-D-T	51	chr7:119408450-119408550
chr7	119544450	119544550	1223-Lng-C-T	54	chr7:119544450-119544550
chr7	119875850	119875950	901-Lng-D-T	127	chr7:119875850-119875950
chr7	119879850	119879950	901-Lng-C-T	125	chr7:119879850-119879950
chr7	119958150	119958250	1223-Lng-C-T	353	chr7:119958150-119958250
chr7	120031750	120031850	1223-Lng-A-T	60	chr7:120031750-120031850
chr7	120201350	120201450	1274-Lng-A-T	53	chr7:120201350-120201450
chr7	120211550	120211650	901-Lng-D-T	303	chr7:120211550-120211650
chr7	120340250	120340350	1274-Lng-A-T	53	chr7:120340250-120340350
chr7	120366750	120366850	1274-Lng-A-T	67	chr7:120366750-120366850
chr7	120380350	120380450	1090-Lng-A-T	45	chr7:120380350-120380450
chr7	120435350	120435450	901-Lng-C-T	32	chr7:120435350-120435450
chr7	120452250	120452350	1274-Lng-A-T	60	chr7:120452250-120452350
chr7	120509350	120509450	1167-Lng-A-T	49	chr7:120509350-120509450
chr7	121105650	121105750	1274-Lng-A-T	92	chr7:121105650-121105750
chr7	121221450	121221550	1223-Lng-A-T	262	chr7:121221450-121221550
chr7	121332650	121332750	1223-Lng-A-T	53	chr7:121332650-121332750
chr7	121625950	121626050	1223-Lng-C-T	55	chr7:121625950-121626050
chr7	121816450	121816550	1072-Lng-A-T	138	chr7:121816450-121816550
chr7	121819550	121819650	1090-Lng-A-T	74	chr7:121819550-121819650
chr7	122098250	122098350	846-Lng-A-T	147	chr7:122098250-122098350
chr7	122194150	122194250	1167-Lng-A-T	96	chr7:122194150-122194250
chr7	122460350	122460450	1100-Lng-A-T	86	chr7:122460350-122460450
chr7	122542450	122542550	1004-Lng-A-T	52	chr7:122542450-122542550
chr7	122546550	122546650	901-Lng-A-T	58	chr7:122546550-122546650
chr7	122615350	122615450	1065-Lng-B-T	63	chr7:122615350-122615450
chr7	122815150	122815250	1072-Lng-A-T	79	chr7:122815150-122815250
chr7	122864850	122864950	1274-Lng-A-T	49	chr7:122864850-122864950
chr7	123242050	123242150	901-Lng-D-T	100	chr7:123242050-123242150
chr7	123284250	123284350	1072-Lng-A-T	62	chr7:123284250-123284350
chr7	123509350	123509450	1090-Lng-A-T	82	chr7:123509350-123509450
chr7	123510050	123510150	1274-Lng-A-T	5939	chr7:123510050-123510150
chr7	123538450	123538550	1274-Lng-A-T	60	chr7:123538450-123538550
chr7	123555950	123556050	1065-Lng-A-T	86	chr7:123555950-123556050
chr7	123652150	123652250	1100-Lng-A-T	72	chr7:123652150-123652250
chr7	123988350	123988450	1152-Lng-A-T	102	chr7:123988350-123988450
chr7	124349050	124349150	1223-Lng-C-T	57	chr7:124349050-124349150
chr7	124474650	124474750	1152-Lng-A-T	91	chr7:124474650-124474750

Table S2: SB Insertion regions

chr7	124529650	124529750	1065-Lng-C-T	111	chr7:124529650-124529750
chr7	124577750	124577850	1274-Lng-A-T	60	chr7:124577750-124577850
chr7	124716050	124716150	1090-Lng-A-T	317	chr7:124716050-124716150
chr7	124774450	124774550	1223-Lng-B-T	38	chr7:124774450-124774550
chr7	125039450	125039550	1072-Lng-A-T	142	chr7:125039450-125039550
chr7	125058150	125058250	1072-Lng-A-T	69	chr7:125058150-125058250
chr7	125127350	125127450	1090-Lng-A-T	70	chr7:125127350-125127450
chr7	125250350	125250450	1065-Lng-B-T	54	chr7:125250350-125250450
chr7	125274450	125274550	1274-Lng-A-T	83	chr7:125274450-125274550
chr7	125286250	125286350	1065-Lng-A-T	94	chr7:125286250-125286350
chr7	125306450	125306550	1274-Lng-A-T	65	chr7:125306450-125306550
chr7	125309150	125309250	1223-Lng-B-T	306	chr7:125309150-125309250
chr7	125322950	125323050	1188-Lng-A-T	144	chr7:125322950-125323050
chr7	125341850	125341950	1072-Lng-A-T	110	chr7:125341850-125341950
chr7	125344450	125344550	1065-Lng-B-T	62	chr7:125344450-125344550
chr7	125365650	125365750	1004-Lng-A-T	71	chr7:125365650-125365750
chr7	125666950	125667050	1274-Lng-A-T	91	chr7:125666950-125667050
chr7	125774850	125774950	1151-Lng-A-T	85	chr7:125774850-125774950
chr7	125780750	125780850	1223-Lng-A-T	74	chr7:125780750-125780850
chr7	125828550	125828650	1223-Lng-B-T	113	chr7:125828550-125828650
chr7	125879750	125879850	1004-Lng-A-T	177	chr7:125879750-125879850
chr7	126288250	126288350	1004-Lng-A-T	59	chr7:126288250-126288350
chr7	126490950	126491050	846-Lng-A-T	42	chr7:126490950-126491050
chr7	126549150	126549250	1167-Lng-A-T	94	chr7:126549150-126549250
chr7	126550950	126551050	1004-Lng-A-T	50	chr7:126550950-126551050
chr7	126637250	126637350	1004-Lng-A-T	99	chr7:126637250-126637350
chr7	126660550	126660650	1065-Lng-B-T	44	chr7:126660550-126660650
chr7	126762850	126762950	1188-Lng-A-T	65	chr7:126762850-126762950
chr7	126871750	126871850	846-Lng-A-T	88	chr7:126871750-126871850
chr7	126921650	126921750	1004-Lng-A-T	90	chr7:126921650-126921750
chr7	126996950	126997050	1223-Lng-A-T	80	chr7:126996950-126997050
chr7	127010350	127010450	1065-Lng-B-T	60	chr7:127010350-127010450
chr7	127010550	127010650	901-Lng-C-T	147	chr7:127010550-127010650
chr7	127046350	127046450	1223-Lng-A-T	142	chr7:127046350-127046450
chr7	127260050	127260150	1223-Lng-A-T	233	chr7:127260050-127260150
chr7	127315450	127315550	901-Lng-A-T	67	chr7:127315450-127315550
chr7	127388850	127388950	1072-Lng-A-T	104	chr7:127388850-127388950
chr7	127495150	127495250	1065-Lng-C-T	100	chr7:127495150-127495250
chr7	127763450	127763550	901-Lng-C-T	92	chr7:127763450-127763550
chr7	127779150	127779250	901-Lng-A-T	62	chr7:127779150-127779250
chr7	127779950	127780050	1072-Lng-A-T	70	chr7:127779950-127780050
chr7	127827850	127827950	1100-Lng-A-T	94	chr7:127827850-127827950
chr7	127861850	127861950	1188-Lng-A-T	126	chr7:127861850-127861950
chr7	127985150	127985250	846-Lng-A-T	134	chr7:127985150-127985250
chr7	128098050	128098150	1100-Lng-A-T	61	chr7:128098050-128098150
chr7	128276450	128276550	1065-Lng-B-T	54	chr7:128276450-128276550

Table S2: SB Insertion regions

chr7	128317850	128317950	1223-Lng-B-T	54	chr7:128317850-128317950
chr7	128501750	128501850	1065-Lng-C-T	65	chr7:128501750-128501850
chr7	128533350	128533450	1151-Lng-A-T	68	chr7:128533350-128533450
chr7	128619750	128619850	1004-Lng-A-T	99	chr7:128619750-128619850
chr7	128703250	128703350	1188-Lng-A-T	113	chr7:128703250-128703350
chr7	128737350	128737450	1152-Lng-A-T	68	chr7:128737350-128737450
chr7	128974150	128974250	901-Lng-A-T	269	chr7:128974150-128974250
chr7	129091550	129091650	1188-Lng-A-T	36	chr7:129091550-129091650
chr7	129144850	129144950	1223-Lng-C-T	46	chr7:129144850-129144950
chr7	129179550	129179650	901-Lng-A-T	50	chr7:129179550-129179650
chr7	129615350	129615450	1065-Lng-B-T	83	chr7:129615350-129615450
chr7	130116450	130116550	1188-Lng-A-T	59	chr7:130116450-130116550
chr7	130126950	130127050	1100-Lng-A-T	65	chr7:130126950-130127050
chr7	130139950	130140050	1152-Lng-A-T	201	chr7:130139950-130140050
chr7	130140950	130141050	1152-Lng-A-T	92	chr7:130140950-130141050
chr7	130169750	130169850	1188-Lng-A-T	1155	chr7:130169750-130169850
chr7	130229350	130229450	1065-Lng-A-T	81	chr7:130229350-130229450
chr7	130277150	130277250	1274-Lng-A-T	177	chr7:130277150-130277250
chr7	130292250	130292350	901-Lng-A-T	126	chr7:130292250-130292350
chr7	130301250	130301350	901-Lng-A-T	58	chr7:130301250-130301350
chr7	130304350	130304450	1004-Lng-A-T	105	chr7:130304350-130304450
chr7	130306950	130307050	1223-Lng-D-T	59	chr7:130306950-130307050
chr7	130326650	130326750	1151-Lng-A-T	460	chr7:130326650-130326750
chr7	130491250	130491350	1100-Lng-A-T	100	chr7:130491250-130491350
chr7	130626550	130626650	901-Lng-C-T	210	chr7:130626550-130626650
chr7	130861850	130861950	901-Lng-D-T	360	chr7:130861850-130861950
chr7	131013250	131013350	1223-Lng-C-T	51	chr7:131013250-131013350
chr7	131112650	131112750	846-Lng-A-T	86	chr7:131112650-131112750
chr7	131442850	131442950	901-Lng-C-T	47	chr7:131442850-131442950
chr7	131514550	131514650	901-Lng-A-T	111	chr7:131514550-131514650
chr7	131518550	131518650	1274-Lng-A-T	57	chr7:131518550-131518650
chr7	131575550	131575650	1004-Lng-A-T	50	chr7:131575550-131575650
chr7	131657450	131657550	1004-Lng-A-T	59	chr7:131657450-131657550
chr7	131754150	131754250	1152-Lng-A-T	42	chr7:131754150-131754250
chr7	131829750	131829850	901-Lng-B-T	36	chr7:131829750-131829850
chr7	132008050	132008150	1152-Lng-A-T	209	chr7:132008050-132008150
chr7	132068950	132069050	901-Lng-C-T	101	chr7:132068950-132069050
chr7	132141950	132142050	1065-Lng-C-T	63	chr7:132141950-132142050
chr7	132792450	132792550	1072-Lng-A-T	98	chr7:132792450-132792550
chr7	132835950	132836050	901-Lng-C-T	64	chr7:132835950-132836050
chr7	132874450	132874550	901-Lng-C-T	77	chr7:132874450-132874550
chr7	132878650	132878750	1223-Lng-B-T	39	chr7:132878650-132878750
chr7	132900650	132900750	1090-Lng-A-T	94	chr7:132900650-132900750
chr7	132901150	132901250	1223-Lng-B-T	50	chr7:132901150-132901250
chr7	132901850	132901950	1151-Lng-A-T	256	chr7:132901850-132901950
chr7	132912550	132912650	1065-Lng-C-T	85	chr7:132912550-132912650

Table S2: SB Insertion regions

chr7	132945950	132946050	1090-Lng-A-T	46	chr7:132945950-132946050
chr7	133181050	133181150	1065-Lng-C-T	366	chr7:133181050-133181150
chr7	133258050	133258150	1167-Lng-A-T	149	chr7:133258050-133258150
chr7	133261150	133261250	1223-Lng-B-T	187	chr7:133261150-133261250
chr7	133311750	133311850	1090-Lng-A-T	710	chr7:133311750-133311850
chr7	133314950	133315050	1072-Lng-A-T	128	chr7:133314950-133315050
chr7	133333050	133333150	1090-Lng-B-T	647	chr7:133333050-133333150
chr7	133444350	133444450	1072-Lng-A-T	80	chr7:133444350-133444450
chr7	133542650	133542750	1100-Lng-A-T	71	chr7:133542650-133542750
chr7	133825150	133825250	1152-Lng-A-T	109	chr7:133825150-133825250
chr7	133889150	133889250	901-Lng-D-T	145	chr7:133889150-133889250
chr7	134079850	134079950	1151-Lng-A-T	83	chr7:134079850-134079950
chr7	134167950	134168050	901-Lng-D-T	273	chr7:134167950-134168050
chr7	134174750	134174850	1151-Lng-A-T	670	chr7:134174750-134174850
chr7	134349650	134349750	1090-Lng-B-T	156	chr7:134349650-134349750
chr7	134389150	134389250	1090-Lng-A-T	58	chr7:134389150-134389250
chr7	134408250	134408350	1072-Lng-A-T	142	chr7:134408250-134408350
chr7	134426150	134426250	901-Lng-D-T	93	chr7:134426150-134426250
chr7	134495250	134495350	1167-Lng-A-T	70	chr7:134495250-134495350
chr7	134626150	134626250	1274-Lng-A-T	93	chr7:134626150-134626250
chr7	134682450	134682550	1004-Lng-A-T	65	chr7:134682450-134682550
chr7	134896250	134896350	1065-Lng-C-T	70	chr7:134896250-134896350
chr7	134928050	134928150	1167-Lng-A-T	5131	chr7:134928050-134928150
chr7	135004650	135004750	1090-Lng-A-T	83	chr7:135004650-135004750
chr7	135128150	135128250	1100-Lng-A-T	76	chr7:135128150-135128250
chr7	135394050	135394150	1100-Lng-A-T	117	chr7:135394050-135394150
chr7	135575550	135575650	1100-Lng-A-T	852	chr7:135575550-135575650
chr7	135597950	135598050	1152-Lng-A-T	68	chr7:135597950-135598050
chr7	135600350	135600450	1090-Lng-A-T	61	chr7:135600350-135600450
chr7	135697050	135697150	901-Lng-C-T	47	chr7:135697050-135697150
chr7	135815550	135815650	901-Lng-A-T	105	chr7:135815550-135815650
chr7	135849850	135849950	1004-Lng-A-T	98	chr7:135849850-135849950
chr7	135857050	135857150	1004-Lng-A-T	51	chr7:135857050-135857150
chr7	135899050	135899150	1152-Lng-A-T	64	chr7:135899050-135899150
chr7	135923750	135923850	1188-Lng-A-T	67	chr7:135923750-135923850
chr7	135973650	135973750	901-Lng-C-T	39	chr7:135973650-135973750
chr7	136038350	136038450	901-Lng-C-T	45	chr7:136038350-136038450
chr7	136349050	136349150	901-Lng-A-T	97	chr7:136349050-136349150
chr7	136750750	136750850	1223-Lng-C-T	395	chr7:136750750-136750850
chr7	136771150	136771250	1223-Lng-C-T	44	chr7:136771150-136771250
chr7	136780750	136780850	1274-Lng-A-T	49	chr7:136780750-136780850
chr7	136906450	136906550	1188-Lng-A-T	210	chr7:136906450-136906550
chr7	136968750	136968850	901-Lng-C-T	31	chr7:136968750-136968850
chr7	137301150	137301250	1223-Lng-C-T	68	chr7:137301150-137301250
chr7	137344950	137345050	1065-Lng-B-T	41	chr7:137344950-137345050
chr7	137404950	137405050	1090-Lng-B-T	302	chr7:137404950-137405050

Table S2: SB Insertion regions

chr7	137596750	137596850	1072-Lng-A-T	51	chr7:137596750-137596850
chr7	137599650	137599750	846-Lng-A-T	69	chr7:137599650-137599750
chr7	137627050	137627150	846-Lng-A-T	107	chr7:137627050-137627150
chr7	137660050	137660150	901-Lng-C-T	29	chr7:137660050-137660150
chr7	137660750	137660850	1223-Lng-C-T	147	chr7:137660750-137660850
chr7	137709650	137709750	1274-Lng-A-T	166	chr7:137709650-137709750
chr7	137743550	137743650	1100-Lng-A-T	237	chr7:137743550-137743650
chr7	137816250	137816350	1100-Lng-A-T	76	chr7:137816250-137816350
chr7	137853750	137853850	1274-Lng-A-T	192	chr7:137853750-137853850
chr7	137865050	137865150	846-Lng-A-T	95	chr7:137865050-137865150
chr7	137880450	137880550	1274-Lng-A-T	104	chr7:137880450-137880550
chr7	137888350	137888450	1072-Lng-A-T	166	chr7:137888350-137888450
chr7	137896250	137896350	1004-Lng-A-T	97	chr7:137896250-137896350
chr7	138029250	138029350	1167-Lng-A-T	64	chr7:138029250-138029350
chr7	138033350	138033450	1100-Lng-B-T	60	chr7:138033350-138033450
chr7	138050350	138050450	846-Lng-A-T	147	chr7:138050350-138050450
chr7	138104750	138104850	1072-Lng-A-T	79	chr7:138104750-138104850
chr7	138455750	138455850	1274-Lng-A-T	55	chr7:138455750-138455850
chr7	138491450	138491550	1152-Lng-A-T	105	chr7:138491450-138491550
chr7	138502750	138502850	1004-Lng-A-T	51	chr7:138502750-138502850
chr7	138542150	138542250	901-Lng-A-T	110	chr7:138542150-138542250
chr7	138600950	138601050	1090-Lng-A-T	83	chr7:138600950-138601050
chr7	139256850	139256950	1072-Lng-A-T	137	chr7:139256850-139256950
chr7	139349150	139349250	901-Lng-C-T	212	chr7:139349150-139349250
chr7	139524150	139524250	1223-Lng-B-T	37	chr7:139524150-139524250
chr7	139611250	139611350	1100-Lng-A-T	109	chr7:139611250-139611350
chr7	139630650	139630750	846-Lng-A-T	100	chr7:139630650-139630750
chr7	139697550	139697650	1090-Lng-A-T	87	chr7:139697550-139697650
chr7	139746250	139746350	1152-Lng-A-T	69	chr7:139746250-139746350
chr7	140044850	140044950	1151-Lng-A-T	292	chr7:140044850-140044950
chr7	140133650	140133750	1100-Lng-A-T	79	chr7:140133650-140133750
chr7	140134450	140134550	1072-Lng-A-T	118	chr7:140134450-140134550
chr7	140166650	140166750	1167-Lng-A-T	59	chr7:140166650-140166750
chr7	140181550	140181650	1065-Lng-B-T	55	chr7:140181550-140181650
chr7	140618650	140618750	901-Lng-A-T	136	chr7:140618650-140618750
chr7	140655050	140655150	1188-Lng-A-T	34	chr7:140655050-140655150
chr7	140961650	140961750	1152-Lng-A-T	43	chr7:140961650-140961750
chr7	140966350	140966450	1223-Lng-A-T	107	chr7:140966350-140966450
chr7	140992950	140993050	901-Lng-C-T	51	chr7:140992950-140993050
chr7	141063950	141064050	1004-Lng-A-T	88	chr7:141063950-141064050
chr7	141478350	141478450	1065-Lng-B-T	380	chr7:141478350-141478450
chr7	141506850	141506950	1223-Lng-D-T	60	chr7:141506850-141506950
chr7	141771150	141771250	901-Lng-C-T	45	chr7:141771150-141771250
chr7	141927950	141928050	1004-Lng-A-T	92	chr7:141927950-141928050
chr7	141999650	141999750	1274-Lng-A-T	63	chr7:141999650-141999750
chr7	142012350	142012450	1152-Lng-A-T	33	chr7:142012350-142012450

Table S2: SB Insertion regions

chr7	142021450	142021550	1072-Lng-A-T	71	chr7:142021450-142021550
chr7	142068950	142069050	1223-Lng-B-T	34	chr7:142068950-142069050
chr7	142202950	142203050	1151-Lng-A-T	209	chr7:142202950-142203050
chr7	142212750	142212850	1100-Lng-A-T	82	chr7:142212750-142212850
chr7	142215550	142215650	1065-Lng-A-T	92	chr7:142215550-142215650
chr7	142243550	142243650	1100-Lng-A-T	62	chr7:142243550-142243650
chr7	142275150	142275250	1065-Lng-A-T	39	chr7:142275150-142275250
chr7	142283750	142283850	1065-Lng-C-T	65	chr7:142283750-142283850
chr7	142298750	142298850	901-Lng-C-T	55	chr7:142298750-142298850
chr7	142306350	142306450	901-Lng-C-T	214	chr7:142306350-142306450
chr7	142356550	142356650	1223-Lng-B-T	79	chr7:142356550-142356650
chr7	142365650	142365750	1188-Lng-A-T	68	chr7:142365650-142365750
chr7	142370550	142370650	1167-Lng-A-T	59	chr7:142370550-142370650
chr7	142371150	142371250	901-Lng-A-T	121	chr7:142371150-142371250
chr7	143165950	143166050	1004-Lng-A-T	62	chr7:143165950-143166050
chr7	143405050	143405150	901-Lng-D-T	561	chr7:143405050-143405150
chr7	143510550	143510650	901-Lng-D-T	42	chr7:143510550-143510650
chr7	144522450	144522550	1004-Lng-A-T	78	chr7:144522450-144522550
chr7	144639250	144639350	1065-Lng-B-T	107	chr7:144639250-144639350
chr7	144823850	144823950	1065-Lng-B-T	74	chr7:144823850-144823950
chr7	145080750	145080850	1167-Lng-A-T	99	chr7:145080750-145080850
chr7	145368250	145368350	1274-Lng-A-T	90	chr7:145368250-145368350
chr7	145498350	145498450	1152-Lng-A-T	196	chr7:145498350-145498450
chr7	145567050	145567150	1100-Lng-A-T	69	chr7:145567050-145567150
chr7	145569850	145569950	1100-Lng-A-T	156	chr7:145569850-145569950
chr7	145820250	145820350	1004-Lng-A-T	71	chr7:145820250-145820350
chr7	146053750	146053850	1188-Lng-A-T	38	chr7:146053750-146053850
chr7	146080450	146080550	1090-Lng-B-T	397	chr7:146080450-146080550
chr7	146112150	146112250	1004-Lng-A-T	68	chr7:146112150-146112250
chr7	146149050	146149150	1004-Lng-A-T	56	chr7:146149050-146149150
chr7	146332750	146332850	846-Lng-A-T	84	chr7:146332750-146332850
chr7	146659750	146659850	1223-Lng-B-T	344	chr7:146659750-146659850
chr7	147190050	147190150	1223-Lng-D-T	43	chr7:147190050-147190150
chr7	147501350	147501450	1004-Lng-A-T	68	chr7:147501350-147501450
chr7	147669750	147669850	1065-Lng-B-T	48	chr7:147669750-147669850
chr7	147684650	147684750	901-Lng-A-T	58	chr7:147684650-147684750
chr7	148350950	148351050	1274-Lng-A-T	49	chr7:148350950-148351050
chr7	148381750	148381850	1100-Lng-A-T	78	chr7:148381750-148381850
chr7	148430750	148430850	1152-Lng-A-T	105	chr7:148430750-148430850
chr7	148432150	148432250	901-Lng-B-T	36	chr7:148432150-148432250
chr7	148451550	148451650	1223-Lng-D-T	209	chr7:148451550-148451650
chr7	148504950	148505050	1167-Lng-A-T	93	chr7:148504950-148505050
chr7	148508850	148508950	1065-Lng-A-T	52	chr7:148508850-148508950
chr7	148621950	148622050	1090-Lng-A-T	46	chr7:148621950-148622050
chr7	148767450	148767550	1090-Lng-A-T	46	chr7:148767450-148767550
chr7	148772550	148772650	1090-Lng-A-T	64	chr7:148772550-148772650

Table S2: SB Insertion regions

chr7	148794250	148794350	1167-Lng-A-T	110	chr7:148794250-148794350
chr7	149052850	149052950	1072-Lng-A-T	143	chr7:149052850-149052950
chr7	149071050	149071150	1065-Lng-C-T	75	chr7:149071050-149071150
chr7	149180050	149180150	901-Lng-B-T	75	chr7:149180050-149180150
chr7	149441550	149441650	1065-Lng-A-T	42	chr7:149441550-149441650
chr7	149583050	149583150	1274-Lng-A-T	180	chr7:149583050-149583150
chr7	150303950	150304050	1100-Lng-A-T	141	chr7:150303950-150304050
chr7	150349250	150349350	1274-Lng-A-T	59	chr7:150349250-150349350
chr7	150378550	150378650	1004-Lng-A-T	58	chr7:150378550-150378650
chr7	150391150	150391250	901-Lng-D-T	88	chr7:150391150-150391250
chr7	150432950	150433050	1065-Lng-A-T	79	chr7:150432950-150433050
chr7	150461850	150461950	1223-Lng-C-T	44	chr7:150461850-150461950
chr7	150510450	150510550	1151-Lng-A-T	56	chr7:150510450-150510550
chr7	150520150	150520250	846-Lng-A-T	621	chr7:150520150-150520250
chr7	150591150	150591250	1072-Lng-A-T	49	chr7:150591150-150591250
chr7	150674950	150675050	1065-Lng-B-T	99	chr7:150674950-150675050
chr7	150717050	150717150	1072-Lng-A-T	187	chr7:150717050-150717150
chr7	150766150	150766250	1274-Lng-A-T	50	chr7:150766150-150766250
chr7	150773450	150773550	901-Lng-D-T	88	chr7:150773450-150773550
chr7	150870650	150870750	1274-Lng-A-T	187	chr7:150870650-150870750
chr7	151244050	151244150	1223-Lng-C-T	44	chr7:151244050-151244150
chr7	151275850	151275950	1100-Lng-A-T	76	chr7:151275850-151275950
chr7	151284050	151284150	1065-Lng-B-T	39	chr7:151284050-151284150
chr7	151773350	151773450	1090-Lng-A-T	44	chr7:151773350-151773450
chr7	151938650	151938750	1152-Lng-A-T	51	chr7:151938650-151938750
chr7	152103250	152103350	1223-Lng-B-T	89	chr7:152103250-152103350
chr7	152159950	152160050	1090-Lng-A-T	61	chr7:152159950-152160050
chr7	152172150	152172250	901-Lng-D-T	117	chr7:152172150-152172250
chr7	152244150	152244250	901-Lng-C-T	74	chr7:152244150-152244250
chr8	3161150	3161250	1223-Lng-A-T	98	chr8:3161150-3161250
chr8	3177250	3177350	901-Lng-B-T	64	chr8:3177250-3177350
chr8	3208450	3208550	901-Lng-B-T	45	chr8:3208450-3208550
chr8	3246750	3246850	901-Lng-A-T	339	chr8:3246750-3246850
chr8	3413450	3413550	1152-Lng-A-T	36	chr8:3413450-3413550
chr8	3419050	3419150	1274-Lng-A-T	82	chr8:3419050-3419150
chr8	3454850	3454950	1100-Lng-A-T	84	chr8:3454850-3454950
chr8	3822550	3822650	1065-Lng-C-T	93	chr8:3822550-3822650
chr8	3880950	3881050	1274-Lng-A-T	172	chr8:3880950-3881050
chr8	3922850	3922950	1223-Lng-A-T	2978	chr8:3922850-3922950
chr8	4003550	4003650	1004-Lng-A-T	49	chr8:4003550-4003650
chr8	4163950	4164050	901-Lng-B-T	45	chr8:4163950-4164050
chr8	4242050	4242150	901-Lng-B-T	146	chr8:4242050-4242150
chr8	4280950	4281050	1100-Lng-A-T	60	chr8:4280950-4281050
chr8	4294250	4294350	1100-Lng-A-T	90	chr8:4294250-4294350
chr8	4294450	4294550	1004-Lng-A-T	73	chr8:4294450-4294550
chr8	4302650	4302750	901-Lng-A-T	167	chr8:4302650-4302750

Table S2: SB Insertion regions

chr8	4626050	4626150	1152-Lng-A-T	97	chr8:4626050-4626150
chr8	4630250	4630350	1223-Lng-A-T	187	chr8:4630250-4630350
chr8	4634850	4634950	901-Lng-B-T	222	chr8:4634850-4634950
chr8	4782450	4782550	1188-Lng-A-T	37	chr8:4782450-4782550
chr8	4866250	4866350	1004-Lng-A-T	115	chr8:4866250-4866350
chr8	5031850	5031950	901-Lng-A-T	62	chr8:5031850-5031950
chr8	5067650	5067750	1100-Lng-A-T	65	chr8:5067650-5067750
chr8	5171950	5172050	1065-Lng-A-T	87	chr8:5171950-5172050
chr8	5337450	5337550	1090-Lng-B-T	476	chr8:5337450-5337550
chr8	5391550	5391650	1004-Lng-A-T	88	chr8:5391550-5391650
chr8	5479650	5479750	1167-Lng-A-T	114	chr8:5479650-5479750
chr8	5554150	5554250	1223-Lng-B-T	227	chr8:5554150-5554250
chr8	5594150	5594250	1167-Lng-A-T	49	chr8:5594150-5594250
chr8	5986550	5986650	901-Lng-D-T	251	chr8:5986550-5986650
chr8	6082150	6082250	1100-Lng-A-T	55	chr8:6082150-6082250
chr8	6161950	6162050	1072-Lng-A-T	106	chr8:6161950-6162050
chr8	6202550	6202650	1167-Lng-A-T	48	chr8:6202550-6202650
chr8	6602550	6602650	901-Lng-C-T	72	chr8:6602550-6602650
chr8	6931050	6931150	1004-Lng-A-T	138	chr8:6931050-6931150
chr8	6939850	6939950	901-Lng-B-T	194	chr8:6939850-6939950
chr8	6962150	6962250	901-Lng-B-T	124	chr8:6962150-6962250
chr8	7193350	7193450	1065-Lng-B-T	83	chr8:7193350-7193450
chr8	7344950	7345050	1065-Lng-B-T	39	chr8:7344950-7345050
chr8	7418550	7418650	1223-Lng-D-T	54	chr8:7418550-7418650
chr8	7483750	7483850	1065-Lng-A-T	42	chr8:7483750-7483850
chr8	7513950	7514050	1223-Lng-D-T	45	chr8:7513950-7514050
chr8	7917650	7917750	1090-Lng-B-T	386	chr8:7917650-7917750
chr8	8050850	8050950	1167-Lng-A-T	106	chr8:8050850-8050950
chr8	8051550	8051650	1152-Lng-A-T	115	chr8:8051550-8051650
chr8	8173250	8173350	901-Lng-A-T	56	chr8:8173250-8173350
chr8	8517150	8517250	1090-Lng-A-T	50	chr8:8517150-8517250
chr8	8597950	8598050	1274-Lng-A-T	66	chr8:8597950-8598050
chr8	8679150	8679250	901-Lng-A-T	129	chr8:8679150-8679250
chr8	8682550	8682650	1151-Lng-A-T	119	chr8:8682550-8682650
chr8	8859550	8859650	1223-Lng-A-T	138	chr8:8859550-8859650
chr8	8866150	8866250	1065-Lng-A-T	60	chr8:8866150-8866250
chr8	8882550	8882650	1004-Lng-A-T	466	chr8:8882550-8882650
chr8	8973350	8973450	1100-Lng-A-T	121	chr8:8973350-8973450
chr8	8977450	8977550	846-Lng-A-T	93	chr8:8977450-8977550
chr8	9016950	9017050	1090-Lng-A-T	120	chr8:9016950-9017050
chr8	9068250	9068350	1065-Lng-A-T	117	chr8:9068250-9068350
chr8	9226950	9227050	901-Lng-A-T	70	chr8:9226950-9227050
chr8	9227750	9227850	1004-Lng-A-T	66	chr8:9227750-9227850
chr8	9331350	9331450	1100-Lng-A-T	80	chr8:9331350-9331450
chr8	9627950	9628050	1151-Lng-A-T	141	chr8:9627950-9628050
chr8	9984350	9984450	1188-Lng-A-T	77	chr8:9984350-9984450

Table S2: SB Insertion regions

chr8	10186750	10186850	1004-Lng-A-T	74	chr8:10186750-10186850
chr8	10210550	10210650	1004-Lng-A-T	51	chr8:10210550-10210650
chr8	10433050	10433150	1072-Lng-A-T	212	chr8:10433050-10433150
chr8	10852550	10852650	1152-Lng-A-T	141	chr8:10852550-10852650
chr8	10862850	10862950	1004-Lng-A-T	357	chr8:10862850-10862950
chr8	10881050	10881150	846-Lng-A-T	111	chr8:10881050-10881150
chr8	10986750	10986850	901-Lng-A-T	90	chr8:10986750-10986850
chr8	11043350	11043450	1100-Lng-A-T	55	chr8:11043350-11043450
chr8	11084850	11084950	846-Lng-A-T	66	chr8:11084850-11084950
chr8	11126250	11126350	1223-Lng-B-T	34	chr8:11126250-11126350
chr8	11212350	11212450	1100-Lng-A-T	105	chr8:11212350-11212450
chr8	11219850	11219950	1223-Lng-D-T	47	chr8:11219850-11219950
chr8	11293150	11293250	1100-Lng-A-T	64	chr8:11293150-11293250
chr8	11335050	11335150	901-Lng-D-T	380	chr8:11335050-11335150
chr8	11335250	11335350	1274-Lng-A-T	77	chr8:11335250-11335350
chr8	11349250	11349350	1004-Lng-A-T	84	chr8:11349250-11349350
chr8	11360950	11361050	901-Lng-A-T	140	chr8:11360950-11361050
chr8	11422450	11422550	1090-Lng-B-T	468	chr8:11422450-11422550
chr8	11455450	11455550	1072-Lng-A-T	94	chr8:11455450-11455550
chr8	11536950	11537050	901-Lng-B-T	107	chr8:11536950-11537050
chr8	11540850	11540950	901-Lng-B-T	130	chr8:11540850-11540950
chr8	11627250	11627350	1100-Lng-B-T	51	chr8:11627250-11627350
chr8	11827050	11827150	1188-Lng-A-T	34	chr8:11827050-11827150
chr8	11845750	11845850	1065-Lng-B-T	69	chr8:11845750-11845850
chr8	12072250	12072350	1065-Lng-B-T	54	chr8:12072250-12072350
chr8	12202250	12202350	1274-Lng-A-T	94	chr8:12202250-12202350
chr8	12482150	12482250	1090-Lng-A-T	61	chr8:12482150-12482250
chr8	12604850	12604950	1223-Lng-D-T	62	chr8:12604850-12604950
chr8	12708450	12708550	1188-Lng-A-T	50	chr8:12708450-12708550
chr8	12765950	12766050	1072-Lng-A-T	48	chr8:12765950-12766050
chr8	12774250	12774350	901-Lng-C-T	103	chr8:12774250-12774350
chr8	13064050	13064150	1188-Lng-A-T	83	chr8:13064050-13064150
chr8	13112950	13113050	1151-Lng-A-T	216	chr8:13112950-13113050
chr8	13209450	13209550	1004-Lng-A-T	70	chr8:13209450-13209550
chr8	13274250	13274350	1004-Lng-A-T	61	chr8:13274250-13274350
chr8	13507650	13507750	1072-Lng-A-T	109	chr8:13507650-13507750
chr8	13517150	13517250	1100-Lng-A-T	52	chr8:13517150-13517250
chr8	13649650	13649750	1274-Lng-A-T	55	chr8:13649650-13649750
chr8	13767950	13768050	1274-Lng-A-T	80	chr8:13767950-13768050
chr8	13774450	13774550	1274-Lng-A-T	217	chr8:13774450-13774550
chr8	13787050	13787150	1223-Lng-B-T	39	chr8:13787050-13787150
chr8	13874950	13875050	1065-Lng-B-T	71	chr8:13874950-13875050
chr8	13972250	13972350	1223-Lng-A-T	153	chr8:13972250-13972350
chr8	14036650	14036750	1188-Lng-A-T	41	chr8:14036650-14036750
chr8	14049150	14049250	1004-Lng-A-T	109	chr8:14049150-14049250
chr8	14418750	14418850	1065-Lng-A-T	58	chr8:14418750-14418850

Table S2: SB Insertion regions

chr8	14529250	14529350	1065-Lng-B-T	70	chr8:14529250-14529350
chr8	15001850	15001950	1223-Lng-A-T	264	chr8:15001850-15001950
chr8	15019650	15019750	1065-Lng-A-T	37	chr8:15019650-15019750
chr8	15211850	15211950	1072-Lng-A-T	58	chr8:15211850-15211950
chr8	15408750	15408850	1223-Lng-A-T	92	chr8:15408750-15408850
chr8	15929250	15929350	1223-Lng-D-T	47	chr8:15929250-15929350
chr8	15992550	15992650	1223-Lng-C-T	49	chr8:15992550-15992650
chr8	16035350	16035450	1065-Lng-A-T	48	chr8:16035350-16035450
chr8	16038550	16038650	1090-Lng-A-T	61	chr8:16038550-16038650
chr8	16132250	16132350	1065-Lng-B-T	42	chr8:16132250-16132350
chr8	16161050	16161150	1065-Lng-A-T	75	chr8:16161050-16161150
chr8	16281550	16281650	1065-Lng-A-T	82	chr8:16281550-16281650
chr8	16648950	16649050	846-Lng-A-T	114	chr8:16648950-16649050
chr8	17390950	17391050	901-Lng-A-T	281	chr8:17390950-17391050
chr8	17686050	17686150	1065-Lng-A-T	34	chr8:17686050-17686150
chr8	17746250	17746350	846-Lng-A-T	73	chr8:17746250-17746350
chr8	17801750	17801850	1223-Lng-B-T	35	chr8:17801750-17801850
chr8	17907250	17907350	1090-Lng-A-T	86	chr8:17907250-17907350
chr8	17919050	17919150	1090-Lng-A-T	58	chr8:17919050-17919150
chr8	17935950	17936050	901-Lng-A-T	77	chr8:17935950-17936050
chr8	17940150	17940250	1223-Lng-A-T	112	chr8:17940150-17940250
chr8	18622650	18622750	1004-Lng-A-T	49	chr8:18622650-18622750
chr8	18630150	18630250	1065-Lng-A-T	80	chr8:18630150-18630250
chr8	18721850	18721950	901-Lng-A-T	159	chr8:18721850-18721950
chr8	18759250	18759350	1065-Lng-B-T	54	chr8:18759250-18759350
chr8	18816950	18817050	1090-Lng-B-T	106	chr8:18816950-18817050
chr8	18853850	18853950	1065-Lng-A-T	36	chr8:18853850-18853950
chr8	18884950	18885050	1065-Lng-A-T	55	chr8:18884950-18885050
chr8	19046650	19046750	901-Lng-A-T	124	chr8:19046650-19046750
chr8	19133650	19133750	901-Lng-C-T	34	chr8:19133650-19133750
chr8	19162350	19162450	901-Lng-A-T	174	chr8:19162350-19162450
chr8	19296150	19296250	1004-Lng-A-T	75	chr8:19296150-19296250
chr8	19567250	19567350	1090-Lng-A-T	129	chr8:19567250-19567350
chr8	19606150	19606250	1100-Lng-A-T	78	chr8:19606150-19606250
chr8	19762450	19762550	1188-Lng-A-T	199	chr8:19762450-19762550
chr8	22081950	22082050	1004-Lng-A-T	52	chr8:22081950-22082050
chr8	22158450	22158550	901-Lng-B-T	160	chr8:22158450-22158550
chr8	23011850	23011950	1188-Lng-A-T	227	chr8:23011850-23011950
chr8	23177450	23177550	1188-Lng-A-T	122	chr8:23177450-23177550
chr8	23311450	23311550	1151-Lng-A-T	1346	chr8:23311450-23311550
chr8	23351950	23352050	1152-Lng-A-T	97	chr8:23351950-23352050
chr8	23373150	23373250	1274-Lng-A-T	100	chr8:23373150-23373250
chr8	23468750	23468850	1065-Lng-C-T	75	chr8:23468750-23468850
chr8	23509350	23509450	846-Lng-A-T	79	chr8:23509350-23509450
chr8	23564850	23564950	901-Lng-B-T	97	chr8:23564850-23564950
chr8	23584750	23584850	1100-Lng-A-T	121	chr8:23584750-23584850

Table S2: SB Insertion regions

chr8	23612050	23612150	1188-Lng-A-T	115	chr8:23612050-23612150
chr8	23670450	23670550	1090-Lng-A-T	82	chr8:23670450-23670550
chr8	23722650	23722750	1100-Lng-A-T	80	chr8:23722650-23722750
chr8	23764250	23764350	1151-Lng-A-T	58	chr8:23764250-23764350
chr8	24002350	24002450	901-Lng-C-T	244	chr8:24002350-24002450
chr8	24015750	24015850	1065-Lng-B-T	66	chr8:24015750-24015850
chr8	24050650	24050750	1090-Lng-A-T	52	chr8:24050650-24050750
chr8	24206050	24206150	1065-Lng-C-T	1931	chr8:24206050-24206150
chr8	24354850	24354950	901-Lng-D-T	48	chr8:24354850-24354950
chr8	24609350	24609450	1100-Lng-A-T	72	chr8:24609350-24609450
chr8	25098150	25098250	1065-Lng-B-T	76	chr8:25098150-25098250
chr8	25192150	25192250	1152-Lng-A-T	51	chr8:25192150-25192250
chr8	25451550	25451650	1065-Lng-C-T	97	chr8:25451550-25451650
chr8	25899450	25899550	846-Lng-A-T	47	chr8:25899450-25899550
chr8	25991750	25991850	1223-Lng-A-T	94	chr8:25991750-25991850
chr8	26296750	26296850	1065-Lng-A-T	66	chr8:26296750-26296850
chr8	26529350	26529450	1274-Lng-A-T	61	chr8:26529350-26529450
chr8	26694550	26694650	901-Lng-A-T	54	chr8:26694550-26694650
chr8	26719850	26719950	1100-Lng-A-T	140	chr8:26719850-26719950
chr8	26755450	26755550	1151-Lng-A-T	122	chr8:26755450-26755550
chr8	26806650	26806750	901-Lng-C-T	64	chr8:26806650-26806750
chr8	26949150	26949250	1072-Lng-A-T	53	chr8:26949150-26949250
chr8	27099950	27100050	846-Lng-A-T	144	chr8:27099950-27100050
chr8	27100950	27101050	1004-Lng-A-T	93	chr8:27100950-27101050
chr8	27205250	27205350	901-Lng-D-T	465	chr8:27205250-27205350
chr8	28202250	28202350	901-Lng-B-T	132	chr8:28202250-28202350
chr8	28468450	28468550	1065-Lng-A-T	97	chr8:28468450-28468550
chr8	28603650	28603750	1065-Lng-A-T	53	chr8:28603650-28603750
chr8	28630050	28630150	1065-Lng-C-T	399	chr8:28630050-28630150
chr8	28630950	28631050	1065-Lng-A-T	115	chr8:28630950-28631050
chr8	28954150	28954250	846-Lng-A-T	156	chr8:28954150-28954250
chr8	29072250	29072350	1223-Lng-B-T	236	chr8:29072250-29072350
chr8	29176150	29176250	1065-Lng-B-T	58	chr8:29176150-29176250
chr8	29182150	29182250	1223-Lng-A-T	731	chr8:29182150-29182250
chr8	29340250	29340350	1065-Lng-B-T	55	chr8:29340250-29340350
chr8	29353050	29353150	1004-Lng-A-T	79	chr8:29353050-29353150
chr8	29381050	29381150	901-Lng-B-T	92	chr8:29381050-29381150
chr8	29433850	29433950	901-Lng-B-T	317	chr8:29433850-29433950
chr8	29850050	29850150	901-Lng-C-T	59	chr8:29850050-29850150
chr8	30132150	30132250	1223-Lng-B-T	38	chr8:30132150-30132250
chr8	30385150	30385250	1090-Lng-B-T	527	chr8:30385150-30385250
chr8	30488850	30488950	1100-Lng-A-T	52	chr8:30488850-30488950
chr8	30554250	30554350	1004-Lng-A-T	52	chr8:30554250-30554350
chr8	30770650	30770750	1223-Lng-B-T	35	chr8:30770650-30770750
chr8	31074050	31074150	1152-Lng-A-T	56	chr8:31074050-31074150
chr8	31079450	31079550	1152-Lng-A-T	111	chr8:31079450-31079550

Table S2: SB Insertion regions

chr8	31224650	31224750	901-Lng-D-T	302	chr8:31224650-31224750
chr8	31247450	31247550	1065-Lng-A-T	62	chr8:31247450-31247550
chr8	31257750	31257850	1274-Lng-A-T	50	chr8:31257750-31257850
chr8	31365350	31365450	1152-Lng-A-T	238	chr8:31365350-31365450
chr8	31445750	31445850	1004-Lng-A-T	49	chr8:31445750-31445850
chr8	31482450	31482550	1274-Lng-A-T	125	chr8:31482450-31482550
chr8	31656150	31656250	1090-Lng-A-T	72	chr8:31656150-31656250
chr8	31831150	31831250	1223-Lng-B-T	42	chr8:31831150-31831250
chr8	31866050	31866150	1274-Lng-A-T	81	chr8:31866050-31866150
chr8	31871250	31871350	1065-Lng-A-T	58	chr8:31871250-31871350
chr8	32262850	32262950	1152-Lng-A-T	108	chr8:32262850-32262950
chr8	32304150	32304250	1090-Lng-A-T	88	chr8:32304150-32304250
chr8	32480550	32480650	901-Lng-A-T	93	chr8:32480550-32480650
chr8	32632550	32632650	1004-Lng-A-T	57	chr8:32632550-32632650
chr8	32710950	32711050	1274-Lng-A-T	58	chr8:32710950-32711050
chr8	33026250	33026350	846-Lng-A-T	88	chr8:33026250-33026350
chr8	33047450	33047550	1223-Lng-C-T	69	chr8:33047450-33047550
chr8	33117150	33117250	1167-Lng-A-T	115	chr8:33117150-33117250
chr8	33214350	33214450	1223-Lng-A-T	53	chr8:33214350-33214450
chr8	33402650	33402750	1004-Lng-A-T	75	chr8:33402650-33402750
chr8	33414950	33415050	1152-Lng-A-T	290	chr8:33414950-33415050
chr8	33618950	33619050	1090-Lng-A-T	74	chr8:33618950-33619050
chr8	33836550	33836650	1065-Lng-A-T	83	chr8:33836550-33836650
chr8	34012650	34012750	1072-Lng-A-T	141	chr8:34012650-34012750
chr8	34122550	34122650	1274-Lng-A-T	60	chr8:34122550-34122650
chr8	34309550	34309650	1152-Lng-A-T	31	chr8:34309550-34309650
chr8	34373750	34373850	901-Lng-B-T	185	chr8:34373750-34373850
chr8	34409250	34409350	846-Lng-A-T	673	chr8:34409250-34409350
chr8	34433550	34433650	1065-Lng-A-T	57	chr8:34433550-34433650
chr8	34505550	34505650	1065-Lng-B-T	62	chr8:34505550-34505650
chr8	34522650	34522750	901-Lng-A-T	107	chr8:34522650-34522750
chr8	34615950	34616050	1223-Lng-B-T	53	chr8:34615950-34616050
chr8	34688850	34688950	1223-Lng-D-T	159	chr8:34688850-34688950
chr8	34717450	34717550	901-Lng-B-T	209	chr8:34717450-34717550
chr8	34720550	34720650	1223-Lng-C-T	53	chr8:34720550-34720650
chr8	34754250	34754350	901-Lng-A-T	121	chr8:34754250-34754350
chr8	34862750	34862850	1100-Lng-A-T	63	chr8:34862750-34862850
chr8	34919050	34919150	1065-Lng-A-T	34	chr8:34919050-34919150
chr8	34921550	34921650	1065-Lng-B-T	87	chr8:34921550-34921650
chr8	34928150	34928250	1100-Lng-A-T	650	chr8:34928150-34928250
chr8	34962550	34962650	1223-Lng-A-T	2274	chr8:34962550-34962650
chr8	35022250	35022350	1065-Lng-A-T	35	chr8:35022250-35022350
chr8	35086550	35086650	1100-Lng-A-T	150	chr8:35086550-35086650
chr8	35199550	35199650	1100-Lng-A-T	2036	chr8:35199550-35199650
chr8	35210550	35210650	846-Lng-A-T	109	chr8:35210550-35210650
chr8	35296850	35296950	1152-Lng-A-T	118	chr8:35296850-35296950

Table S2: SB Insertion regions

chr8	35538050	35538150	1004-Lng-A-T	76	chr8:35538050-35538150
chr8	35563850	35563950	901-Lng-A-T	140	chr8:35563850-35563950
chr8	35602650	35602750	1274-Lng-A-T	82	chr8:35602650-35602750
chr8	35629150	35629250	1065-Lng-B-T	135	chr8:35629150-35629250
chr8	35742850	35742950	1090-Lng-A-T	74	chr8:35742850-35742950
chr8	35884050	35884150	1004-Lng-A-T	57	chr8:35884050-35884150
chr8	35990150	35990250	901-Lng-D-T	140	chr8:35990150-35990250
chr8	36095450	36095550	1065-Lng-A-T	93	chr8:36095450-36095550
chr8	36133750	36133850	1065-Lng-B-T	44	chr8:36133750-36133850
chr8	36270350	36270450	1065-Lng-B-T	69	chr8:36270350-36270450
chr8	36404550	36404650	1223-Lng-B-T	63	chr8:36404550-36404650
chr8	36555950	36556050	1223-Lng-A-T	277	chr8:36555950-36556050
chr8	36581650	36581750	846-Lng-A-T	52	chr8:36581650-36581750
chr8	36673050	36673150	1223-Lng-A-T	82	chr8:36673050-36673150
chr8	36681250	36681350	1065-Lng-B-T	54	chr8:36681250-36681350
chr8	36751250	36751350	1152-Lng-A-T	110	chr8:36751250-36751350
chr8	36774450	36774550	846-Lng-A-T	43	chr8:36774450-36774550
chr8	37256650	37256750	1151-Lng-A-T	60	chr8:37256650-37256750
chr8	37257550	37257650	846-Lng-A-T	154	chr8:37257550-37257650
chr8	37665150	37665250	846-Lng-A-T	337	chr8:37665150-37665250
chr8	37670150	37670250	1223-Lng-C-T	96	chr8:37670150-37670250
chr8	37699950	37700050	1151-Lng-A-T	104	chr8:37699950-37700050
chr8	37710550	37710650	1274-Lng-A-T	52	chr8:37710550-37710650
chr8	37742450	37742550	1065-Lng-A-T	47	chr8:37742450-37742550
chr8	37778050	37778150	1274-Lng-A-T	85	chr8:37778050-37778150
chr8	37878550	37878650	1090-Lng-B-T	244	chr8:37878550-37878650
chr8	37893850	37893950	1223-Lng-D-T	49	chr8:37893850-37893950
chr8	37960750	37960850	1090-Lng-A-T	81	chr8:37960750-37960850
chr8	38030750	38030850	1090-Lng-A-T	53	chr8:38030750-38030850
chr8	38094550	38094650	1072-Lng-A-T	64	chr8:38094550-38094650
chr8	38233850	38233950	1072-Lng-A-T	108	chr8:38233850-38233950
chr8	38324750	38324850	1065-Lng-B-T	57	chr8:38324750-38324850
chr8	38331850	38331950	1090-Lng-A-T	51	chr8:38331850-38331950
chr8	38630350	38630450	1223-Lng-C-T	53	chr8:38630350-38630450
chr8	38686650	38686750	901-Lng-A-T	180	chr8:38686650-38686750
chr8	38721550	38721650	1151-Lng-A-T	206	chr8:38721550-38721650
chr8	38735550	38735650	1004-Lng-A-T	53	chr8:38735550-38735650
chr8	38801650	38801750	846-Lng-A-T	2032	chr8:38801650-38801750
chr8	38867550	38867650	1004-Lng-A-T	69	chr8:38867550-38867650
chr8	38964750	38964850	901-Lng-A-T	55	chr8:38964750-38964850
chr8	39083250	39083350	1090-Lng-A-T	49	chr8:39083250-39083350
chr8	39225450	39225550	1065-Lng-B-T	45	chr8:39225450-39225550
chr8	39261450	39261550	901-Lng-A-T	96	chr8:39261450-39261550
chr8	39265350	39265450	901-Lng-B-T	169	chr8:39265350-39265450
chr8	39323150	39323250	1152-Lng-A-T	67	chr8:39323150-39323250
chr8	39384850	39384950	1274-Lng-A-T	79	chr8:39384850-39384950

Table S2: SB Insertion regions

chr8	39393450	39393550	1065-Lng-B-T	53	chr8:39393450-39393550
chr8	39399750	39399850	1065-Lng-B-T	144	chr8:39399750-39399850
chr8	39696050	39696150	1188-Lng-A-T	38	chr8:39696050-39696150
chr8	39717150	39717250	1090-Lng-A-T	61	chr8:39717150-39717250
chr8	39743050	39743150	1151-Lng-A-T	60	chr8:39743050-39743150
chr8	39959750	39959850	901-Lng-A-T	75	chr8:39959750-39959850
chr8	40073850	40073950	1072-Lng-A-T	136	chr8:40073850-40073950
chr8	40079150	40079250	1223-Lng-A-T	185	chr8:40079150-40079250
chr8	40086350	40086450	1100-Lng-A-T	52	chr8:40086350-40086450
chr8	40120350	40120450	1152-Lng-A-T	59	chr8:40120350-40120450
chr8	40134850	40134950	1090-Lng-B-T	405	chr8:40134850-40134950
chr8	40166150	40166250	901-Lng-A-T	99	chr8:40166150-40166250
chr8	40276750	40276850	1065-Lng-A-T	45	chr8:40276750-40276850
chr8	40361950	40362050	1274-Lng-A-T	180	chr8:40361950-40362050
chr8	40388550	40388650	1167-Lng-A-T	82	chr8:40388550-40388650
chr8	40488050	40488150	1188-Lng-A-T	34	chr8:40488050-40488150
chr8	40495550	40495650	1065-Lng-C-T	109	chr8:40495550-40495650
chr8	40677850	40677950	1223-Lng-B-T	43	chr8:40677850-40677950
chr8	41033350	41033450	1274-Lng-A-T	123	chr8:41033350-41033450
chr8	41056750	41056850	901-Lng-C-T	133	chr8:41056750-41056850
chr8	41071150	41071250	1151-Lng-A-T	57	chr8:41071150-41071250
chr8	41208250	41208350	846-Lng-A-T	58	chr8:41208250-41208350
chr8	41400450	41400550	1072-Lng-A-T	67	chr8:41400450-41400550
chr8	41403350	41403450	1065-Lng-B-T	40	chr8:41403350-41403450
chr8	41406250	41406350	1223-Lng-C-T	44	chr8:41406250-41406350
chr8	41541850	41541950	901-Lng-D-T	38	chr8:41541850-41541950
chr8	41580250	41580350	1065-Lng-B-T	54	chr8:41580250-41580350
chr8	41580650	41580750	901-Lng-D-T	599	chr8:41580650-41580750
chr8	41599450	41599550	1065-Lng-B-T	56	chr8:41599450-41599550
chr8	41609650	41609750	846-Lng-A-T	87	chr8:41609650-41609750
chr8	41631950	41632050	1100-Lng-A-T	73	chr8:41631950-41632050
chr8	41633650	41633750	1065-Lng-A-T	46	chr8:41633650-41633750
chr8	41744850	41744950	901-Lng-C-T	105	chr8:41744850-41744950
chr8	41760750	41760850	1065-Lng-A-T	66	chr8:41760750-41760850
chr8	41852450	41852550	1100-Lng-A-T	121	chr8:41852450-41852550
chr8	41985350	41985450	901-Lng-B-T	51	chr8:41985350-41985450
chr8	42074550	42074650	1223-Lng-B-T	359	chr8:42074550-42074650
chr8	42190550	42190650	1065-Lng-C-T	94	chr8:42190550-42190650
chr8	42201950	42202050	1100-Lng-A-T	85	chr8:42201950-42202050
chr8	42276250	42276350	1004-Lng-A-T	66	chr8:42276250-42276350
chr8	42327650	42327750	1188-Lng-A-T	62	chr8:42327650-42327750
chr8	42342350	42342450	1167-Lng-A-T	97	chr8:42342350-42342450
chr8	42374850	42374950	1223-Lng-B-T	38	chr8:42374850-42374950
chr8	42377350	42377450	1223-Lng-D-T	40	chr8:42377350-42377450
chr8	42389450	42389550	901-Lng-B-T	182	chr8:42389450-42389550
chr8	42395050	42395150	901-Lng-C-T	45	chr8:42395050-42395150

Table S2: SB Insertion regions

chr8	42423550	42423650	1223-Lng-C-T	57	chr8:42423550-42423650
chr8	42449350	42449450	1072-Lng-A-T	55	chr8:42449350-42449450
chr8	42461950	42462050	1223-Lng-A-T	1484	chr8:42461950-42462050
chr8	42478350	42478450	846-Lng-A-T	56	chr8:42478350-42478450
chr8	42483650	42483750	1100-Lng-B-T	54	chr8:42483650-42483750
chr8	42485550	42485650	1065-Lng-B-T	88	chr8:42485550-42485650
chr8	42518450	42518550	1223-Lng-C-T	49	chr8:42518450-42518550
chr8	42673250	42673350	1090-Lng-A-T	76	chr8:42673250-42673350
chr8	42755250	42755350	1090-Lng-A-T	46	chr8:42755250-42755350
chr8	42866150	42866250	1223-Lng-B-T	116	chr8:42866150-42866250
chr8	43032750	43032850	1223-Lng-B-T	143	chr8:43032750-43032850
chr8	43043050	43043150	1188-Lng-A-T	169	chr8:43043050-43043150
chr8	43223150	43223250	1004-Lng-A-T	49	chr8:43223150-43223250
chr8	43399550	43399650	1167-Lng-A-T	50	chr8:43399550-43399650
chr8	43461050	43461150	1090-Lng-A-T	73	chr8:43461050-43461150
chr8	43462650	43462750	1223-Lng-B-T	34	chr8:43462650-43462750
chr8	43502650	43502750	901-Lng-C-T	28	chr8:43502650-43502750
chr8	43530050	43530150	901-Lng-A-T	435	chr8:43530050-43530150
chr8	43592550	43592650	1223-Lng-A-T	286	chr8:43592550-43592650
chr8	43602450	43602550	1223-Lng-A-T	111	chr8:43602450-43602550
chr8	43686350	43686450	1167-Lng-A-T	82	chr8:43686350-43686450
chr8	43690550	43690650	1004-Lng-A-T	155	chr8:43690550-43690650
chr8	43853150	43853250	1065-Lng-B-T	40	chr8:43853150-43853250
chr8	43900550	43900650	901-Lng-A-T	75	chr8:43900550-43900650
chr8	44187850	44187950	1152-Lng-A-T	36	chr8:44187850-44187950
chr8	44722250	44722350	1274-Lng-A-T	77	chr8:44722250-44722350
chr8	44762750	44762850	1100-Lng-B-T	61	chr8:44762750-44762850
chr8	44839750	44839850	1223-Lng-B-T	44	chr8:44839750-44839850
chr8	45067250	45067350	1072-Lng-A-T	51	chr8:45067250-45067350
chr8	45112450	45112550	1004-Lng-A-T	66	chr8:45112450-45112550
chr8	45291250	45291350	1065-Lng-B-T	53	chr8:45291250-45291350
chr8	45381550	45381650	901-Lng-C-T	42	chr8:45381550-45381650
chr8	45723550	45723650	1274-Lng-A-T	92	chr8:45723550-45723650
chr8	45931350	45931450	1090-Lng-A-T	93	chr8:45931350-45931450
chr8	46029650	46029750	1152-Lng-A-T	120	chr8:46029650-46029750
chr8	46078350	46078450	1151-Lng-A-T	163	chr8:46078350-46078450
chr8	46083350	46083450	1090-Lng-A-T	64	chr8:46083350-46083450
chr8	46104950	46105050	846-Lng-A-T	54	chr8:46104950-46105050
chr8	46111450	46111550	1090-Lng-A-T	152	chr8:46111450-46111550
chr8	46115850	46115950	1065-Lng-A-T	48	chr8:46115850-46115950
chr8	46123050	46123150	1152-Lng-A-T	40	chr8:46123050-46123150
chr8	46257550	46257650	1065-Lng-B-T	63	chr8:46257550-46257650
chr8	46349550	46349650	1274-Lng-A-T	55	chr8:46349550-46349650
chr8	46352750	46352850	901-Lng-B-T	109	chr8:46352750-46352850
chr8	46465550	46465650	1072-Lng-A-T	49	chr8:46465550-46465650
chr8	46692250	46692350	1151-Lng-A-T	433	chr8:46692250-46692350

Table S2: SB Insertion regions

chr8	46714050	46714150	901-Lng-C-T	33	chr8:46714050-46714150
chr8	46719250	46719350	1151-Lng-A-T	74	chr8:46719250-46719350
chr8	46775550	46775650	1274-Lng-A-T	105	chr8:46775550-46775650
chr8	46943750	46943850	1152-Lng-A-T	94	chr8:46943750-46943850
chr8	47044750	47044850	901-Lng-A-T	70	chr8:47044750-47044850
chr8	47074850	47074950	1274-Lng-A-T	418	chr8:47074850-47074950
chr8	47080650	47080750	1004-Lng-A-T	163	chr8:47080650-47080750
chr8	47222350	47222450	1100-Lng-A-T	93	chr8:47222350-47222450
chr8	47239950	47240050	1223-Lng-C-T	190	chr8:47239950-47240050
chr8	47286450	47286550	1065-Lng-A-T	50	chr8:47286450-47286550
chr8	47365350	47365450	901-Lng-C-T	43	chr8:47365350-47365450
chr8	47570350	47570450	1065-Lng-A-T	63	chr8:47570350-47570450
chr8	47579850	47579950	1274-Lng-A-T	176	chr8:47579850-47579950
chr8	47722350	47722450	901-Lng-C-T	210	chr8:47722350-47722450
chr8	47839750	47839850	1274-Lng-A-T	58	chr8:47839750-47839850
chr8	47874850	47874950	1223-Lng-C-T	45	chr8:47874850-47874950
chr8	47905550	47905650	1004-Lng-A-T	77	chr8:47905550-47905650
chr8	47907150	47907250	1223-Lng-C-T	627	chr8:47907150-47907250
chr8	47908250	47908350	1065-Lng-A-T	37	chr8:47908250-47908350
chr8	47928950	47929050	1065-Lng-C-T	252	chr8:47928950-47929050
chr8	48037750	48037850	1065-Lng-C-T	70	chr8:48037750-48037850
chr8	48059050	48059150	901-Lng-A-T	79	chr8:48059050-48059150
chr8	48197550	48197650	1072-Lng-A-T	49	chr8:48197550-48197650
chr8	48300150	48300250	1223-Lng-A-T	171	chr8:48300150-48300250
chr8	48314650	48314750	1090-Lng-A-T	96	chr8:48314650-48314750
chr8	48363650	48363750	901-Lng-C-T	151	chr8:48363650-48363750
chr8	48410550	48410650	901-Lng-C-T	28	chr8:48410550-48410650
chr8	48424550	48424650	1072-Lng-A-T	181	chr8:48424550-48424650
chr8	48884550	48884650	1004-Lng-A-T	51	chr8:48884550-48884650
chr8	48948850	48948950	1090-Lng-B-T	71	chr8:48948850-48948950
chr8	48985350	48985450	1188-Lng-A-T	34	chr8:48985350-48985450
chr8	49006250	49006350	1090-Lng-A-T	68	chr8:49006250-49006350
chr8	49009850	49009950	901-Lng-D-T	1114	chr8:49009850-49009950
chr8	49029550	49029650	846-Lng-A-T	84	chr8:49029550-49029650
chr8	49569350	49569450	901-Lng-B-T	38	chr8:49569350-49569450
chr8	49645050	49645150	846-Lng-A-T	111	chr8:49645050-49645150
chr8	49686450	49686550	846-Lng-A-T	48	chr8:49686450-49686550
chr8	49865650	49865750	901-Lng-C-T	76	chr8:49865650-49865750
chr8	49964950	49965050	1100-Lng-A-T	80	chr8:49964950-49965050
chr8	50002250	50002350	1188-Lng-A-T	36	chr8:50002250-50002350
chr8	50027450	50027550	1065-Lng-C-T	2321	chr8:50027450-50027550
chr8	50063550	50063650	1090-Lng-A-T	92	chr8:50063550-50063650
chr8	50142050	50142150	1223-Lng-B-T	60	chr8:50142050-50142150
chr8	50155850	50155950	1065-Lng-A-T	127	chr8:50155850-50155950
chr8	50437350	50437450	1223-Lng-A-T	152	chr8:50437350-50437450
chr8	50452750	50452850	901-Lng-C-T	35	chr8:50452750-50452850

Table S2: SB Insertion regions

chr8	50480750	50480850	901-Lng-B-T	180	chr8:50480750-50480850
chr8	50493750	50493850	1090-Lng-A-T	112	chr8:50493750-50493850
chr8	50527750	50527850	846-Lng-A-T	266	chr8:50527750-50527850
chr8	50555550	50555650	1090-Lng-A-T	53	chr8:50555550-50555650
chr8	50563050	50563150	1188-Lng-A-T	193	chr8:50563050-50563150
chr8	50580550	50580650	901-Lng-D-T	1046	chr8:50580550-50580650
chr8	50637850	50637950	1065-Lng-B-T	43	chr8:50637850-50637950
chr8	50728750	50728850	1100-Lng-B-T	51	chr8:50728750-50728850
chr8	51074750	51074850	901-Lng-A-T	51	chr8:51074750-51074850
chr8	51075250	51075350	1065-Lng-C-T	86	chr8:51075250-51075350
chr8	51151450	51151550	1072-Lng-A-T	51	chr8:51151450-51151550
chr8	51230850	51230950	1100-Lng-A-T	74	chr8:51230850-51230950
chr8	51371450	51371550	1065-Lng-B-T	54	chr8:51371450-51371550
chr8	51420950	51421050	901-Lng-D-T	41	chr8:51420950-51421050
chr8	51621750	51621850	1065-Lng-A-T	92	chr8:51621750-51621850
chr8	51703850	51703950	901-Lng-C-T	82	chr8:51703850-51703950
chr8	51760550	51760650	1223-Lng-A-T	307	chr8:51760550-51760650
chr8	51833550	51833650	1152-Lng-A-T	31	chr8:51833550-51833650
chr8	51921750	51921850	1090-Lng-B-T	162	chr8:51921750-51921850
chr8	52161950	52162050	1065-Lng-A-T	44	chr8:52161950-52162050
chr8	52395050	52395150	1072-Lng-A-T	58	chr8:52395050-52395150
chr8	52565750	52565850	1100-Lng-A-T	83	chr8:52565750-52565850
chr8	52687150	52687250	901-Lng-B-T	148	chr8:52687150-52687250
chr8	52803950	52804050	1223-Lng-D-T	47	chr8:52803950-52804050
chr8	52813850	52813950	1065-Lng-C-T	72	chr8:52813850-52813950
chr8	52857950	52858050	901-Lng-C-T	97	chr8:52857950-52858050
chr8	52983850	52983950	1223-Lng-A-T	104	chr8:52983850-52983950
chr8	52983850	52983950	1065-Lng-C-T	64	chr8:52983850-52983950
chr8	53003250	53003350	1065-Lng-B-T	116	chr8:53003250-53003350
chr8	53108450	53108550	1151-Lng-A-T	57	chr8:53108450-53108550
chr8	53143550	53143650	1151-Lng-A-T	56	chr8:53143550-53143650
chr8	53188650	53188750	1274-Lng-A-T	57	chr8:53188650-53188750
chr8	53237850	53237950	1223-Lng-A-T	73	chr8:53237850-53237950
chr8	53255950	53256050	1274-Lng-A-T	177	chr8:53255950-53256050
chr8	53331950	53332050	1065-Lng-B-T	57	chr8:53331950-53332050
chr8	53458750	53458850	1152-Lng-A-T	65	chr8:53458750-53458850
chr8	53471950	53472050	1223-Lng-B-T	62	chr8:53471950-53472050
chr8	53690650	53690750	1152-Lng-A-T	61	chr8:53690650-53690750
chr8	53850450	53850550	1223-Lng-B-T	41	chr8:53850450-53850550
chr8	53893850	53893950	901-Lng-B-T	185	chr8:53893850-53893950
chr8	53903750	53903850	1223-Lng-A-T	106	chr8:53903750-53903850
chr8	54016850	54016950	1223-Lng-A-T	156	chr8:54016850-54016950
chr8	54259150	54259250	846-Lng-A-T	129	chr8:54259150-54259250
chr8	54270050	54270150	1065-Lng-B-T	119	chr8:54270050-54270150
chr8	54413750	54413850	1152-Lng-A-T	32	chr8:54413750-54413850
chr8	54533750	54533850	1152-Lng-A-T	105	chr8:54533750-54533850

Table S2: SB Insertion regions

chr8	54658350	54658450	1065-Lng-B-T	172	chr8:54658350-54658450
chr8	54753450	54753550	1223-Lng-C-T	94	chr8:54753450-54753550
chr8	54767450	54767550	1090-Lng-A-T	111	chr8:54767450-54767550
chr8	54823550	54823650	1004-Lng-A-T	146	chr8:54823550-54823650
chr8	55034950	55035050	1188-Lng-A-T	195	chr8:55034950-55035050
chr8	55325950	55326050	1188-Lng-A-T	42	chr8:55325950-55326050
chr8	55348250	55348350	1223-Lng-B-T	45	chr8:55348250-55348350
chr8	55461950	55462050	1151-Lng-A-T	270	chr8:55461950-55462050
chr8	55611350	55611450	1223-Lng-D-T	46	chr8:55611350-55611450
chr8	55753650	55753750	901-Lng-B-T	224	chr8:55753650-55753750
chr8	55797650	55797750	1223-Lng-A-T	823	chr8:55797650-55797750
chr8	56041350	56041450	1100-Lng-A-T	68	chr8:56041350-56041450
chr8	56058250	56058350	1223-Lng-D-T	46	chr8:56058250-56058350
chr8	56079350	56079450	1065-Lng-B-T	56	chr8:56079350-56079450
chr8	56127750	56127850	1151-Lng-A-T	57	chr8:56127750-56127850
chr8	58146150	58146250	1004-Lng-A-T	75	chr8:58146150-58146250
chr8	58170350	58170450	1100-Lng-A-T	142	chr8:58170350-58170450
chr8	58281350	58281450	1090-Lng-A-T	47	chr8:58281350-58281450
chr8	58414850	58414950	901-Lng-A-T	536	chr8:58414850-58414950
chr8	58898250	58898350	1167-Lng-A-T	77	chr8:58898250-58898350
chr8	58917950	58918050	1004-Lng-A-T	92	chr8:58917950-58918050
chr8	59020150	59020250	1004-Lng-A-T	90	chr8:59020150-59020250
chr8	59065550	59065650	1167-Lng-A-T	49	chr8:59065550-59065650
chr8	59069450	59069550	901-Lng-C-T	67	chr8:59069450-59069550
chr8	59212950	59213050	1004-Lng-A-T	85	chr8:59212950-59213050
chr8	59338750	59338850	1188-Lng-A-T	37	chr8:59338750-59338850
chr8	59394250	59394350	901-Lng-A-T	87	chr8:59394250-59394350
chr8	59690750	59690850	1090-Lng-A-T	61	chr8:59690750-59690850
chr8	59707350	59707450	1223-Lng-C-T	49	chr8:59707350-59707450
chr8	59778650	59778750	1065-Lng-C-T	81	chr8:59778650-59778750
chr8	59808650	59808750	901-Lng-B-T	36	chr8:59808650-59808750
chr8	59904950	59905050	846-Lng-A-T	958	chr8:59904950-59905050
chr8	60058850	60058950	901-Lng-A-T	66	chr8:60058850-60058950
chr8	60095050	60095150	1065-Lng-A-T	60	chr8:60095050-60095150
chr8	60724250	60724350	846-Lng-A-T	153	chr8:60724250-60724350
chr8	60846750	60846850	1065-Lng-B-T	254	chr8:60846750-60846850
chr8	60848750	60848850	846-Lng-A-T	1056	chr8:60848750-60848850
chr8	60907650	60907750	1100-Lng-A-T	69	chr8:60907650-60907750
chr8	61170950	61171050	901-Lng-A-T	85	chr8:61170950-61171050
chr8	61366050	61366150	1274-Lng-A-T	172	chr8:61366050-61366150
chr8	61393350	61393450	1065-Lng-B-T	82	chr8:61393350-61393450
chr8	61400850	61400950	1223-Lng-C-T	43	chr8:61400850-61400950
chr8	61628450	61628550	1100-Lng-B-T	62	chr8:61628450-61628550
chr8	61682550	61682650	1004-Lng-A-T	63	chr8:61682550-61682650
chr8	61734650	61734750	901-Lng-A-T	73	chr8:61734650-61734750
chr8	61822750	61822850	1090-Lng-A-T	92	chr8:61822750-61822850

Table S2: SB Insertion regions

chr8	61872650	61872750	1065-Lng-B-T	40	chr8:61872650-61872750
chr8	62021450	62021550	1065-Lng-B-T	40	chr8:62021450-62021550
chr8	62041150	62041250	1004-Lng-A-T	60	chr8:62041150-62041250
chr8	62174750	62174850	1004-Lng-A-T	122	chr8:62174750-62174850
chr8	62224450	62224550	1090-Lng-A-T	105	chr8:62224450-62224550
chr8	62493350	62493450	901-Lng-B-T	90	chr8:62493350-62493450
chr8	62644150	62644250	1065-Lng-B-T	66	chr8:62644150-62644250
chr8	62835050	62835150	1090-Lng-A-T	88	chr8:62835050-62835150
chr8	62927550	62927650	1065-Lng-C-T	81	chr8:62927550-62927650
chr8	63113650	63113750	1090-Lng-A-T	53	chr8:63113650-63113750
chr8	63156050	63156150	1004-Lng-A-T	141	chr8:63156050-63156150
chr8	63157950	63158050	1004-Lng-A-T	407	chr8:63157950-63158050
chr8	63158350	63158450	846-Lng-A-T	99	chr8:63158350-63158450
chr8	63310350	63310450	1274-Lng-A-T	62	chr8:63310350-63310450
chr8	63311150	63311250	1188-Lng-A-T	37	chr8:63311150-63311250
chr8	63439750	63439850	1004-Lng-A-T	50	chr8:63439750-63439850
chr8	63456050	63456150	1065-Lng-B-T	41	chr8:63456050-63456150
chr8	63506450	63506550	1004-Lng-A-T	76	chr8:63506450-63506550
chr8	63518050	63518150	1152-Lng-A-T	206	chr8:63518050-63518150
chr8	63567350	63567450	1151-Lng-A-T	169	chr8:63567350-63567450
chr8	63715550	63715650	1274-Lng-A-T	190	chr8:63715550-63715650
chr8	63733150	63733250	1065-Lng-C-T	72	chr8:63733150-63733250
chr8	63740950	63741050	1004-Lng-A-T	351	chr8:63740950-63741050
chr8	63751550	63751650	1274-Lng-A-T	89	chr8:63751550-63751650
chr8	63759050	63759150	846-Lng-A-T	125	chr8:63759050-63759150
chr8	63793550	63793650	1090-Lng-A-T	617	chr8:63793550-63793650
chr8	63798750	63798850	1274-Lng-A-T	2571	chr8:63798750-63798850
chr8	63800350	63800450	1223-Lng-C-T	55	chr8:63800350-63800450
chr8	63861150	63861250	1004-Lng-A-T	176	chr8:63861150-63861250
chr8	63904850	63904950	1223-Lng-D-T	44	chr8:63904850-63904950
chr8	64717650	64717750	1065-Lng-A-T	68	chr8:64717650-64717750
chr8	64989650	64989750	1274-Lng-A-T	55	chr8:64989650-64989750
chr8	65146350	65146450	1065-Lng-A-T	40	chr8:65146350-65146450
chr8	65179550	65179650	1065-Lng-B-T	84	chr8:65179550-65179650
chr8	65563750	65563850	1004-Lng-A-T	84	chr8:65563750-65563850
chr8	65603850	65603950	1065-Lng-B-T	63	chr8:65603850-65603950
chr8	65603850	65603950	1065-Lng-A-T	48	chr8:65603850-65603950
chr8	65729750	65729850	846-Lng-A-T	95	chr8:65729750-65729850
chr8	65915350	65915450	1151-Lng-A-T	71	chr8:65915350-65915450
chr8	65971150	65971250	1152-Lng-A-T	98	chr8:65971150-65971250
chr8	66058150	66058250	1223-Lng-B-T	41	chr8:66058150-66058250
chr8	66507950	66508050	1004-Lng-A-T	75	chr8:66507950-66508050
chr8	66601250	66601350	901-Lng-C-T	41	chr8:66601250-66601350
chr8	66663550	66663650	1004-Lng-A-T	56	chr8:66663550-66663650
chr8	66839250	66839350	1274-Lng-A-T	61	chr8:66839250-66839350
chr8	66888750	66888850	1004-Lng-A-T	89	chr8:66888750-66888850

Table S2: SB Insertion regions

chr8	67068950	67069050	1090-Lng-A-T	128	chr8:67068950-67069050
chr8	67226650	67226750	1004-Lng-A-T	51	chr8:67226650-67226750
chr8	67269050	67269150	901-Lng-D-T	133	chr8:67269050-67269150
chr8	67332050	67332150	1065-Lng-A-T	63	chr8:67332050-67332150
chr8	67345050	67345150	1065-Lng-A-T	54	chr8:67345050-67345150
chr8	67587750	67587850	1100-Lng-A-T	157	chr8:67587750-67587850
chr8	67716350	67716450	1065-Lng-B-T	60	chr8:67716350-67716450
chr8	67912050	67912150	1090-Lng-A-T	107	chr8:67912050-67912150
chr8	68143650	68143750	1223-Lng-C-T	51	chr8:68143650-68143750
chr8	68222150	68222250	1072-Lng-A-T	83	chr8:68222150-68222250
chr8	68236750	68236850	1004-Lng-A-T	181	chr8:68236750-68236850
chr8	68325750	68325850	1151-Lng-A-T	61	chr8:68325750-68325850
chr8	68600750	68600850	1004-Lng-A-T	94	chr8:68600750-68600850
chr8	68662950	68663050	1065-Lng-C-T	126	chr8:68662950-68663050
chr8	69017250	69017350	1065-Lng-C-T	66	chr8:69017250-69017350
chr8	69057650	69057750	1152-Lng-A-T	91	chr8:69057650-69057750
chr8	69111050	69111150	846-Lng-A-T	1886	chr8:69111050-69111150
chr8	69116850	69116950	1223-Lng-A-T	293	chr8:69116850-69116950
chr8	69142550	69142650	846-Lng-A-T	144	chr8:69142550-69142650
chr8	69387950	69388050	1274-Lng-A-T	202	chr8:69387950-69388050
chr8	69869550	69869650	1223-Lng-A-T	550	chr8:69869550-69869650
chr8	69925850	69925950	1223-Lng-A-T	107	chr8:69925850-69925950
chr8	69963950	69964050	1223-Lng-D-T	41	chr8:69963950-69964050
chr8	70247050	70247150	1151-Lng-A-T	443	chr8:70247050-70247150
chr8	70351350	70351450	901-Lng-A-T	197	chr8:70351350-70351450
chr8	70363150	70363250	1065-Lng-B-T	43	chr8:70363150-70363250
chr8	70405450	70405550	1065-Lng-B-T	87	chr8:70405450-70405550
chr8	70454650	70454750	1223-Lng-D-T	127	chr8:70454650-70454750
chr8	70458050	70458150	1065-Lng-A-T	91	chr8:70458050-70458150
chr8	70461550	70461650	1100-Lng-A-T	133	chr8:70461550-70461650
chr8	70486350	70486450	1274-Lng-A-T	52	chr8:70486350-70486450
chr8	70508350	70508450	1004-Lng-A-T	95	chr8:70508350-70508450
chr8	70510950	70511050	1090-Lng-B-T	320	chr8:70510950-70511050
chr8	70525650	70525750	1223-Lng-C-T	48	chr8:70525650-70525750
chr8	70536350	70536450	1090-Lng-A-T	55	chr8:70536350-70536450
chr8	70545550	70545650	1151-Lng-A-T	58	chr8:70545550-70545650
chr8	70554250	70554350	1090-Lng-A-T	52	chr8:70554250-70554350
chr8	70567950	70568050	1065-Lng-B-T	90	chr8:70567950-70568050
chr8	70573450	70573550	901-Lng-C-T	61	chr8:70573450-70573550
chr8	70575450	70575550	1090-Lng-A-T	59	chr8:70575450-70575550
chr8	70679550	70679650	1072-Lng-A-T	52	chr8:70679550-70679650
chr8	70721250	70721350	1004-Lng-A-T	51	chr8:70721250-70721350
chr8	70805750	70805850	1223-Lng-D-T	232	chr8:70805750-70805850
chr8	70824250	70824350	901-Lng-C-T	104	chr8:70824250-70824350
chr8	70830450	70830550	1065-Lng-B-T	43	chr8:70830450-70830550
chr8	70837050	70837150	901-Lng-B-T	135	chr8:70837050-70837150

Table S2: SB Insertion regions

chr8	70866250	70866350	1065-Lng-A-T	88	chr8:70866250-70866350
chr8	70970250	70970350	901-Lng-C-T	210	chr8:70970250-70970350
chr8	70973750	70973850	901-Lng-B-T	135	chr8:70973750-70973850
chr8	70987250	70987350	901-Lng-C-T	164	chr8:70987250-70987350
chr8	71107750	71107850	1152-Lng-A-T	70	chr8:71107750-71107850
chr8	71157350	71157450	1065-Lng-B-T	59	chr8:71157350-71157450
chr8	71259550	71259650	1223-Lng-B-T	189	chr8:71259550-71259650
chr8	71552350	71552450	1090-Lng-A-T	67	chr8:71552350-71552450
chr8	71567350	71567450	1090-Lng-B-T	736	chr8:71567350-71567450
chr8	71575150	71575250	1004-Lng-A-T	1040	chr8:71575150-71575250
chr8	71633150	71633250	1188-Lng-A-T	65	chr8:71633150-71633250
chr8	71649550	71649650	1274-Lng-A-T	127	chr8:71649550-71649650
chr8	71679450	71679550	1004-Lng-A-T	269	chr8:71679450-71679550
chr8	71707550	71707650	901-Lng-C-T	79	chr8:71707550-71707650
chr8	71850050	71850150	1223-Lng-B-T	41	chr8:71850050-71850150
chr8	71891950	71892050	1065-Lng-B-T	223	chr8:71891950-71892050
chr8	71897150	71897250	1065-Lng-A-T	73	chr8:71897150-71897250
chr8	71900250	71900350	1065-Lng-B-T	58	chr8:71900250-71900350
chr8	72107750	72107850	1065-Lng-A-T	49	chr8:72107750-72107850
chr8	72139450	72139550	1223-Lng-D-T	47	chr8:72139450-72139550
chr8	72295750	72295850	1065-Lng-A-T	47	chr8:72295750-72295850
chr8	72415750	72415850	1188-Lng-A-T	301	chr8:72415750-72415850
chr8	72482350	72482450	1274-Lng-A-T	81	chr8:72482350-72482450
chr8	72491150	72491250	1152-Lng-A-T	66	chr8:72491150-72491250
chr8	72503350	72503450	1100-Lng-A-T	175	chr8:72503350-72503450
chr8	72536550	72536650	1065-Lng-A-T	50	chr8:72536550-72536650
chr8	72547150	72547250	1274-Lng-A-T	92	chr8:72547150-72547250
chr8	72577650	72577750	901-Lng-C-T	50	chr8:72577650-72577750
chr8	72579350	72579450	1274-Lng-A-T	98	chr8:72579350-72579450
chr8	72700450	72700550	901-Lng-D-T	37	chr8:72700450-72700550
chr8	72707350	72707450	1065-Lng-B-T	113	chr8:72707350-72707450
chr8	72745050	72745150	1065-Lng-B-T	67	chr8:72745050-72745150
chr8	72761550	72761650	1065-Lng-A-T	44	chr8:72761550-72761650
chr8	72830750	72830850	1100-Lng-A-T	75	chr8:72830750-72830850
chr8	72915550	72915650	1223-Lng-A-T	712	chr8:72915550-72915650
chr8	72966550	72966650	901-Lng-B-T	68	chr8:72966550-72966650
chr8	72982650	72982750	1065-Lng-C-T	115	chr8:72982650-72982750
chr8	73048550	73048650	1167-Lng-A-T	59	chr8:73048550-73048650
chr8	73069950	73070050	1274-Lng-A-T	98	chr8:73069950-73070050
chr8	73164550	73164650	1090-Lng-A-T	59	chr8:73164550-73164650
chr8	73199750	73199850	1223-Lng-B-T	34	chr8:73199750-73199850
chr8	73525650	73525750	1223-Lng-C-T	539	chr8:73525650-73525750
chr8	73870850	73870950	1065-Lng-A-T	55	chr8:73870850-73870950
chr8	73891450	73891550	1004-Lng-A-T	563	chr8:73891450-73891550
chr8	74007950	74008050	846-Lng-A-T	55	chr8:74007950-74008050
chr8	74677250	74677350	1151-Lng-A-T	221	chr8:74677250-74677350

Table S2: SB Insertion regions

chr8	74831250	74831350	1151-Lng-A-T	63	chr8:74831250-74831350
chr8	74834950	74835050	901-Lng-A-T	105	chr8:74834950-74835050
chr8	74889550	74889650	1274-Lng-A-T	61	chr8:74889550-74889650
chr8	74895050	74895150	901-Lng-C-T	43	chr8:74895050-74895150
chr8	75004250	75004350	1072-Lng-A-T	196	chr8:75004250-75004350
chr8	75027450	75027550	1223-Lng-B-T	48	chr8:75027450-75027550
chr8	75052350	75052450	1004-Lng-A-T	93	chr8:75052350-75052450
chr8	75068050	75068150	1004-Lng-A-T	330	chr8:75068050-75068150
chr8	75076050	75076150	901-Lng-D-T	74	chr8:75076050-75076150
chr8	75090550	75090650	1274-Lng-A-T	128	chr8:75090550-75090650
chr8	75228450	75228550	1223-Lng-A-T	456	chr8:75228450-75228550
chr8	75257450	75257550	1100-Lng-A-T	482	chr8:75257450-75257550
chr8	75305350	75305450	1004-Lng-A-T	55	chr8:75305350-75305450
chr8	75446550	75446650	901-Lng-B-T	192	chr8:75446550-75446650
chr8	75473050	75473150	846-Lng-A-T	86	chr8:75473050-75473150
chr8	75718350	75718450	901-Lng-C-T	56	chr8:75718350-75718450
chr8	75719150	75719250	1223-Lng-D-T	49	chr8:75719150-75719250
chr8	75823850	75823950	901-Lng-A-T	450	chr8:75823850-75823950
chr8	75829950	75830050	1065-Lng-B-T	54	chr8:75829950-75830050
chr8	75832650	75832750	901-Lng-A-T	61	chr8:75832650-75832750
chr8	75836550	75836650	901-Lng-A-T	88	chr8:75836550-75836650
chr8	75847650	75847750	1152-Lng-A-T	109	chr8:75847650-75847750
chr8	75854850	75854950	1223-Lng-B-T	42	chr8:75854850-75854950
chr8	76119650	76119750	901-Lng-C-T	79	chr8:76119650-76119750
chr8	76216850	76216950	1223-Lng-B-T	284	chr8:76216850-76216950
chr8	76577450	76577550	1188-Lng-A-T	64	chr8:76577450-76577550
chr8	76708250	76708350	1065-Lng-B-T	40	chr8:76708250-76708350
chr8	76744050	76744150	901-Lng-D-T	248	chr8:76744050-76744150
chr8	76792250	76792350	901-Lng-A-T	82	chr8:76792250-76792350
chr8	76953550	76953650	1152-Lng-A-T	129	chr8:76953550-76953650
chr8	77006050	77006150	1072-Lng-A-T	73	chr8:77006050-77006150
chr8	77305950	77306050	1152-Lng-A-T	80	chr8:77305950-77306050
chr8	77514350	77514450	1274-Lng-A-T	72	chr8:77514350-77514450
chr8	77530450	77530550	901-Lng-C-T	48	chr8:77530450-77530550
chr8	77561350	77561450	1072-Lng-A-T	64	chr8:77561350-77561450
chr8	77659950	77660050	1167-Lng-A-T	72	chr8:77659950-77660050
chr8	77895950	77896050	1072-Lng-A-T	83	chr8:77895950-77896050
chr8	77994250	77994350	901-Lng-A-T	120	chr8:77994250-77994350
chr8	78127350	78127450	1223-Lng-C-T	47	chr8:78127350-78127450
chr8	78337450	78337550	1004-Lng-A-T	75	chr8:78337450-78337550
chr8	78412550	78412650	1065-Lng-B-T	73	chr8:78412550-78412650
chr8	78555950	78556050	1100-Lng-A-T	54	chr8:78555950-78556050
chr8	78557650	78557750	901-Lng-C-T	272	chr8:78557650-78557750
chr8	78588050	78588150	1223-Lng-B-T	256	chr8:78588050-78588150
chr8	78629850	78629950	901-Lng-C-T	160	chr8:78629850-78629950
chr8	78652650	78652750	1223-Lng-A-T	155	chr8:78652650-78652750

Table S2: SB Insertion regions

chr8	79428950	79429050	1072-Lng-A-T	63	chr8:79428950-79429050
chr8	79472850	79472950	1090-Lng-B-T	256	chr8:79472850-79472950
chr8	79478250	79478350	901-Lng-A-T	104	chr8:79478250-79478350
chr8	79489750	79489850	1223-Lng-A-T	180	chr8:79489750-79489850
chr8	79490650	79490750	1223-Lng-C-T	81	chr8:79490650-79490750
chr8	79526250	79526350	846-Lng-A-T	67	chr8:79526250-79526350
chr8	79560350	79560450	1090-Lng-B-T	361	chr8:79560350-79560450
chr8	79580250	79580350	1065-Lng-C-T	64	chr8:79580250-79580350
chr8	79603750	79603850	1004-Lng-A-T	83	chr8:79603750-79603850
chr8	79641950	79642050	1090-Lng-A-T	62	chr8:79641950-79642050
chr8	79716850	79716950	1152-Lng-A-T	31	chr8:79716850-79716950
chr8	79739150	79739250	901-Lng-B-T	418	chr8:79739150-79739250
chr8	79851750	79851850	1167-Lng-A-T	59	chr8:79851750-79851850
chr8	79949050	79949150	1274-Lng-A-T	85	chr8:79949050-79949150
chr8	80013050	80013150	1188-Lng-A-T	127	chr8:80013050-80013150
chr8	80013050	80013150	901-Lng-B-T	80	chr8:80013050-80013150
chr8	80016550	80016650	1223-Lng-C-T	79	chr8:80016550-80016650
chr8	80708650	80708750	1090-Lng-A-T	70	chr8:80708650-80708750
chr8	80842150	80842250	1065-Lng-A-T	42	chr8:80842150-80842250
chr8	81028050	81028150	1090-Lng-A-T	453	chr8:81028050-81028150
chr8	81139950	81140050	901-Lng-C-T	44	chr8:81139950-81140050
chr8	81140750	81140850	901-Lng-A-T	73	chr8:81140750-81140850
chr8	81147350	81147450	1274-Lng-A-T	69	chr8:81147350-81147450
chr8	81167250	81167350	1004-Lng-A-T	78	chr8:81167250-81167350
chr8	81236250	81236350	1065-Lng-A-T	88	chr8:81236250-81236350
chr8	81332250	81332350	1065-Lng-B-T	77	chr8:81332250-81332350
chr8	81334750	81334850	1090-Lng-B-T	96	chr8:81334750-81334850
chr8	81385150	81385250	1065-Lng-C-T	84	chr8:81385150-81385250
chr8	81541950	81542050	1100-Lng-A-T	196	chr8:81541950-81542050
chr8	81773450	81773550	846-Lng-A-T	156	chr8:81773450-81773550
chr8	81785750	81785850	1065-Lng-B-T	46	chr8:81785750-81785850
chr8	81801150	81801250	1223-Lng-B-T	53	chr8:81801150-81801250
chr8	81807950	81808050	1072-Lng-A-T	51	chr8:81807950-81808050
chr8	82077750	82077850	1065-Lng-C-T	1060	chr8:82077750-82077850
chr8	82180250	82180350	901-Lng-D-T	535	chr8:82180250-82180350
chr8	82206050	82206150	1090-Lng-A-T	880	chr8:82206050-82206150
chr8	82250550	82250650	1223-Lng-A-T	676	chr8:82250550-82250650
chr8	82474450	82474550	1065-Lng-B-T	42	chr8:82474450-82474550
chr8	82516650	82516750	1004-Lng-A-T	98	chr8:82516650-82516750
chr8	82633750	82633850	1065-Lng-A-T	75	chr8:82633750-82633850
chr8	82945750	82945850	1167-Lng-A-T	55	chr8:82945750-82945850
chr8	83219750	83219850	901-Lng-C-T	51	chr8:83219750-83219850
chr8	83346950	83347050	1065-Lng-A-T	762	chr8:83346950-83347050
chr8	83364550	83364650	1274-Lng-A-T	99	chr8:83364550-83364650
chr8	83511950	83512050	1065-Lng-A-T	71	chr8:83511950-83512050
chr8	83553150	83553250	901-Lng-A-T	85	chr8:83553150-83553250

Table S2: SB Insertion regions

chr8	83687050	83687150	1004-Lng-A-T	76	chr8:83687050-83687150
chr8	83891350	83891450	901-Lng-C-T	35	chr8:83891350-83891450
chr8	84020250	84020350	901-Lng-A-T	105	chr8:84020250-84020350
chr8	84028450	84028550	1065-Lng-B-T	42	chr8:84028450-84028550
chr8	84141250	84141350	1100-Lng-A-T	127	chr8:84141250-84141350
chr8	84309150	84309250	1151-Lng-A-T	266	chr8:84309150-84309250
chr8	84384250	84384350	1223-Lng-B-T	37	chr8:84384250-84384350
chr8	84401850	84401950	1167-Lng-A-T	46	chr8:84401850-84401950
chr8	84414650	84414750	1065-Lng-A-T	49	chr8:84414650-84414750
chr8	84450550	84450650	1100-Lng-A-T	57	chr8:84450550-84450650
chr8	84791850	84791950	1151-Lng-A-T	68	chr8:84791850-84791950
chr8	84817750	84817850	1274-Lng-A-T	223	chr8:84817750-84817850
chr8	84821150	84821250	1072-Lng-A-T	68	chr8:84821150-84821250
chr8	84850150	84850250	1274-Lng-A-T	72	chr8:84850150-84850250
chr8	84976850	84976950	1188-Lng-A-T	49	chr8:84976850-84976950
chr8	85004950	85005050	1188-Lng-A-T	42	chr8:85004950-85005050
chr8	85187550	85187650	1223-Lng-B-T	46	chr8:85187550-85187650
chr8	85217150	85217250	1072-Lng-A-T	60	chr8:85217150-85217250
chr8	85476050	85476150	1065-Lng-A-T	67	chr8:85476050-85476150
chr8	85507750	85507850	1004-Lng-A-T	63	chr8:85507750-85507850
chr8	85726550	85726650	1223-Lng-B-T	44	chr8:85726550-85726650
chr8	85755750	85755850	901-Lng-B-T	39	chr8:85755750-85755850
chr8	86110750	86110850	1274-Lng-A-T	91	chr8:86110750-86110850
chr8	86126650	86126750	1274-Lng-A-T	171	chr8:86126650-86126750
chr8	86130550	86130650	901-Lng-B-T	54	chr8:86130550-86130650
chr8	86546050	86546150	901-Lng-B-T	242	chr8:86546050-86546150
chr8	86596950	86597050	1274-Lng-A-T	54	chr8:86596950-86597050
chr8	86713050	86713150	1004-Lng-A-T	85	chr8:86713050-86713150
chr8	86779950	86780050	1072-Lng-A-T	130	chr8:86779950-86780050
chr8	87198050	87198150	1100-Lng-A-T	64	chr8:87198050-87198150
chr8	87237250	87237350	1223-Lng-B-T	71	chr8:87237250-87237350
chr8	87252650	87252750	1090-Lng-A-T	66	chr8:87252650-87252750
chr8	87279850	87279950	1223-Lng-D-T	103	chr8:87279850-87279950
chr8	87280850	87280950	1167-Lng-A-T	92	chr8:87280850-87280950
chr8	87303650	87303750	1100-Lng-A-T	51	chr8:87303650-87303750
chr8	87328450	87328550	1065-Lng-A-T	84	chr8:87328450-87328550
chr8	87345850	87345950	1223-Lng-D-T	58	chr8:87345850-87345950
chr8	87552250	87552350	901-Lng-D-T	146	chr8:87552250-87552350
chr8	87602550	87602650	1188-Lng-A-T	40	chr8:87602550-87602650
chr8	87797850	87797950	1090-Lng-A-T	55	chr8:87797850-87797950
chr8	87810650	87810750	1065-Lng-C-T	131	chr8:87810650-87810750
chr8	87948550	87948650	1151-Lng-A-T	73	chr8:87948550-87948650
chr8	88018550	88018650	901-Lng-B-T	178	chr8:88018550-88018650
chr8	88069950	88070050	1072-Lng-A-T	97	chr8:88069950-88070050
chr8	88199550	88199650	901-Lng-B-T	274	chr8:88199550-88199650
chr8	88315350	88315450	901-Lng-A-T	98	chr8:88315350-88315450

Table S2: SB Insertion regions

chr8	88397650	88397750	901-Lng-B-T	110	chr8:88397650-88397750
chr8	88726550	88726650	1274-Lng-A-T	53	chr8:88726550-88726650
chr8	88732950	88733050	1065-Lng-B-T	96	chr8:88732950-88733050
chr8	88843150	88843250	1152-Lng-A-T	71	chr8:88843150-88843250
chr8	88855850	88855950	1151-Lng-A-T	62	chr8:88855850-88855950
chr8	89156750	89156850	1065-Lng-B-T	53	chr8:89156750-89156850
chr8	89191150	89191250	1223-Lng-C-T	54	chr8:89191150-89191250
chr8	89228850	89228950	1100-Lng-A-T	98	chr8:89228850-89228950
chr8	89232150	89232250	1065-Lng-B-T	47	chr8:89232150-89232250
chr8	89266550	89266650	1065-Lng-A-T	81	chr8:89266550-89266650
chr8	89314250	89314350	1072-Lng-A-T	81	chr8:89314250-89314350
chr8	89389450	89389550	1100-Lng-A-T	67	chr8:89389450-89389550
chr8	90120150	90120250	1151-Lng-A-T	55	chr8:90120150-90120250
chr8	90242450	90242550	1152-Lng-A-T	53	chr8:90242450-90242550
chr8	90437850	90437950	1090-Lng-B-T	93	chr8:90437850-90437950
chr8	90729650	90729750	1072-Lng-A-T	52	chr8:90729650-90729750
chr8	90730650	90730750	1090-Lng-A-T	92	chr8:90730650-90730750
chr8	90733550	90733650	901-Lng-C-T	57	chr8:90733550-90733650
chr8	90806150	90806250	901-Lng-B-T	113	chr8:90806150-90806250
chr8	90814250	90814350	1065-Lng-B-T	4341	chr8:90814250-90814350
chr8	90828850	90828950	1223-Lng-C-T	53	chr8:90828850-90828950
chr8	90953550	90953650	1274-Lng-A-T	57	chr8:90953550-90953650
chr8	91032950	91033050	1167-Lng-A-T	70	chr8:91032950-91033050
chr8	91137750	91137850	901-Lng-D-T	37	chr8:91137750-91137850
chr8	91229550	91229650	1151-Lng-A-T	69	chr8:91229550-91229650
chr8	91230350	91230450	1188-Lng-A-T	96	chr8:91230350-91230450
chr8	91419850	91419950	1223-Lng-A-T	80	chr8:91419850-91419950
chr8	91506250	91506350	1004-Lng-A-T	77	chr8:91506250-91506350
chr8	91868250	91868350	1004-Lng-A-T	69	chr8:91868250-91868350
chr8	92057150	92057250	846-Lng-A-T	221	chr8:92057150-92057250
chr8	92465550	92465650	901-Lng-A-T	105	chr8:92465550-92465650
chr8	92637450	92637550	1223-Lng-C-T	210	chr8:92637450-92637550
chr8	92672750	92672850	1065-Lng-C-T	103	chr8:92672750-92672850
chr8	92852150	92852250	1188-Lng-A-T	162	chr8:92852150-92852250
chr8	92857250	92857350	1072-Lng-A-T	197	chr8:92857250-92857350
chr8	92889750	92889850	901-Lng-A-T	106	chr8:92889750-92889850
chr8	92923450	92923550	901-Lng-A-T	78	chr8:92923450-92923550
chr8	93181150	93181250	901-Lng-C-T	28	chr8:93181150-93181250
chr8	93423250	93423350	1188-Lng-A-T	45	chr8:93423250-93423350
chr8	93466850	93466950	1223-Lng-D-T	76	chr8:93466850-93466950
chr8	93497150	93497250	1151-Lng-A-T	60	chr8:93497150-93497250
chr8	93508450	93508550	1274-Lng-A-T	51	chr8:93508450-93508550
chr8	93541850	93541950	1223-Lng-C-T	43	chr8:93541850-93541950
chr8	93926550	93926650	1223-Lng-B-T	46	chr8:93926550-93926650
chr8	93987850	93987950	1090-Lng-A-T	65	chr8:93987850-93987950
chr8	93989850	93989950	1004-Lng-A-T	58	chr8:93989850-93989950

Table S2: SB Insertion regions

chr8	94049050	94049150	1100-Lng-A-T	102	chr8:94049050-94049150
chr8	94065550	94065650	1004-Lng-A-T	61	chr8:94065550-94065650
chr8	94536450	94536550	1065-Lng-B-T	64	chr8:94536450-94536550
chr8	94563050	94563150	1188-Lng-A-T	34	chr8:94563050-94563150
chr8	94789350	94789450	1151-Lng-A-T	153	chr8:94789350-94789450
chr8	95048950	95049050	1167-Lng-A-T	61	chr8:95048950-95049050
chr8	95052950	95053050	1004-Lng-A-T	119	chr8:95052950-95053050
chr8	95411350	95411450	1151-Lng-A-T	185	chr8:95411350-95411450
chr8	95684150	95684250	901-Lng-D-T	115	chr8:95684150-95684250
chr8	95694350	95694450	901-Lng-A-T	430	chr8:95694350-95694450
chr8	95712750	95712850	1274-Lng-A-T	50	chr8:95712750-95712850
chr8	95717150	95717250	1151-Lng-A-T	124	chr8:95717150-95717250
chr8	95740450	95740550	1090-Lng-A-T	58	chr8:95740450-95740550
chr8	95857450	95857550	1223-Lng-B-T	36	chr8:95857450-95857550
chr8	95944650	95944750	1090-Lng-B-T	370	chr8:95944650-95944750
chr8	96205350	96205450	901-Lng-B-T	106	chr8:96205350-96205450
chr8	96376150	96376250	901-Lng-B-T	62	chr8:96376150-96376250
chr8	96503650	96503750	1152-Lng-A-T	67	chr8:96503650-96503750
chr8	96779050	96779150	1004-Lng-A-T	166	chr8:96779050-96779150
chr8	96833350	96833450	1100-Lng-A-T	52	chr8:96833350-96833450
chr8	97037350	97037450	1004-Lng-A-T	61	chr8:97037350-97037450
chr8	97167150	97167250	1065-Lng-C-T	3254	chr8:97167150-97167250
chr8	97195550	97195650	1100-Lng-A-T	79	chr8:97195550-97195650
chr8	97342950	97343050	1274-Lng-A-T	162	chr8:97342950-97343050
chr8	97542750	97542850	1274-Lng-A-T	72	chr8:97542750-97542850
chr8	97551650	97551750	1100-Lng-A-T	111	chr8:97551650-97551750
chr8	97574750	97574850	1090-Lng-A-T	65	chr8:97574750-97574850
chr8	97677750	97677850	1151-Lng-A-T	123	chr8:97677750-97677850
chr8	97847450	97847550	1151-Lng-A-T	63	chr8:97847450-97847550
chr8	97857150	97857250	901-Lng-D-T	77	chr8:97857150-97857250
chr8	97882750	97882850	1167-Lng-A-T	47	chr8:97882750-97882850
chr8	97991350	97991450	901-Lng-B-T	39	chr8:97991350-97991450
chr8	97997850	97997950	1065-Lng-B-T	52	chr8:97997850-97997950
chr8	98006650	98006750	1274-Lng-A-T	49	chr8:98006650-98006750
chr8	98009350	98009450	1152-Lng-A-T	146	chr8:98009350-98009450
chr8	98196050	98196150	1274-Lng-A-T	175	chr8:98196050-98196150
chr8	98241450	98241550	1065-Lng-A-T	112	chr8:98241450-98241550
chr8	98263450	98263550	1274-Lng-A-T	53	chr8:98263450-98263550
chr8	98285550	98285650	1152-Lng-A-T	91	chr8:98285550-98285650
chr8	98288250	98288350	901-Lng-D-T	214	chr8:98288250-98288350
chr8	98307850	98307950	1223-Lng-B-T	185	chr8:98307850-98307950
chr8	98310850	98310950	1065-Lng-B-T	76	chr8:98310850-98310950
chr8	98324350	98324450	1090-Lng-A-T	73	chr8:98324350-98324450
chr8	98327950	98328050	846-Lng-A-T	74	chr8:98327950-98328050
chr8	98434950	98435050	1151-Lng-A-T	221	chr8:98434950-98435050
chr8	98473550	98473650	1065-Lng-A-T	85	chr8:98473550-98473650

Table S2: SB Insertion regions

chr8	98749050	98749150	1065-Lng-A-T	34	chr8:98749050-98749150
chr8	98763350	98763450	1065-Lng-A-T	247	chr8:98763350-98763450
chr8	98837750	98837850	1152-Lng-A-T	40	chr8:98837750-98837850
chr8	98892850	98892950	1004-Lng-A-T	140	chr8:98892850-98892950
chr8	98938650	98938750	1188-Lng-A-T	35	chr8:98938650-98938750
chr8	99106350	99106450	1090-Lng-A-T	53	chr8:99106350-99106450
chr8	99308650	99308750	1152-Lng-A-T	148	chr8:99308650-99308750
chr8	99336650	99336750	846-Lng-A-T	180	chr8:99336650-99336750
chr8	99451750	99451850	1152-Lng-A-T	209	chr8:99451750-99451850
chr8	99551550	99551650	1223-Lng-A-T	121	chr8:99551550-99551650
chr8	99598750	99598850	1223-Lng-B-T	242	chr8:99598750-99598850
chr8	99782250	99782350	901-Lng-B-T	145	chr8:99782250-99782350
chr8	99906750	99906850	1223-Lng-A-T	182	chr8:99906750-99906850
chr8	100008650	100008750	1223-Lng-C-T	51	chr8:100008650-100008750
chr8	100049950	100050050	1223-Lng-D-T	46	chr8:100049950-100050050
chr8	100133450	100133550	1072-Lng-A-T	66	chr8:100133450-100133550
chr8	100293850	100293950	1223-Lng-B-T	277	chr8:100293850-100293950
chr8	100365950	100366050	1188-Lng-A-T	197	chr8:100365950-100366050
chr8	100466450	100466550	1188-Lng-A-T	124	chr8:100466450-100466550
chr8	100547450	100547550	1152-Lng-A-T	55	chr8:100547450-100547550
chr8	100627150	100627250	1065-Lng-A-T	44	chr8:100627150-100627250
chr8	100655550	100655650	1004-Lng-A-T	108	chr8:100655550-100655650
chr8	100834550	100834650	1274-Lng-A-T	125	chr8:100834550-100834650
chr8	101112350	101112450	901-Lng-C-T	81	chr8:101112350-101112450
chr8	101115150	101115250	901-Lng-B-T	160	chr8:101115150-101115250
chr8	101117550	101117650	1223-Lng-D-T	53	chr8:101117550-101117650
chr8	101201950	101202050	1065-Lng-A-T	75	chr8:101201950-101202050
chr8	101210450	101210550	846-Lng-A-T	1437	chr8:101210450-101210550
chr8	101273050	101273150	1223-Lng-A-T	202	chr8:101273050-101273150
chr8	101387550	101387650	1072-Lng-A-T	49	chr8:101387550-101387650
chr8	101520750	101520850	1100-Lng-B-T	62	chr8:101520750-101520850
chr8	101606150	101606250	1004-Lng-A-T	77	chr8:101606150-101606250
chr8	101611950	101612050	1188-Lng-A-T	271	chr8:101611950-101612050
chr8	101767250	101767350	1223-Lng-A-T	148	chr8:101767250-101767350
chr8	101788050	101788150	1223-Lng-C-T	55	chr8:101788050-101788150
chr8	101976550	101976650	1100-Lng-A-T	116	chr8:101976550-101976650
chr8	102174450	102174550	1152-Lng-A-T	116	chr8:102174450-102174550
chr8	102215050	102215150	1065-Lng-A-T	590	chr8:102215050-102215150
chr8	102363850	102363950	901-Lng-B-T	208	chr8:102363850-102363950
chr8	102380750	102380850	1100-Lng-A-T	94	chr8:102380750-102380850
chr8	102568750	102568850	1065-Lng-A-T	61	chr8:102568750-102568850
chr8	102717650	102717750	1065-Lng-B-T	86	chr8:102717650-102717750
chr8	102718550	102718650	846-Lng-A-T	102	chr8:102718550-102718650
chr8	102742750	102742850	1004-Lng-A-T	104	chr8:102742750-102742850
chr8	102805950	102806050	1152-Lng-A-T	424	chr8:102805950-102806050
chr8	102821850	102821950	1072-Lng-A-T	118	chr8:102821850-102821950

Table S2: SB Insertion regions

chr8	102855650	102855750	1152-Lng-A-T	161	chr8:102855650-102855750
chr8	102897550	102897650	1188-Lng-A-T	48	chr8:102897550-102897650
chr8	103001650	103001750	901-Lng-A-T	64	chr8:103001650-103001750
chr8	103034950	103035050	1090-Lng-A-T	776	chr8:103034950-103035050
chr8	103083750	103083850	1090-Lng-A-T	120	chr8:103083750-103083850
chr8	103121950	103122050	901-Lng-B-T	97	chr8:103121950-103122050
chr8	103222750	103222850	1065-Lng-B-T	69	chr8:103222750-103222850
chr8	103655950	103656050	1072-Lng-A-T	69	chr8:103655950-103656050
chr8	103747250	103747350	901-Lng-D-T	52	chr8:103747250-103747350
chr8	104024950	104025050	901-Lng-C-T	41	chr8:104024950-104025050
chr8	104053350	104053450	901-Lng-B-T	63	chr8:104053350-104053450
chr8	104053850	104053950	1188-Lng-A-T	248	chr8:104053850-104053950
chr8	104148750	104148850	1004-Lng-A-T	108	chr8:104148750-104148850
chr8	104187050	104187150	901-Lng-B-T	203	chr8:104187050-104187150
chr8	104333350	104333450	1065-Lng-C-T	64	chr8:104333350-104333450
chr8	104385550	104385650	901-Lng-C-T	65	chr8:104385550-104385650
chr8	104525150	104525250	1090-Lng-A-T	83	chr8:104525150-104525250
chr8	104567950	104568050	1152-Lng-A-T	187	chr8:104567950-104568050
chr8	104754850	104754950	901-Lng-C-T	59	chr8:104754850-104754950
chr8	104933750	104933850	901-Lng-C-T	122	chr8:104933750-104933850
chr8	105002450	105002550	1072-Lng-A-T	64	chr8:105002450-105002550
chr8	105037550	105037650	846-Lng-A-T	51	chr8:105037550-105037650
chr8	105072450	105072550	1065-Lng-B-T	46	chr8:105072450-105072550
chr8	105226350	105226450	1065-Lng-C-T	69	chr8:105226350-105226450
chr8	105566150	105566250	1065-Lng-C-T	73	chr8:105566150-105566250
chr8	106066750	106066850	1065-Lng-B-T	61	chr8:106066750-106066850
chr8	106217650	106217750	1090-Lng-A-T	133	chr8:106217650-106217750
chr8	106519350	106519450	1065-Lng-A-T	114	chr8:106519350-106519450
chr8	106868450	106868550	1151-Lng-A-T	352	chr8:106868450-106868550
chr8	106874550	106874650	901-Lng-A-T	512	chr8:106874550-106874650
chr8	107057450	107057550	901-Lng-C-T	75	chr8:107057450-107057550
chr8	107091050	107091150	901-Lng-A-T	349	chr8:107091050-107091150
chr8	107132950	107133050	1223-Lng-B-T	171	chr8:107132950-107133050
chr8	107538850	107538950	1100-Lng-A-T	61	chr8:107538850-107538950
chr8	107698450	107698550	901-Lng-D-T	113	chr8:107698450-107698550
chr8	107739650	107739750	1090-Lng-A-T	61	chr8:107739650-107739750
chr8	107751150	107751250	1065-Lng-C-T	143	chr8:107751150-107751250
chr8	107761450	107761550	1100-Lng-A-T	69	chr8:107761450-107761550
chr8	107764950	107765050	1188-Lng-A-T	45	chr8:107764950-107765050
chr8	107771050	107771150	1223-Lng-B-T	34	chr8:107771050-107771150
chr8	107847250	107847350	1100-Lng-A-T	205	chr8:107847250-107847350
chr8	107894550	107894650	846-Lng-A-T	52	chr8:107894550-107894650
chr8	108017350	108017450	1072-Lng-A-T	52	chr8:108017350-108017450
chr8	108052650	108052750	1065-Lng-A-T	99	chr8:108052650-108052750
chr8	108066150	108066250	1090-Lng-A-T	86	chr8:108066150-108066250
chr8	108085950	108086050	901-Lng-D-T	237	chr8:108085950-108086050

Table S2: SB Insertion regions

chr8	108099750	108099850	1223-Lng-A-T	201	chr8:108099750-108099850
chr8	108175550	108175650	1167-Lng-A-T	66	chr8:108175550-108175650
chr8	108202150	108202250	1223-Lng-A-T	598	chr8:108202150-108202250
chr8	108202150	108202250	1152-Lng-A-T	93	chr8:108202150-108202250
chr8	108267950	108268050	901-Lng-B-T	761	chr8:108267950-108268050
chr8	108329050	108329150	846-Lng-A-T	72	chr8:108329050-108329150
chr8	108335650	108335750	1167-Lng-A-T	50	chr8:108335650-108335750
chr8	108347150	108347250	901-Lng-D-T	354	chr8:108347150-108347250
chr8	108360450	108360550	1151-Lng-A-T	288	chr8:108360450-108360550
chr8	108731150	108731250	1100-Lng-A-T	81	chr8:108731150-108731250
chr8	109104350	109104450	1188-Lng-A-T	227	chr8:109104350-109104450
chr8	109138950	109139050	901-Lng-D-T	544	chr8:109138950-109139050
chr8	109140050	109140150	1223-Lng-D-T	41	chr8:109140050-109140150
chr8	109178150	109178250	901-Lng-B-T	187	chr8:109178150-109178250
chr8	109438450	109438550	1188-Lng-A-T	46	chr8:109438450-109438550
chr8	109486550	109486650	1274-Lng-A-T	97	chr8:109486550-109486650
chr8	109570250	109570350	1100-Lng-A-T	100	chr8:109570250-109570350
chr8	109579150	109579250	1065-Lng-C-T	75	chr8:109579150-109579250
chr8	109665450	109665550	901-Lng-C-T	118	chr8:109665450-109665550
chr8	109709850	109709950	1223-Lng-D-T	75	chr8:109709850-109709950
chr8	109810750	109810850	1065-Lng-A-T	69	chr8:109810750-109810850
chr8	109873350	109873450	846-Lng-A-T	44	chr8:109873350-109873450
chr8	109905450	109905550	1100-Lng-B-T	102	chr8:109905450-109905550
chr8	109983750	109983850	1274-Lng-A-T	1015	chr8:109983750-109983850
chr8	110498650	110498750	1065-Lng-B-T	73	chr8:110498650-110498750
chr8	110607450	110607550	1167-Lng-A-T	63	chr8:110607450-110607550
chr8	110747150	110747250	1100-Lng-A-T	135	chr8:110747150-110747250
chr8	110791950	110792050	1151-Lng-A-T	56	chr8:110791950-110792050
chr8	111232750	111232850	1188-Lng-A-T	41	chr8:111232750-111232850
chr8	111292450	111292550	1072-Lng-A-T	65	chr8:111292450-111292550
chr8	111293750	111293850	1065-Lng-A-T	67	chr8:111293750-111293850
chr8	111320950	111321050	1188-Lng-A-T	63	chr8:111320950-111321050
chr8	111325050	111325150	901-Lng-A-T	94	chr8:111325050-111325150
chr8	111351150	111351250	1004-Lng-A-T	154	chr8:111351150-111351250
chr8	111380050	111380150	1188-Lng-A-T	45	chr8:111380050-111380150
chr8	111413150	111413250	1152-Lng-A-T	127	chr8:111413150-111413250
chr8	111722950	111723050	901-Lng-B-T	204	chr8:111722950-111723050
chr8	111726950	111727050	1152-Lng-A-T	90	chr8:111726950-111727050
chr8	111863650	111863750	1072-Lng-A-T	68	chr8:111863650-111863750
chr8	111975850	111975950	1004-Lng-A-T	56	chr8:111975850-111975950
chr8	111994150	111994250	1072-Lng-A-T	85	chr8:111994150-111994250
chr8	112122150	112122250	1167-Lng-A-T	51	chr8:112122150-112122250
chr8	112174450	112174550	1090-Lng-A-T	166	chr8:112174450-112174550
chr8	112316250	112316350	1100-Lng-A-T	62	chr8:112316250-112316350
chr8	112355650	112355750	1065-Lng-C-T	1026	chr8:112355650-112355750
chr8	112360250	112360350	1065-Lng-A-T	102	chr8:112360250-112360350

Table S2: SB Insertion regions

chr8	112366950	112367050	1065-Lng-A-T	58	chr8:112366950-112367050
chr8	112381450	112381550	1188-Lng-A-T	335	chr8:112381450-112381550
chr8	112432350	112432450	1072-Lng-A-T	141	chr8:112432350-112432450
chr8	112475150	112475250	1004-Lng-A-T	106	chr8:112475150-112475250
chr8	112490750	112490850	901-Lng-B-T	122	chr8:112490750-112490850
chr8	112530150	112530250	901-Lng-C-T	34	chr8:112530150-112530250
chr8	112748250	112748350	901-Lng-B-T	38	chr8:112748250-112748350
chr8	112767750	112767850	901-Lng-C-T	51	chr8:112767750-112767850
chr8	112876950	112877050	1072-Lng-A-T	56	chr8:112876950-112877050
chr8	112878350	112878450	1065-Lng-A-T	114	chr8:112878350-112878450
chr8	113082250	113082350	901-Lng-B-T	112	chr8:113082250-113082350
chr8	113166750	113166850	1223-Lng-C-T	46	chr8:113166750-113166850
chr8	113204350	113204450	1004-Lng-A-T	69	chr8:113204350-113204450
chr8	113346950	113347050	1100-Lng-A-T	117	chr8:113346950-113347050
chr8	113351850	113351950	901-Lng-C-T	84	chr8:113351850-113351950
chr8	113361150	113361250	1223-Lng-A-T	102	chr8:113361150-113361250
chr8	113364150	113364250	1274-Lng-A-T	67	chr8:113364150-113364250
chr8	113384650	113384750	1223-Lng-A-T	56	chr8:113384650-113384750
chr8	113467550	113467650	1004-Lng-A-T	93	chr8:113467550-113467650
chr8	113633250	113633350	901-Lng-A-T	75	chr8:113633250-113633350
chr8	113663250	113663350	1152-Lng-A-T	66	chr8:113663250-113663350
chr8	113674450	113674550	1167-Lng-A-T	134	chr8:113674450-113674550
chr8	113705550	113705650	1274-Lng-A-T	89	chr8:113705550-113705650
chr8	113715150	113715250	901-Lng-B-T	286	chr8:113715150-113715250
chr8	113776750	113776850	1188-Lng-A-T	79	chr8:113776750-113776850
chr8	113809550	113809650	1223-Lng-B-T	95	chr8:113809550-113809650
chr8	113825850	113825950	1065-Lng-B-T	53	chr8:113825850-113825950
chr8	113968550	113968650	901-Lng-C-T	88	chr8:113968550-113968650
chr8	114260950	114261050	1072-Lng-A-T	147	chr8:114260950-114261050
chr8	114316550	114316650	901-Lng-A-T	302	chr8:114316550-114316650
chr8	114354550	114354650	1223-Lng-B-T	39	chr8:114354550-114354650
chr8	114431750	114431850	1100-Lng-B-T	51	chr8:114431750-114431850
chr8	114498950	114499050	901-Lng-D-T	148	chr8:114498950-114499050
chr8	114807650	114807750	1065-Lng-B-T	49	chr8:114807650-114807750
chr8	114841150	114841250	846-Lng-A-T	96	chr8:114841150-114841250
chr8	114926250	114926350	1072-Lng-A-T	150	chr8:114926250-114926350
chr8	115228550	115228650	1151-Lng-A-T	63	chr8:115228550-115228650
chr8	115694350	115694450	846-Lng-A-T	52	chr8:115694350-115694450
chr8	115739850	115739950	1223-Lng-C-T	46	chr8:115739850-115739950
chr8	116148250	116148350	1065-Lng-B-T	51	chr8:116148250-116148350
chr8	116433850	116433950	1223-Lng-D-T	43	chr8:116433850-116433950
chr8	117101650	117101750	1167-Lng-A-T	108	chr8:117101650-117101750
chr8	117138050	117138150	1065-Lng-A-T	42	chr8:117138050-117138150
chr8	117157150	117157250	1090-Lng-B-T	390	chr8:117157150-117157250
chr8	117308050	117308150	846-Lng-A-T	138	chr8:117308050-117308150
chr8	117446450	117446550	1100-Lng-A-T	128	chr8:117446450-117446550

Table S2: SB Insertion regions

chr8	117522650	117522750	1004-Lng-A-T	568	chr8:117522650-117522750
chr8	117665650	117665750	1065-Lng-C-T	102	chr8:117665650-117665750
chr8	117693850	117693950	1151-Lng-A-T	315	chr8:117693850-117693950
chr8	117929850	117929950	1090-Lng-B-T	343	chr8:117929850-117929950
chr8	117991250	117991350	1004-Lng-A-T	50	chr8:117991250-117991350
chr8	118143850	118143950	1152-Lng-A-T	113	chr8:118143850-118143950
chr8	119078150	119078250	901-Lng-B-T	64	chr8:119078150-119078250
chr8	119110850	119110950	1100-Lng-A-T	103	chr8:119110850-119110950
chr8	119132250	119132350	1223-Lng-A-T	67	chr8:119132250-119132350
chr8	119160750	119160850	1100-Lng-A-T	118	chr8:119160750-119160850
chr8	119181050	119181150	1004-Lng-A-T	797	chr8:119181050-119181150
chr8	119516550	119516650	901-Lng-D-T	92	chr8:119516550-119516650
chr8	119682850	119682950	1065-Lng-B-T	94	chr8:119682850-119682950
chr8	119701050	119701150	901-Lng-B-T	170	chr8:119701050-119701150
chr8	119822550	119822650	1151-Lng-A-T	467	chr8:119822550-119822650
chr8	119875050	119875150	901-Lng-C-T	59	chr8:119875050-119875150
chr8	119961250	119961350	901-Lng-A-T	55	chr8:119961250-119961350
chr8	119974650	119974750	1152-Lng-A-T	56	chr8:119974650-119974750
chr8	119982150	119982250	1274-Lng-A-T	60	chr8:119982150-119982250
chr8	120026150	120026250	1188-Lng-A-T	190	chr8:120026150-120026250
chr8	120042350	120042450	1065-Lng-B-T	58	chr8:120042350-120042450
chr8	120323950	120324050	1274-Lng-A-T	258	chr8:120323950-120324050
chr8	120366550	120366650	1065-Lng-B-T	51	chr8:120366550-120366650
chr8	120385650	120385750	1188-Lng-A-T	105	chr8:120385650-120385750
chr8	120600350	120600450	846-Lng-A-T	65	chr8:120600350-120600450
chr8	120749950	120750050	901-Lng-C-T	37	chr8:120749950-120750050
chr8	120881150	120881250	1167-Lng-A-T	105	chr8:120881150-120881250
chr8	120896150	120896250	901-Lng-A-T	133	chr8:120896150-120896250
chr8	121056350	121056450	1152-Lng-A-T	684	chr8:121056350-121056450
chr8	121064950	121065050	1223-Lng-B-T	162	chr8:121064950-121065050
chr8	121295850	121295950	901-Lng-C-T	39	chr8:121295850-121295950
chr8	121750850	121750950	1100-Lng-B-T	52	chr8:121750850-121750950
chr8	121912950	121913050	901-Lng-D-T	253	chr8:121912950-121913050
chr8	121950350	121950450	1072-Lng-A-T	227	chr8:121950350-121950450
chr8	122039250	122039350	1152-Lng-A-T	73	chr8:122039250-122039350
chr8	122066450	122066550	1004-Lng-A-T	60	chr8:122066450-122066550
chr8	122114750	122114850	1072-Lng-A-T	182	chr8:122114750-122114850
chr8	122245350	122245450	1072-Lng-A-T	66	chr8:122245350-122245450
chr8	122464050	122464150	1188-Lng-A-T	45	chr8:122464050-122464150
chr8	122759050	122759150	1274-Lng-A-T	112	chr8:122759050-122759150
chr8	122951450	122951550	1065-Lng-A-T	65	chr8:122951450-122951550
chr8	122976250	122976350	1065-Lng-B-T	75	chr8:122976250-122976350
chr8	123127550	123127650	1072-Lng-A-T	84	chr8:123127550-123127650
chr8	123942050	123942150	1072-Lng-A-T	49	chr8:123942050-123942150
chr8	124148750	124148850	901-Lng-A-T	105	chr8:124148750-124148850
chr8	124452750	124452850	1151-Lng-A-T	332	chr8:124452750-124452850

Table S2: SB Insertion regions

chr8	124701250	124701350	1151-Lng-A-T	270	chr8:124701250-124701350
chr8	124725750	124725850	1004-Lng-A-T	71	chr8:124725750-124725850
chr8	124879450	124879550	1151-Lng-A-T	56	chr8:124879450-124879550
chr8	124995650	124995750	1100-Lng-A-T	87	chr8:124995650-124995750
chr8	125065750	125065850	1274-Lng-A-T	55	chr8:125065750-125065850
chr8	125100150	125100250	1151-Lng-A-T	80	chr8:125100150-125100250
chr8	125397350	125397450	1274-Lng-A-T	165	chr8:125397350-125397450
chr8	125449550	125449650	1223-Lng-A-T	141	chr8:125449550-125449650
chr8	125469250	125469350	1167-Lng-A-T	68	chr8:125469250-125469350
chr8	125542150	125542250	1065-Lng-C-T	101	chr8:125542150-125542250
chr8	125543750	125543850	1152-Lng-A-T	171	chr8:125543750-125543850
chr8	125752450	125752550	901-Lng-B-T	70	chr8:125752450-125752550
chr8	125862050	125862150	1188-Lng-A-T	66	chr8:125862050-125862150
chr8	125992950	125993050	1072-Lng-A-T	272	chr8:125992950-125993050
chr8	126524450	126524550	1100-Lng-A-T	93	chr8:126524450-126524550
chr8	126671450	126671550	1065-Lng-C-T	83	chr8:126671450-126671550
chr8	126687350	126687450	1065-Lng-B-T	43	chr8:126687350-126687450
chr8	126787750	126787850	1100-Lng-A-T	126	chr8:126787750-126787850
chr8	127178650	127178750	1274-Lng-A-T	91	chr8:127178650-127178750
chr8	127251650	127251750	1065-Lng-A-T	63	chr8:127251650-127251750
chr8	127382350	127382450	1152-Lng-A-T	125	chr8:127382350-127382450
chr8	127407550	127407650	1167-Lng-A-T	83	chr8:127407550-127407650
chr8	127428650	127428750	1065-Lng-B-T	49	chr8:127428650-127428750
chr8	127457250	127457350	1100-Lng-A-T	81	chr8:127457250-127457350
chr8	127461150	127461250	1188-Lng-A-T	55	chr8:127461150-127461250
chr8	127534950	127535050	1274-Lng-A-T	51	chr8:127534950-127535050
chr8	128027250	128027350	846-Lng-A-T	141	chr8:128027250-128027350
chr8	128067750	128067850	1004-Lng-A-T	74	chr8:128067750-128067850
chr8	128293050	128293150	1223-Lng-D-T	44	chr8:128293050-128293150
chr8	128331150	128331250	1167-Lng-A-T	74	chr8:128331150-128331250
chr8	128550450	128550550	1065-Lng-B-T	40	chr8:128550450-128550550
chr8	129130050	129130150	1090-Lng-B-T	178	chr8:129130050-129130150
chr8	129160950	129161050	1065-Lng-A-T	66	chr8:129160950-129161050
chr8	129213850	129213950	1072-Lng-A-T	54	chr8:129213850-129213950
chr8	129301450	129301550	901-Lng-C-T	45	chr8:129301450-129301550
chr8	129472750	129472850	1274-Lng-A-T	83	chr8:129472750-129472850
chr8	129583450	129583550	1065-Lng-C-T	65	chr8:129583450-129583550
chr8	129591650	129591750	1151-Lng-A-T	70	chr8:129591650-129591750
chr8	129621750	129621850	1065-Lng-B-T	67	chr8:129621750-129621850
chr8	129697350	129697450	1065-Lng-B-T	102	chr8:129697350-129697450
chr8	129736650	129736750	1065-Lng-B-T	66	chr8:129736650-129736750
chr8	129743650	129743750	1065-Lng-B-T	63	chr8:129743650-129743750
chr8	129745850	129745950	1274-Lng-A-T	49	chr8:129745850-129745950
chr8	129793550	129793650	1090-Lng-A-T	122	chr8:129793550-129793650
chr8	129800750	129800850	1065-Lng-A-T	117	chr8:129800750-129800850
chr8	129811450	129811550	1072-Lng-A-T	48	chr8:129811450-129811550

Table S2: SB Insertion regions

chr8	129831050	129831150	1065-Lng-B-T	122	chr8:129831050-129831150
chr8	129861050	129861150	1065-Lng-B-T	63	chr8:129861050-129861150
chr8	129878850	129878950	1151-Lng-A-T	207	chr8:129878850-129878950
chr8	129958650	129958750	1072-Lng-A-T	50	chr8:129958650-129958750
chr8	129976150	129976250	1223-Lng-D-T	42	chr8:129976150-129976250
chr8	130096050	130096150	1065-Lng-A-T	263	chr8:130096050-130096150
chr8	130102450	130102550	1065-Lng-C-T	61	chr8:130102450-130102550
chr8	130103950	130104050	1274-Lng-A-T	71	chr8:130103950-130104050
chr8	130108950	130109050	1065-Lng-B-T	42	chr8:130108950-130109050
chr8	130255450	130255550	1274-Lng-A-T	147	chr8:130255450-130255550
chr8	130721050	130721150	1072-Lng-A-T	60	chr8:130721050-130721150
chr8	130864350	130864450	901-Lng-B-T	274	chr8:130864350-130864450
chr8	130895550	130895650	1004-Lng-A-T	95	chr8:130895550-130895650
chr8	130920550	130920650	1188-Lng-A-T	66	chr8:130920550-130920650
chr8	130928550	130928650	1100-Lng-A-T	134	chr8:130928550-130928650
chr8	130938050	130938150	1151-Lng-A-T	183	chr8:130938050-130938150
chr8	130993450	130993550	1223-Lng-C-T	49	chr8:130993450-130993550
chr8	131013950	131014050	901-Lng-C-T	179	chr8:131013950-131014050
chr8	131114550	131114650	901-Lng-D-T	532	chr8:131114550-131114650
chr8	131125350	131125450	1152-Lng-A-T	45	chr8:131125350-131125450
chr8	131210550	131210650	1065-Lng-B-T	50	chr8:131210550-131210650
chr8	131223350	131223450	1152-Lng-A-T	86	chr8:131223350-131223450
chr8	131236450	131236550	1274-Lng-A-T	56	chr8:131236450-131236550
chr8	131258750	131258850	901-Lng-A-T	84	chr8:131258750-131258850
chr9	3000050	3000150	901-Lng-C-T	46	chr9:3000050-3000150
chr9	3001050	3001150	1004-Lng-A-T	81	chr9:3001050-3001150
chr9	3001050	3001150	1065-Lng-B-T	60	chr9:3001050-3001150
chr9	3015250	3015350	1065-Lng-A-T	53	chr9:3015250-3015350
chr9	3015250	3015350	1065-Lng-B-T	73	chr9:3015250-3015350
chr9	3015250	3015350	1065-Lng-B-T	39	chr9:3015250-3015350
chr9	3022450	3022550	901-Lng-C-T	38	chr9:3022450-3022550
chr9	3025450	3025550	901-Lng-A-T	66	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-B-T	129	chr9:3025450-3025550
chr9	3025450	3025550	846-Lng-A-T	57	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-C-T	108	chr9:3025450-3025550
chr9	3025450	3025550	1188-Lng-A-T	45	chr9:3025450-3025550
chr9	3025450	3025550	1090-Lng-A-T	212	chr9:3025450-3025550
chr9	3025450	3025550	901-Lng-C-T	42	chr9:3025450-3025550
chr9	3025450	3025550	1004-Lng-A-T	629	chr9:3025450-3025550
chr9	3025450	3025550	1072-Lng-A-T	66	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-A-T	176	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-B-T	372	chr9:3025450-3025550
chr9	3025450	3025550	901-Lng-B-T	185	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-C-T	273	chr9:3025450-3025550
chr9	3025450	3025550	1090-Lng-A-T	83	chr9:3025450-3025550
chr9	3025450	3025550	901-Lng-C-T	50	chr9:3025450-3025550

Table S2: SB Insertion regions

chr9	3025450	3025550	1004-Lng-A-T	81	chr9:3025450-3025550
chr9	3025450	3025550	1072-Lng-A-T	143	chr9:3025450-3025550
chr9	3025450	3025550	1065-Lng-A-T	139	chr9:3025450-3025550
chr9	3027050	3027150	846-Lng-A-T	95	chr9:3027050-3027150
chr9	3027150	3027250	901-Lng-B-T	134	chr9:3027150-3027250
chr9	3027750	3027850	1004-Lng-A-T	105	chr9:3027750-3027850
chr9	3030150	3030250	1004-Lng-A-T	90	chr9:3030150-3030250
chr9	3031950	3032050	901-Lng-B-T	83	chr9:3031950-3032050
chr9	3035750	3035850	846-Lng-A-T	45	chr9:3035750-3035850
chr9	3035850	3035950	901-Lng-C-T	76	chr9:3035850-3035950
chr9	3036050	3036150	901-Lng-B-T	128	chr9:3036050-3036150
chr9	3036050	3036150	1223-Lng-C-T	57	chr9:3036050-3036150
chr9	3036550	3036650	1065-Lng-C-T	103	chr9:3036550-3036650
chr9	3036550	3036650	1072-Lng-A-T	54	chr9:3036550-3036650
chr9	3134450	3134550	1090-Lng-B-T	557	chr9:3134450-3134550
chr9	3312750	3312850	1065-Lng-A-T	84	chr9:3312750-3312850
chr9	3586550	3586650	1223-Lng-A-T	713	chr9:3586550-3586650
chr9	3696050	3696150	1151-Lng-A-T	56	chr9:3696050-3696150
chr9	3716150	3716250	1065-Lng-A-T	46	chr9:3716150-3716250
chr9	3739250	3739350	1090-Lng-B-T	65	chr9:3739250-3739350
chr9	4012750	4012850	1152-Lng-A-T	105	chr9:4012750-4012850
chr9	4030950	4031050	1090-Lng-B-T	237	chr9:4030950-4031050
chr9	4648750	4648850	1152-Lng-A-T	182	chr9:4648750-4648850
chr9	4749450	4749550	1065-Lng-B-T	59	chr9:4749450-4749550
chr9	4753050	4753150	1065-Lng-A-T	88	chr9:4753050-4753150
chr9	4827550	4827650	1167-Lng-A-T	57	chr9:4827550-4827650
chr9	4889450	4889550	1167-Lng-A-T	48	chr9:4889450-4889550
chr9	5323250	5323350	1223-Lng-C-T	62	chr9:5323250-5323350
chr9	5464350	5464450	1152-Lng-A-T	48	chr9:5464350-5464450
chr9	5558350	5558450	1152-Lng-A-T	235	chr9:5558350-5558450
chr9	5913950	5914050	1065-Lng-C-T	74	chr9:5913950-5914050
chr9	6042250	6042350	901-Lng-A-T	124	chr9:6042250-6042350
chr9	6068550	6068650	901-Lng-B-T	66	chr9:6068550-6068650
chr9	6303450	6303550	901-Lng-A-T	644	chr9:6303450-6303550
chr9	6385850	6385950	1223-Lng-B-T	300	chr9:6385850-6385950
chr9	6614050	6614150	1188-Lng-A-T	81	chr9:6614050-6614150
chr9	6848550	6848650	1004-Lng-A-T	51	chr9:6848550-6848650
chr9	6982350	6982450	901-Lng-B-T	260	chr9:6982350-6982450
chr9	7177150	7177250	1090-Lng-A-T	66	chr9:7177150-7177250
chr9	7186350	7186450	1065-Lng-B-T	97	chr9:7186350-7186450
chr9	7191650	7191750	1100-Lng-A-T	79	chr9:7191650-7191750
chr9	7208150	7208250	1223-Lng-C-T	110	chr9:7208150-7208250
chr9	7431650	7431750	1004-Lng-A-T	137	chr9:7431650-7431750
chr9	7580050	7580150	1188-Lng-A-T	35	chr9:7580050-7580150
chr9	7598350	7598450	1065-Lng-B-T	47	chr9:7598350-7598450
chr9	7660050	7660150	901-Lng-A-T	101	chr9:7660050-7660150

Table S2: SB Insertion regions

chr9	7794350	7794450	1188-Lng-A-T	97	chr9:7794350-7794450
chr9	7820750	7820850	1004-Lng-A-T	62	chr9:7820750-7820850
chr9	7928750	7928850	1004-Lng-A-T	49	chr9:7928750-7928850
chr9	7929250	7929350	1188-Lng-A-T	295	chr9:7929250-7929350
chr9	7969350	7969450	901-Lng-A-T	63	chr9:7969350-7969450
chr9	7977850	7977950	1152-Lng-A-T	85	chr9:7977850-7977950
chr9	7979450	7979550	1065-Lng-A-T	46	chr9:7979450-7979550
chr9	8034550	8034650	1274-Lng-A-T	245	chr9:8034550-8034650
chr9	8154350	8154450	901-Lng-B-T	425	chr9:8154350-8154450
chr9	8226750	8226850	1223-Lng-C-T	54	chr9:8226750-8226850
chr9	8421850	8421950	1004-Lng-A-T	91	chr9:8421850-8421950
chr9	8526850	8526950	1004-Lng-A-T	53	chr9:8526850-8526950
chr9	8534950	8535050	901-Lng-B-T	35	chr9:8534950-8535050
chr9	8585450	8585550	1223-Lng-B-T	37	chr9:8585450-8585550
chr9	8675250	8675350	1152-Lng-A-T	67	chr9:8675250-8675350
chr9	8964850	8964950	1223-Lng-C-T	46	chr9:8964850-8964950
chr9	8993650	8993750	1004-Lng-A-T	120	chr9:8993650-8993750
chr9	9177750	9177850	1188-Lng-A-T	69	chr9:9177750-9177850
chr9	9178450	9178550	1152-Lng-A-T	204	chr9:9178450-9178550
chr9	9269750	9269850	1152-Lng-A-T	219	chr9:9269750-9269850
chr9	9534050	9534150	901-Lng-C-T	34	chr9:9534050-9534150
chr9	9614850	9614950	1274-Lng-A-T	71	chr9:9614850-9614950
chr9	10116850	10116950	1090-Lng-B-T	293	chr9:10116850-10116950
chr9	10140250	10140350	1065-Lng-A-T	120	chr9:10140250-10140350
chr9	10247650	10247750	1223-Lng-B-T	41	chr9:10247650-10247750
chr9	10311950	10312050	1065-Lng-B-T	79	chr9:10311950-10312050
chr9	10381150	10381250	1223-Lng-B-T	48	chr9:10381150-10381250
chr9	10473850	10473950	1065-Lng-B-T	64	chr9:10473850-10473950
chr9	10482750	10482850	901-Lng-D-T	37	chr9:10482750-10482850
chr9	10538350	10538450	1274-Lng-A-T	61	chr9:10538350-10538450
chr9	10632450	10632550	901-Lng-B-T	73	chr9:10632450-10632550
chr9	10892550	10892650	1152-Lng-A-T	113	chr9:10892550-10892650
chr9	11200150	11200250	846-Lng-A-T	91	chr9:11200150-11200250
chr9	11249950	11250050	1152-Lng-A-T	39	chr9:11249950-11250050
chr9	11326750	11326850	1223-Lng-A-T	127	chr9:11326750-11326850
chr9	11383850	11383950	1223-Lng-D-T	53	chr9:11383850-11383950
chr9	11389950	11390050	1065-Lng-A-T	72	chr9:11389950-11390050
chr9	11397650	11397750	1274-Lng-A-T	50	chr9:11397650-11397750
chr9	11672850	11672950	1065-Lng-C-T	93	chr9:11672850-11672950
chr9	11833450	11833550	901-Lng-D-T	520	chr9:11833450-11833550
chr9	12062950	12063050	1152-Lng-A-T	90	chr9:12062950-12063050
chr9	12386750	12386850	1065-Lng-B-T	176	chr9:12386750-12386850
chr9	12574050	12574150	1167-Lng-A-T	53	chr9:12574050-12574150
chr9	12720250	12720350	1004-Lng-A-T	73	chr9:12720250-12720350
chr9	12787150	12787250	1065-Lng-B-T	56	chr9:12787150-12787250
chr9	13024050	13024150	1223-Lng-B-T	39	chr9:13024050-13024150

Table S2: SB Insertion regions

chr9	13091450	13091550	1065-Lng-C-T	76	chr9:13091450-13091550
chr9	13234650	13234750	1152-Lng-A-T	62	chr9:13234650-13234750
chr9	13265850	13265950	1151-Lng-A-T	54	chr9:13265850-13265950
chr9	13307450	13307550	901-Lng-A-T	403	chr9:13307450-13307550
chr9	13339250	13339350	1004-Lng-A-T	60	chr9:13339250-13339350
chr9	13361350	13361450	846-Lng-A-T	889	chr9:13361350-13361450
chr9	13386350	13386450	1223-Lng-A-T	66	chr9:13386350-13386450
chr9	13393750	13393850	901-Lng-D-T	302	chr9:13393750-13393850
chr9	13453150	13453250	901-Lng-C-T	44	chr9:13453150-13453250
chr9	13491550	13491650	901-Lng-C-T	56	chr9:13491550-13491650
chr9	13497650	13497750	846-Lng-A-T	94	chr9:13497650-13497750
chr9	13556050	13556150	1065-Lng-A-T	41	chr9:13556050-13556150
chr9	13627550	13627650	1223-Lng-C-T	43	chr9:13627550-13627650
chr9	13777350	13777450	1065-Lng-C-T	1193	chr9:13777350-13777450
chr9	13856150	13856250	1167-Lng-A-T	58	chr9:13856150-13856250
chr9	14092650	14092750	901-Lng-C-T	171	chr9:14092650-14092750
chr9	14095050	14095150	1152-Lng-A-T	83	chr9:14095050-14095150
chr9	14121150	14121250	1152-Lng-A-T	48	chr9:14121150-14121250
chr9	14134850	14134950	1274-Lng-A-T	170	chr9:14134850-14134950
chr9	14138850	14138950	901-Lng-C-T	97	chr9:14138850-14138950
chr9	14180150	14180250	901-Lng-D-T	218	chr9:14180150-14180250
chr9	14264550	14264650	901-Lng-B-T	67	chr9:14264550-14264650
chr9	14299850	14299950	1223-Lng-D-T	46	chr9:14299850-14299950
chr9	14327450	14327550	1274-Lng-A-T	59	chr9:14327450-14327550
chr9	14349450	14349550	1065-Lng-B-T	57	chr9:14349450-14349550
chr9	14480650	14480750	1274-Lng-A-T	61	chr9:14480650-14480750
chr9	14577650	14577750	1223-Lng-C-T	53	chr9:14577650-14577750
chr9	14620050	14620150	846-Lng-A-T	127	chr9:14620050-14620150
chr9	14663350	14663450	1151-Lng-A-T	58	chr9:14663350-14663450
chr9	14749250	14749350	1167-Lng-A-T	76	chr9:14749250-14749350
chr9	15433550	15433650	901-Lng-A-T	242	chr9:15433550-15433650
chr9	15606450	15606550	1065-Lng-A-T	137	chr9:15606450-15606550
chr9	15783950	15784050	1090-Lng-A-T	102	chr9:15783950-15784050
chr9	15799950	15800050	1065-Lng-A-T	103	chr9:15799950-15800050
chr9	15898350	15898450	1065-Lng-A-T	64	chr9:15898350-15898450
chr9	15987950	15988050	1151-Lng-A-T	289	chr9:15987950-15988050
chr9	16073450	16073550	846-Lng-A-T	1056	chr9:16073450-16073550
chr9	16096350	16096450	1223-Lng-B-T	188	chr9:16096350-16096450
chr9	16249850	16249950	846-Lng-A-T	149	chr9:16249850-16249950
chr9	16607550	16607650	1090-Lng-A-T	56	chr9:16607550-16607650
chr9	16732550	16732650	846-Lng-A-T	82	chr9:16732550-16732650
chr9	16758750	16758850	901-Lng-C-T	42	chr9:16758750-16758850
chr9	16899050	16899150	1090-Lng-B-T	647	chr9:16899050-16899150
chr9	17219750	17219850	1065-Lng-B-T	61	chr9:17219750-17219850
chr9	17319950	17320050	901-Lng-A-T	75	chr9:17319950-17320050
chr9	17426950	17427050	846-Lng-A-T	137	chr9:17426950-17427050

Table S2: SB Insertion regions

chr9	17675250	17675350	846-Lng-A-T	188	chr9:17675250-17675350
chr9	17764250	17764350	901-Lng-A-T	52	chr9:17764250-17764350
chr9	17879750	17879850	901-Lng-B-T	47	chr9:17879750-17879850
chr9	17884250	17884350	1167-Lng-A-T	89	chr9:17884250-17884350
chr9	18127450	18127550	901-Lng-B-T	79	chr9:18127450-18127550
chr9	18210950	18211050	1065-Lng-B-T	50	chr9:18210950-18211050
chr9	18465650	18465750	1223-Lng-D-T	55	chr9:18465650-18465750
chr9	18471650	18471750	901-Lng-C-T	164	chr9:18471650-18471750
chr9	18482650	18482750	1072-Lng-A-T	196	chr9:18482650-18482750
chr9	18678250	18678350	1152-Lng-A-T	84	chr9:18678250-18678350
chr9	18801850	18801950	1090-Lng-A-T	100	chr9:18801850-18801950
chr9	19140250	19140350	1072-Lng-A-T	48	chr9:19140250-19140350
chr9	19250650	19250750	1188-Lng-A-T	50	chr9:19250650-19250750
chr9	19345150	19345250	901-Lng-A-T	253	chr9:19345150-19345250
chr9	19431250	19431350	1223-Lng-B-T	201	chr9:19431250-19431350
chr9	19432650	19432750	1100-Lng-B-T	303	chr9:19432650-19432750
chr9	19436350	19436450	1065-Lng-A-T	58	chr9:19436350-19436450
chr9	19490750	19490850	1274-Lng-A-T	124	chr9:19490750-19490850
chr9	19497250	19497350	1072-Lng-A-T	56	chr9:19497250-19497350
chr9	19691450	19691550	1152-Lng-A-T	88	chr9:19691450-19691550
chr9	19753650	19753750	1188-Lng-A-T	47	chr9:19753650-19753750
chr9	19793350	19793450	1072-Lng-A-T	79	chr9:19793350-19793450
chr9	19864650	19864750	1065-Lng-C-T	66	chr9:19864650-19864750
chr9	20088850	20088950	1065-Lng-B-T	90	chr9:20088850-20088950
chr9	20120550	20120650	1065-Lng-C-T	64	chr9:20120550-20120650
chr9	20261850	20261950	1274-Lng-A-T	69	chr9:20261850-20261950
chr9	20309250	20309350	1223-Lng-C-T	55	chr9:20309250-20309350
chr9	20335450	20335550	1223-Lng-D-T	47	chr9:20335450-20335550
chr9	20389350	20389450	1274-Lng-A-T	164	chr9:20389350-20389450
chr9	20527550	20527650	901-Lng-A-T	393	chr9:20527550-20527650
chr9	20778850	20778950	901-Lng-B-T	295	chr9:20778850-20778950
chr9	20800950	20801050	1100-Lng-A-T	102	chr9:20800950-20801050
chr9	21191050	21191150	1188-Lng-A-T	118	chr9:21191050-21191150
chr9	21193250	21193350	1004-Lng-A-T	84	chr9:21193250-21193350
chr9	21193250	21193350	1072-Lng-A-T	120	chr9:21193250-21193350
chr9	21231250	21231350	1065-Lng-A-T	56	chr9:21231250-21231350
chr9	21294850	21294950	901-Lng-C-T	30	chr9:21294850-21294950
chr9	21380750	21380850	1152-Lng-A-T	54	chr9:21380750-21380850
chr9	21385350	21385450	1223-Lng-C-T	48	chr9:21385350-21385450
chr9	21428450	21428550	901-Lng-C-T	43	chr9:21428450-21428550
chr9	21434250	21434350	1065-Lng-B-T	45	chr9:21434250-21434350
chr9	21479850	21479950	1004-Lng-A-T	65	chr9:21479850-21479950
chr9	21484450	21484550	1065-Lng-B-T	413	chr9:21484450-21484550
chr9	21645150	21645250	1065-Lng-A-T	99	chr9:21645150-21645250
chr9	21826750	21826850	1274-Lng-A-T	72	chr9:21826750-21826850
chr9	22015350	22015450	846-Lng-A-T	176	chr9:22015350-22015450

Table S2: SB Insertion regions

chr9	22037250	22037350	1100-Lng-A-T	113	chr9:22037250-22037350
chr9	22047150	22047250	901-Lng-B-T	122	chr9:22047150-22047250
chr9	22400350	22400450	1065-Lng-B-T	57	chr9:22400350-22400450
chr9	22421350	22421450	1065-Lng-A-T	45	chr9:22421350-22421450
chr9	22465950	22466050	1065-Lng-C-T	230	chr9:22465950-22466050
chr9	22926950	22927050	1065-Lng-C-T	1215	chr9:22926950-22927050
chr9	22970550	22970650	1072-Lng-A-T	229	chr9:22970550-22970650
chr9	23002950	23003050	1090-Lng-A-T	68	chr9:23002950-23003050
chr9	23603950	23604050	1065-Lng-B-T	70	chr9:23603950-23604050
chr9	23929350	23929450	1152-Lng-A-T	32	chr9:23929350-23929450
chr9	23972050	23972150	846-Lng-A-T	189	chr9:23972050-23972150
chr9	24207550	24207650	1065-Lng-A-T	55	chr9:24207550-24207650
chr9	24346550	24346650	1065-Lng-C-T	96	chr9:24346550-24346650
chr9	24714050	24714150	1090-Lng-A-T	44	chr9:24714050-24714150
chr9	24773250	24773350	1151-Lng-A-T	91	chr9:24773250-24773350
chr9	24907350	24907450	1223-Lng-B-T	41	chr9:24907350-24907450
chr9	24920650	24920750	1223-Lng-B-T	217	chr9:24920650-24920750
chr9	24940650	24940750	1223-Lng-B-T	274	chr9:24940650-24940750
chr9	25074650	25074750	1223-Lng-C-T	147	chr9:25074650-25074750
chr9	25088950	25089050	1274-Lng-A-T	179	chr9:25088950-25089050
chr9	25094050	25094150	1223-Lng-B-T	149	chr9:25094050-25094150
chr9	25095850	25095950	1072-Lng-A-T	142	chr9:25095850-25095950
chr9	25099350	25099450	1065-Lng-B-T	72	chr9:25099350-25099450
chr9	25112050	25112150	1223-Lng-C-T	77	chr9:25112050-25112150
chr9	25112050	25112150	1004-Lng-A-T	91	chr9:25112050-25112150
chr9	25120050	25120150	1152-Lng-A-T	49	chr9:25120050-25120150
chr9	25472250	25472350	901-Lng-B-T	240	chr9:25472250-25472350
chr9	25539550	25539650	901-Lng-B-T	49	chr9:25539550-25539650
chr9	25874150	25874250	1152-Lng-A-T	88	chr9:25874150-25874250
chr9	26332150	26332250	1065-Lng-A-T	52	chr9:26332150-26332250
chr9	26580250	26580350	1090-Lng-A-T	165	chr9:26580250-26580350
chr9	26803450	26803550	1151-Lng-A-T	98	chr9:26803450-26803550
chr9	26833750	26833850	1065-Lng-B-T	43	chr9:26833750-26833850
chr9	27064750	27064850	1223-Lng-A-T	119	chr9:27064750-27064850
chr9	27241150	27241250	1065-Lng-B-T	43	chr9:27241150-27241250
chr9	27484850	27484950	1152-Lng-A-T	92	chr9:27484850-27484950
chr9	27570450	27570550	1065-Lng-A-T	83	chr9:27570450-27570550
chr9	27661350	27661450	1223-Lng-B-T	34	chr9:27661350-27661450
chr9	27716550	27716650	1065-Lng-B-T	53	chr9:27716550-27716650
chr9	27816250	27816350	901-Lng-A-T	467	chr9:27816250-27816350
chr9	28124550	28124650	901-Lng-D-T	36	chr9:28124550-28124650
chr9	28769050	28769150	1072-Lng-A-T	53	chr9:28769050-28769150
chr9	28778750	28778850	1223-Lng-B-T	41	chr9:28778750-28778850
chr9	29096450	29096550	1004-Lng-A-T	230	chr9:29096450-29096550
chr9	29194950	29195050	1065-Lng-B-T	45	chr9:29194950-29195050
chr9	29418150	29418250	1223-Lng-B-T	38	chr9:29418150-29418250

Table S2: SB Insertion regions

chr9	29521050	29521150	1004-Lng-A-T	94	chr9:29521050-29521150
chr9	29766350	29766450	1223-Lng-D-T	42	chr9:29766350-29766450
chr9	29807250	29807350	1100-Lng-A-T	64	chr9:29807250-29807350
chr9	29927150	29927250	901-Lng-C-T	51	chr9:29927150-29927250
chr9	29941750	29941850	846-Lng-A-T	80	chr9:29941750-29941850
chr9	30055250	30055350	1151-Lng-A-T	457	chr9:30055250-30055350
chr9	30102950	30103050	1072-Lng-A-T	68	chr9:30102950-30103050
chr9	30246650	30246750	1065-Lng-A-T	38	chr9:30246650-30246750
chr9	30261250	30261350	1151-Lng-A-T	236	chr9:30261250-30261350
chr9	30267650	30267750	1274-Lng-A-T	66	chr9:30267650-30267750
chr9	30544150	30544250	1274-Lng-A-T	58	chr9:30544150-30544250
chr9	30595850	30595950	1065-Lng-A-T	41	chr9:30595850-30595950
chr9	30633350	30633450	901-Lng-A-T	74	chr9:30633350-30633450
chr9	30813050	30813150	1090-Lng-B-T	492	chr9:30813050-30813150
chr9	30840650	30840750	901-Lng-A-T	67	chr9:30840650-30840750
chr9	30844250	30844350	1223-Lng-C-T	74	chr9:30844250-30844350
chr9	30866650	30866750	1223-Lng-D-T	41	chr9:30866650-30866750
chr9	30918650	30918750	1223-Lng-D-T	56	chr9:30918650-30918750
chr9	30919150	30919250	1274-Lng-A-T	129	chr9:30919150-30919250
chr9	30954250	30954350	1223-Lng-A-T	52	chr9:30954250-30954350
chr9	30978750	30978850	1100-Lng-A-T	91	chr9:30978750-30978850
chr9	31006250	31006350	1072-Lng-A-T	54	chr9:31006250-31006350
chr9	31012550	31012650	846-Lng-A-T	179	chr9:31012550-31012650
chr9	31013650	31013750	1065-Lng-A-T	56	chr9:31013650-31013750
chr9	31126450	31126550	1090-Lng-A-T	73	chr9:31126450-31126550
chr9	31143150	31143250	1065-Lng-B-T	63	chr9:31143150-31143250
chr9	31430050	31430150	1152-Lng-A-T	161	chr9:31430050-31430150
chr9	31940850	31940950	1152-Lng-A-T	113	chr9:31940850-31940950
chr9	32016450	32016550	1090-Lng-A-T	144	chr9:32016450-32016550
chr9	32468850	32468950	901-Lng-A-T	70	chr9:32468850-32468950
chr9	32679450	32679550	1065-Lng-B-T	50	chr9:32679450-32679550
chr9	32953550	32953650	901-Lng-B-T	49	chr9:32953550-32953650
chr9	33348050	33348150	901-Lng-C-T	54	chr9:33348050-33348150
chr9	33539450	33539550	901-Lng-C-T	36	chr9:33539450-33539550
chr9	34077350	34077450	1223-Lng-B-T	112	chr9:34077350-34077450
chr9	34263150	34263250	1223-Lng-B-T	59	chr9:34263150-34263250
chr9	34341150	34341250	1065-Lng-B-T	373	chr9:34341150-34341250
chr9	34386150	34386250	1065-Lng-B-T	47	chr9:34386150-34386250
chr9	34659750	34659850	901-Lng-A-T	90	chr9:34659750-34659850
chr9	34811250	34811350	1274-Lng-A-T	67	chr9:34811250-34811350
chr9	34849350	34849450	1065-Lng-C-T	88	chr9:34849350-34849450
chr9	34868550	34868650	1004-Lng-A-T	56	chr9:34868550-34868650
chr9	34909550	34909650	1065-Lng-C-T	134	chr9:34909550-34909650
chr9	34955550	34955650	1065-Lng-A-T	42	chr9:34955550-34955650
chr9	34969950	34970050	1065-Lng-A-T	79	chr9:34969950-34970050
chr9	34982550	34982650	1223-Lng-B-T	40	chr9:34982550-34982650

Table S2: SB Insertion regions

chr9	35112950	35113050	1223-Lng-A-T	69	chr9:35112950-35113050
chr9	35113050	35113150	1065-Lng-B-T	45	chr9:35113050-35113150
chr9	35113150	35113250	1065-Lng-B-T	55	chr9:35113150-35113250
chr9	35113150	35113250	1065-Lng-C-T	78	chr9:35113150-35113250
chr9	35181450	35181550	1072-Lng-A-T	103	chr9:35181450-35181550
chr9	35273350	35273450	1223-Lng-B-T	113	chr9:35273350-35273450
chr9	35485150	35485250	1152-Lng-A-T	109	chr9:35485150-35485250
chr9	35652650	35652750	1065-Lng-A-T	101	chr9:35652650-35652750
chr9	35707150	35707250	901-Lng-B-T	165	chr9:35707150-35707250
chr9	36113450	36113550	1065-Lng-B-T	400	chr9:36113450-36113550
chr9	36125750	36125850	901-Lng-A-T	68	chr9:36125750-36125850
chr9	36197850	36197950	1065-Lng-C-T	86	chr9:36197850-36197950
chr9	36525050	36525150	1274-Lng-A-T	163	chr9:36525050-36525150
chr9	36543450	36543550	1167-Lng-A-T	82	chr9:36543450-36543550
chr9	36559350	36559450	1004-Lng-A-T	56	chr9:36559350-36559450
chr9	36608350	36608450	1072-Lng-A-T	94	chr9:36608350-36608450
chr9	36670350	36670450	846-Lng-A-T	566	chr9:36670350-36670450
chr9	36906950	36907050	1223-Lng-B-T	82	chr9:36906950-36907050
chr9	37153250	37153350	1223-Lng-B-T	36	chr9:37153250-37153350
chr9	37154950	37155050	1223-Lng-B-T	34	chr9:37154950-37155050
chr9	37176950	37177050	1004-Lng-A-T	62	chr9:37176950-37177050
chr9	37214850	37214950	1065-Lng-C-T	133	chr9:37214850-37214950
chr9	37305450	37305550	1274-Lng-A-T	93	chr9:37305450-37305550
chr9	37312650	37312750	1004-Lng-A-T	85	chr9:37312650-37312750
chr9	37348350	37348450	1167-Lng-A-T	60	chr9:37348350-37348450
chr9	37354850	37354950	901-Lng-B-T	113	chr9:37354850-37354950
chr9	37390050	37390150	1100-Lng-A-T	54	chr9:37390050-37390150
chr9	37488950	37489050	1223-Lng-D-T	60	chr9:37488950-37489050
chr9	37787350	37787450	901-Lng-A-T	91	chr9:37787350-37787450
chr9	37867050	37867150	1065-Lng-A-T	77	chr9:37867050-37867150
chr9	37954850	37954950	1090-Lng-A-T	100	chr9:37954850-37954950
chr9	38603850	38603950	1065-Lng-B-T	108	chr9:38603850-38603950
chr9	38691850	38691950	1152-Lng-A-T	54	chr9:38691850-38691950
chr9	38785950	38786050	1090-Lng-A-T	75	chr9:38785950-38786050
chr9	38800150	38800250	1090-Lng-B-T	127	chr9:38800150-38800250
chr9	38902750	38902850	1100-Lng-A-T	55	chr9:38902750-38902850
chr9	38922850	38922950	901-Lng-C-T	131	chr9:38922850-38922950
chr9	38989450	38989550	1223-Lng-A-T	159	chr9:38989450-38989550
chr9	39025350	39025450	1065-Lng-A-T	76	chr9:39025350-39025450
chr9	39287950	39288050	901-Lng-B-T	113	chr9:39287950-39288050
chr9	39288750	39288850	1223-Lng-C-T	53	chr9:39288750-39288850
chr9	39289350	39289450	1065-Lng-C-T	79	chr9:39289350-39289450
chr9	39311050	39311150	1223-Lng-D-T	42	chr9:39311050-39311150
chr9	39429750	39429850	1065-Lng-B-T	49	chr9:39429750-39429850
chr9	39781350	39781450	1223-Lng-D-T	42	chr9:39781350-39781450
chr9	39945350	39945450	1223-Lng-C-T	49	chr9:39945350-39945450

Table S2: SB Insertion regions

chr9	40054850	40054950	901-Lng-C-T	87	chr9:40054850-40054950
chr9	40120750	40120850	1167-Lng-A-T	81	chr9:40120750-40120850
chr9	40121150	40121250	901-Lng-C-T	33	chr9:40121150-40121250
chr9	40172750	40172850	1100-Lng-A-T	91	chr9:40172750-40172850
chr9	40193250	40193350	1274-Lng-A-T	229	chr9:40193250-40193350
chr9	40324850	40324950	1152-Lng-A-T	314	chr9:40324850-40324950
chr9	40602850	40602950	1223-Lng-B-T	35	chr9:40602850-40602950
chr9	40773050	40773150	1223-Lng-A-T	87	chr9:40773050-40773150
chr9	41801450	41801550	846-Lng-A-T	102	chr9:41801450-41801550
chr9	41868250	41868350	1274-Lng-A-T	77	chr9:41868250-41868350
chr9	41996350	41996450	1274-Lng-A-T	65	chr9:41996350-41996450
chr9	42225050	42225150	1004-Lng-A-T	58	chr9:42225050-42225150
chr9	42227650	42227750	1065-Lng-A-T	51	chr9:42227650-42227750
chr9	42433550	42433650	1152-Lng-A-T	38	chr9:42433550-42433650
chr9	42770450	42770550	1100-Lng-A-T	270	chr9:42770450-42770550
chr9	42788450	42788550	1223-Lng-B-T	49	chr9:42788450-42788550
chr9	42870250	42870350	1188-Lng-A-T	128	chr9:42870250-42870350
chr9	42908050	42908150	1223-Lng-A-T	986	chr9:42908050-42908150
chr9	43130450	43130550	1065-Lng-A-T	106	chr9:43130450-43130550
chr9	43836750	43836850	1072-Lng-A-T	48	chr9:43836750-43836850
chr9	44127050	44127150	1223-Lng-C-T	56	chr9:44127050-44127150
chr9	44143950	44144050	1100-Lng-A-T	87	chr9:44143950-44144050
chr9	44303950	44304050	1100-Lng-A-T	86	chr9:44303950-44304050
chr9	44304250	44304350	1274-Lng-A-T	60	chr9:44304250-44304350
chr9	44389450	44389550	1152-Lng-A-T	99	chr9:44389450-44389550
chr9	44390050	44390150	1274-Lng-A-T	150	chr9:44390050-44390150
chr9	44419250	44419350	1223-Lng-B-T	52	chr9:44419250-44419350
chr9	44555950	44556050	1274-Lng-A-T	56	chr9:44555950-44556050
chr9	44685250	44685350	901-Lng-A-T	136	chr9:44685250-44685350
chr9	44707950	44708050	1223-Lng-B-T	45	chr9:44707950-44708050
chr9	44881950	44882050	1072-Lng-A-T	195	chr9:44881950-44882050
chr9	44961450	44961550	1100-Lng-A-T	73	chr9:44961450-44961550
chr9	45029750	45029850	1274-Lng-A-T	124	chr9:45029750-45029850
chr9	45123150	45123250	1065-Lng-A-T	103	chr9:45123150-45123250
chr9	45791850	45791950	1274-Lng-A-T	150	chr9:45791850-45791950
chr9	45858550	45858650	1223-Lng-D-T	44	chr9:45858550-45858650
chr9	45859250	45859350	1152-Lng-A-T	199	chr9:45859250-45859350
chr9	45884450	45884550	1151-Lng-A-T	68	chr9:45884450-45884550
chr9	45901850	45901950	1090-Lng-A-T	55	chr9:45901850-45901950
chr9	45919250	45919350	1065-Lng-B-T	43	chr9:45919250-45919350
chr9	45919450	45919550	1090-Lng-A-T	99	chr9:45919450-45919550
chr9	45977350	45977450	1274-Lng-A-T	77	chr9:45977350-45977450
chr9	46036050	46036150	1274-Lng-A-T	50	chr9:46036050-46036150
chr9	46843150	46843250	1223-Lng-B-T	52	chr9:46843150-46843250
chr9	46848550	46848650	901-Lng-A-T	105	chr9:46848550-46848650
chr9	46943550	46943650	1223-Lng-C-T	59	chr9:46943550-46943650

Table S2: SB Insertion regions

chr9	46986350	46986450	1223-Lng-A-T	72	chr9:46986350-46986450
chr9	47218050	47218150	1152-Lng-A-T	42	chr9:47218050-47218150
chr9	47300150	47300250	1274-Lng-A-T	77	chr9:47300150-47300250
chr9	47361150	47361250	1065-Lng-B-T	45	chr9:47361150-47361250
chr9	47467650	47467750	901-Lng-B-T	132	chr9:47467650-47467750
chr9	47522650	47522750	846-Lng-A-T	134	chr9:47522650-47522750
chr9	47966050	47966150	1065-Lng-A-T	82	chr9:47966050-47966150
chr9	48595950	48596050	1188-Lng-A-T	34	chr9:48595950-48596050
chr9	48845050	48845150	1151-Lng-A-T	55	chr9:48845050-48845150
chr9	48975750	48975850	1090-Lng-A-T	50	chr9:48975750-48975850
chr9	49086950	49087050	846-Lng-A-T	51	chr9:49086950-49087050
chr9	49490950	49491050	1090-Lng-A-T	78	chr9:49490950-49491050
chr9	49781950	49782050	1065-Lng-C-T	64	chr9:49781950-49782050
chr9	49872050	49872150	846-Lng-A-T	65	chr9:49872050-49872150
chr9	49957450	49957550	1152-Lng-A-T	221	chr9:49957450-49957550
chr9	50408250	50408350	1065-Lng-B-T	584	chr9:50408250-50408350
chr9	50423150	50423250	1223-Lng-D-T	45	chr9:50423150-50423250
chr9	50463750	50463850	1167-Lng-A-T	45	chr9:50463750-50463850
chr9	50469750	50469850	1065-Lng-C-T	525	chr9:50469750-50469850
chr9	50617650	50617750	1100-Lng-B-T	50	chr9:50617650-50617750
chr9	50618650	50618750	1223-Lng-C-T	43	chr9:50618650-50618750
chr9	50734450	50734550	1152-Lng-A-T	98	chr9:50734450-50734550
chr9	50772050	50772150	1072-Lng-A-T	164	chr9:50772050-50772150
chr9	50780950	50781050	901-Lng-B-T	223	chr9:50780950-50781050
chr9	51399050	51399150	1100-Lng-A-T	51	chr9:51399050-51399150
chr9	51502950	51503050	1065-Lng-C-T	453	chr9:51502950-51503050
chr9	51566350	51566450	1223-Lng-A-T	237	chr9:51566350-51566450
chr9	51607850	51607950	1004-Lng-A-T	74	chr9:51607850-51607950
chr9	51671750	51671850	901-Lng-A-T	411	chr9:51671750-51671850
chr9	51704350	51704450	1223-Lng-C-T	57	chr9:51704350-51704450
chr9	51766150	51766250	1188-Lng-A-T	298	chr9:51766150-51766250
chr9	51779650	51779750	1072-Lng-A-T	61	chr9:51779650-51779750
chr9	51785950	51786050	1188-Lng-A-T	71	chr9:51785950-51786050
chr9	51790250	51790350	1004-Lng-A-T	72	chr9:51790250-51790350
chr9	51838650	51838750	1004-Lng-A-T	64	chr9:51838650-51838750
chr9	51865450	51865550	901-Lng-A-T	468	chr9:51865450-51865550
chr9	51869050	51869150	1100-Lng-A-T	152	chr9:51869050-51869150
chr9	51871650	51871750	1223-Lng-B-T	38	chr9:51871650-51871750
chr9	51877850	51877950	1223-Lng-C-T	48	chr9:51877850-51877950
chr9	51926950	51927050	1065-Lng-A-T	44	chr9:51926950-51927050
chr9	51956450	51956550	901-Lng-A-T	127	chr9:51956450-51956550
chr9	52087150	52087250	1090-Lng-A-T	63	chr9:52087150-52087250
chr9	52111550	52111650	901-Lng-A-T	181	chr9:52111550-52111650
chr9	52128050	52128150	1223-Lng-D-T	51	chr9:52128050-52128150
chr9	52282250	52282350	1072-Lng-A-T	68	chr9:52282250-52282350
chr9	52297850	52297950	846-Lng-A-T	159	chr9:52297850-52297950

Table S2: SB Insertion regions

chr9	52303950	52304050	1065-Lng-A-T	53	chr9:52303950-52304050
chr9	52677550	52677650	1152-Lng-A-T	70	chr9:52677550-52677650
chr9	52929550	52929650	1090-Lng-A-T	63	chr9:52929550-52929650
chr9	53003550	53003650	1152-Lng-A-T	42	chr9:53003550-53003650
chr9	53003550	53003650	1223-Lng-B-T	41	chr9:53003550-53003650
chr9	53112050	53112150	901-Lng-A-T	375	chr9:53112050-53112150
chr9	53145550	53145650	901-Lng-A-T	62	chr9:53145550-53145650
chr9	53174450	53174550	1065-Lng-C-T	3161	chr9:53174450-53174550
chr9	53209950	53210050	1090-Lng-A-T	81	chr9:53209950-53210050
chr9	53276950	53277050	846-Lng-A-T	80	chr9:53276950-53277050
chr9	53332250	53332350	901-Lng-D-T	43	chr9:53332250-53332350
chr9	53360650	53360750	1223-Lng-C-T	60	chr9:53360650-53360750
chr9	53439650	53439750	846-Lng-A-T	88	chr9:53439650-53439750
chr9	53468350	53468450	1188-Lng-A-T	140	chr9:53468350-53468450
chr9	53669450	53669550	1223-Lng-A-T	58	chr9:53669450-53669550
chr9	53696150	53696250	1223-Lng-B-T	122	chr9:53696150-53696250
chr9	53899250	53899350	1090-Lng-B-T	124	chr9:53899250-53899350
chr9	54059550	54059650	1100-Lng-A-T	123	chr9:54059550-54059650
chr9	54219050	54219150	901-Lng-A-T	93	chr9:54219050-54219150
chr9	54244950	54245050	1065-Lng-C-T	67	chr9:54244950-54245050
chr9	54443650	54443750	1167-Lng-A-T	53	chr9:54443650-54443750
chr9	54567750	54567850	1223-Lng-C-T	47	chr9:54567750-54567850
chr9	54720850	54720950	1065-Lng-A-T	43	chr9:54720850-54720950
chr9	54723750	54723850	1065-Lng-B-T	59	chr9:54723750-54723850
chr9	54743250	54743350	1223-Lng-C-T	105	chr9:54743250-54743350
chr9	55323250	55323350	901-Lng-A-T	454	chr9:55323250-55323350
chr9	55327950	55328050	1004-Lng-A-T	63	chr9:55327950-55328050
chr9	55339650	55339750	901-Lng-C-T	103	chr9:55339650-55339750
chr9	56022750	56022850	1167-Lng-A-T	54	chr9:56022750-56022850
chr9	56062850	56062950	1167-Lng-A-T	88	chr9:56062850-56062950
chr9	56078050	56078150	1223-Lng-B-T	47	chr9:56078050-56078150
chr9	56079550	56079650	1167-Lng-A-T	55	chr9:56079550-56079650
chr9	56125050	56125150	901-Lng-C-T	170	chr9:56125050-56125150
chr9	56211550	56211650	1065-Lng-B-T	148	chr9:56211550-56211650
chr9	56430150	56430250	1090-Lng-A-T	45	chr9:56430150-56430250
chr9	56602350	56602450	1065-Lng-B-T	270	chr9:56602350-56602450
chr9	56808150	56808250	1223-Lng-A-T	101	chr9:56808150-56808250
chr9	56861950	56862050	1151-Lng-A-T	76	chr9:56861950-56862050
chr9	56912850	56912950	1065-Lng-A-T	79	chr9:56912850-56912950
chr9	56912950	56913050	1223-Lng-B-T	308	chr9:56912950-56913050
chr9	56940250	56940350	1100-Lng-B-T	75	chr9:56940250-56940350
chr9	56960650	56960750	1274-Lng-A-T	190	chr9:56960650-56960750
chr9	56973550	56973650	901-Lng-A-T	103	chr9:56973550-56973650
chr9	56977650	56977750	901-Lng-D-T	222	chr9:56977650-56977750
chr9	57112650	57112750	1065-Lng-A-T	70	chr9:57112650-57112750
chr9	57207450	57207550	1167-Lng-A-T	81	chr9:57207450-57207550

Table S2: SB Insertion regions

chr9	57279450	57279550	1274-Lng-A-T	73	chr9:57279450-57279550
chr9	57411450	57411550	901-Lng-A-T	128	chr9:57411450-57411550
chr9	57574150	57574250	901-Lng-B-T	211	chr9:57574150-57574250
chr9	57610550	57610650	1152-Lng-A-T	52	chr9:57610550-57610650
chr9	57610850	57610950	1100-Lng-A-T	71	chr9:57610850-57610950
chr9	57636150	57636250	1151-Lng-A-T	55	chr9:57636150-57636250
chr9	57659550	57659650	1100-Lng-A-T	80	chr9:57659550-57659650
chr9	58086150	58086250	901-Lng-D-T	126	chr9:58086150-58086250
chr9	58274150	58274250	1100-Lng-A-T	61	chr9:58274150-58274250
chr9	58376950	58377050	1065-Lng-B-T	81	chr9:58376950-58377050
chr9	58464850	58464950	1167-Lng-A-T	70	chr9:58464850-58464950
chr9	58467450	58467550	901-Lng-A-T	378	chr9:58467450-58467550
chr9	58475250	58475350	901-Lng-C-T	172	chr9:58475250-58475350
chr9	58508750	58508850	1065-Lng-C-T	63	chr9:58508750-58508850
chr9	58767950	58768050	1004-Lng-A-T	68	chr9:58767950-58768050
chr9	58828450	58828550	1004-Lng-A-T	75	chr9:58828450-58828550
chr9	58843450	58843550	1065-Lng-B-T	48	chr9:58843450-58843550
chr9	58848150	58848250	1223-Lng-D-T	43	chr9:58848150-58848250
chr9	58949150	58949250	1223-Lng-D-T	50	chr9:58949150-58949250
chr9	59134850	59134950	1065-Lng-C-T	106	chr9:59134850-59134950
chr9	59242650	59242750	1274-Lng-A-T	187	chr9:59242650-59242750
chr9	59247950	59248050	1151-Lng-A-T	74	chr9:59247950-59248050
chr9	59281150	59281250	1167-Lng-A-T	145	chr9:59281150-59281250
chr9	59284750	59284850	1188-Lng-A-T	48	chr9:59284750-59284850
chr9	59287550	59287650	1274-Lng-A-T	52	chr9:59287550-59287650
chr9	59306450	59306550	1274-Lng-A-T	62	chr9:59306450-59306550
chr9	59310750	59310850	1152-Lng-A-T	48	chr9:59310750-59310850
chr9	59311550	59311650	1167-Lng-A-T	58	chr9:59311550-59311650
chr9	59465650	59465750	1274-Lng-A-T	116	chr9:59465650-59465750
chr9	59526250	59526350	1152-Lng-A-T	181	chr9:59526250-59526350
chr9	59538350	59538450	1274-Lng-A-T	72	chr9:59538350-59538450
chr9	59581550	59581650	1223-Lng-A-T	159	chr9:59581550-59581650
chr9	59760950	59761050	1223-Lng-D-T	63	chr9:59760950-59761050
chr9	59771750	59771850	1274-Lng-A-T	57	chr9:59771750-59771850
chr9	60014150	60014250	1100-Lng-A-T	107	chr9:60014150-60014250
chr9	60058350	60058450	1151-Lng-A-T	62	chr9:60058350-60058450
chr9	60106350	60106450	1151-Lng-A-T	72	chr9:60106350-60106450
chr9	60153650	60153750	1274-Lng-A-T	49	chr9:60153650-60153750
chr9	60177050	60177150	901-Lng-B-T	77	chr9:60177050-60177150
chr9	60217050	60217150	901-Lng-C-T	51	chr9:60217050-60217150
chr9	60222850	60222950	1100-Lng-A-T	110	chr9:60222850-60222950
chr9	60247350	60247450	1065-Lng-B-T	45	chr9:60247350-60247450
chr9	60260650	60260750	1065-Lng-A-T	131	chr9:60260650-60260750
chr9	60342550	60342650	901-Lng-C-T	36	chr9:60342550-60342650
chr9	60344450	60344550	1188-Lng-A-T	35	chr9:60344450-60344550
chr9	60695950	60696050	1152-Lng-A-T	71	chr9:60695950-60696050

Table S2: SB Insertion regions

chr9	60827750	60827850	1274-Lng-A-T	65	chr9:60827750-60827850
chr9	61032050	61032150	1223-Lng-B-T	36	chr9:61032050-61032150
chr9	61118250	61118350	1065-Lng-C-T	187	chr9:61118250-61118350
chr9	61124050	61124150	1223-Lng-D-T	41	chr9:61124050-61124150
chr9	61256650	61256750	1152-Lng-A-T	111	chr9:61256650-61256750
chr9	61933750	61933850	1223-Lng-D-T	50	chr9:61933750-61933850
chr9	62070650	62070750	1151-Lng-A-T	147	chr9:62070650-62070750
chr9	62175150	62175250	1151-Lng-A-T	674	chr9:62175150-62175250
chr9	62231350	62231450	1188-Lng-A-T	50	chr9:62231350-62231450
chr9	62304950	62305050	1100-Lng-A-T	109	chr9:62304950-62305050
chr9	62394750	62394850	1151-Lng-A-T	105	chr9:62394750-62394850
chr9	62641850	62641950	1090-Lng-A-T	73	chr9:62641850-62641950
chr9	62646050	62646150	901-Lng-D-T	53	chr9:62646050-62646150
chr9	62737350	62737450	1152-Lng-A-T	48	chr9:62737350-62737450
chr9	62740850	62740950	1274-Lng-A-T	154	chr9:62740850-62740950
chr9	62747050	62747150	1065-Lng-B-T	50	chr9:62747050-62747150
chr9	62756850	62756950	1065-Lng-A-T	36	chr9:62756850-62756950
chr9	62785650	62785750	1100-Lng-A-T	71	chr9:62785650-62785750
chr9	62808550	62808650	1152-Lng-A-T	61	chr9:62808550-62808650
chr9	62817250	62817350	901-Lng-C-T	209	chr9:62817250-62817350
chr9	62917350	62917450	1223-Lng-C-T	47	chr9:62917350-62917450
chr9	62967550	62967650	1100-Lng-B-T	262	chr9:62967550-62967650
chr9	62974850	62974950	901-Lng-C-T	57	chr9:62974850-62974950
chr9	63210150	63210250	901-Lng-D-T	112	chr9:63210150-63210250
chr9	63214150	63214250	1151-Lng-A-T	55	chr9:63214150-63214250
chr9	63305950	63306050	1065-Lng-A-T	46	chr9:63305950-63306050
chr9	63373550	63373650	1065-Lng-A-T	43	chr9:63373550-63373650
chr9	63388250	63388350	1151-Lng-A-T	320	chr9:63388250-63388350
chr9	63575150	63575250	1100-Lng-A-T	70	chr9:63575150-63575250
chr9	63634550	63634650	1223-Lng-B-T	36	chr9:63634550-63634650
chr9	63796650	63796750	1188-Lng-A-T	36	chr9:63796650-63796750
chr9	64029150	64029250	1152-Lng-A-T	54	chr9:64029150-64029250
chr9	64106450	64106550	901-Lng-C-T	28	chr9:64106450-64106550
chr9	64195250	64195350	1223-Lng-B-T	297	chr9:64195250-64195350
chr9	64212450	64212550	1065-Lng-B-T	51	chr9:64212450-64212550
chr9	64383650	64383750	1072-Lng-A-T	49	chr9:64383650-64383750
chr9	64550550	64550650	1274-Lng-A-T	182	chr9:64550550-64550650
chr9	64672450	64672550	901-Lng-A-T	118	chr9:64672450-64672550
chr9	64708550	64708650	1065-Lng-C-T	1801	chr9:64708550-64708650
chr9	64732350	64732450	1223-Lng-A-T	97	chr9:64732350-64732450
chr9	64848350	64848450	1065-Lng-C-T	75	chr9:64848350-64848450
chr9	64906450	64906550	1072-Lng-A-T	97	chr9:64906450-64906550
chr9	65152750	65152850	1072-Lng-A-T	48	chr9:65152750-65152850
chr9	65195950	65196050	1151-Lng-A-T	113	chr9:65195950-65196050
chr9	65315950	65316050	901-Lng-D-T	76	chr9:65315950-65316050
chr9	65430750	65430850	1223-Lng-B-T	41	chr9:65430750-65430850

Table S2: SB Insertion regions

chr9	65578350	65578450	1100-Lng-B-T	2646	chr9:65578350-65578450
chr9	65608150	65608250	1004-Lng-A-T	67	chr9:65608150-65608250
chr9	65640750	65640850	1090-Lng-A-T	86	chr9:65640750-65640850
chr9	65641950	65642050	1188-Lng-A-T	201	chr9:65641950-65642050
chr9	65680850	65680950	901-Lng-C-T	302	chr9:65680850-65680950
chr9	65691650	65691750	1188-Lng-A-T	652	chr9:65691650-65691750
chr9	65802150	65802250	1274-Lng-A-T	86	chr9:65802150-65802250
chr9	65963350	65963450	1152-Lng-A-T	68	chr9:65963350-65963450
chr9	66070850	66070950	1065-Lng-A-T	43	chr9:66070850-66070950
chr9	66212550	66212650	1223-Lng-A-T	120	chr9:66212550-66212650
chr9	66327450	66327550	1100-Lng-A-T	62	chr9:66327450-66327550
chr9	66336650	66336750	1152-Lng-A-T	112	chr9:66336650-66336750
chr9	66392150	66392250	1100-Lng-A-T	240	chr9:66392150-66392250
chr9	66461150	66461250	1090-Lng-A-T	75	chr9:66461150-66461250
chr9	66475250	66475350	1274-Lng-A-T	91	chr9:66475250-66475350
chr9	66714350	66714450	901-Lng-C-T	378	chr9:66714350-66714450
chr9	66883550	66883650	1065-Lng-A-T	35	chr9:66883550-66883650
chr9	67183750	67183850	1072-Lng-A-T	124	chr9:67183750-67183850
chr9	67221950	67222050	1065-Lng-A-T	155	chr9:67221950-67222050
chr9	67279950	67280050	901-Lng-D-T	253	chr9:67279950-67280050
chr9	67385550	67385650	901-Lng-C-T	59	chr9:67385550-67385650
chr9	67434950	67435050	1151-Lng-A-T	59	chr9:67434950-67435050
chr9	67776150	67776250	846-Lng-A-T	89	chr9:67776150-67776250
chr9	67816350	67816450	1188-Lng-A-T	328	chr9:67816350-67816450
chr9	68847750	68847850	1004-Lng-A-T	139	chr9:68847750-68847850
chr9	68854550	68854650	901-Lng-C-T	46	chr9:68854550-68854650
chr9	69014150	69014250	1100-Lng-A-T	110	chr9:69014150-69014250
chr9	69029650	69029750	1100-Lng-B-T	53	chr9:69029650-69029750
chr9	69166750	69166850	1188-Lng-A-T	61	chr9:69166750-69166850
chr9	69215250	69215350	1167-Lng-A-T	67	chr9:69215250-69215350
chr9	69234150	69234250	901-Lng-C-T	55	chr9:69234150-69234250
chr9	69264550	69264650	1274-Lng-A-T	136	chr9:69264550-69264650
chr9	69288650	69288750	1100-Lng-A-T	57	chr9:69288650-69288750
chr9	69297350	69297450	1065-Lng-C-T	139	chr9:69297350-69297450
chr9	69623650	69623750	901-Lng-C-T	38	chr9:69623650-69623750
chr9	70109450	70109550	1152-Lng-A-T	151	chr9:70109450-70109550
chr9	70134550	70134650	901-Lng-C-T	37	chr9:70134550-70134650
chr9	70164550	70164650	1274-Lng-A-T	92	chr9:70164550-70164650
chr9	70187250	70187350	1100-Lng-A-T	376	chr9:70187250-70187350
chr9	70264950	70265050	1065-Lng-C-T	72	chr9:70264950-70265050
chr9	70277650	70277750	1223-Lng-A-T	237	chr9:70277650-70277750
chr9	70299250	70299350	1223-Lng-B-T	36	chr9:70299250-70299350
chr9	70305850	70305950	1274-Lng-A-T	137	chr9:70305850-70305950
chr9	70340350	70340450	1223-Lng-B-T	76	chr9:70340350-70340450
chr9	70347150	70347250	1274-Lng-A-T	91	chr9:70347150-70347250
chr9	70391450	70391550	1065-Lng-A-T	91	chr9:70391450-70391550

Table S2: SB Insertion regions

chr9	70397450	70397550	901-Lng-C-T	98	chr9:70397450-70397550
chr9	70409850	70409950	1065-Lng-C-T	141	chr9:70409850-70409950
chr9	70430250	70430350	1167-Lng-A-T	80	chr9:70430250-70430350
chr9	70432350	70432450	1223-Lng-A-T	171	chr9:70432350-70432450
chr9	70442450	70442550	1223-Lng-B-T	82	chr9:70442450-70442550
chr9	70448350	70448450	901-Lng-C-T	642	chr9:70448350-70448450
chr9	70483150	70483250	1090-Lng-A-T	84	chr9:70483150-70483250
chr9	70490050	70490150	1065-Lng-C-T	65	chr9:70490050-70490150
chr9	70570250	70570350	1065-Lng-A-T	52	chr9:70570250-70570350
chr9	70581950	70582050	1223-Lng-B-T	41	chr9:70581950-70582050
chr9	70617550	70617650	1065-Lng-A-T	68	chr9:70617550-70617650
chr9	70624550	70624650	901-Lng-B-T	200	chr9:70624550-70624650
chr9	70628350	70628450	1090-Lng-A-T	106	chr9:70628350-70628450
chr9	70793850	70793950	1065-Lng-C-T	89	chr9:70793850-70793950
chr9	70838550	70838650	1065-Lng-A-T	57	chr9:70838550-70838650
chr9	71022250	71022350	1223-Lng-A-T	123	chr9:71022250-71022350
chr9	71226150	71226250	901-Lng-C-T	174	chr9:71226150-71226250
chr9	71332350	71332450	1274-Lng-A-T	165	chr9:71332350-71332450
chr9	71405550	71405650	1188-Lng-A-T	35	chr9:71405550-71405650
chr9	71517250	71517350	1223-Lng-B-T	45	chr9:71517250-71517350
chr9	71592350	71592450	1090-Lng-B-T	117	chr9:71592350-71592450
chr9	71691350	71691450	1090-Lng-A-T	101	chr9:71691350-71691450
chr9	71723350	71723450	901-Lng-A-T	61	chr9:71723350-71723450
chr9	71797850	71797950	1072-Lng-A-T	65	chr9:71797850-71797950
chr9	71872750	71872850	1167-Lng-A-T	51	chr9:71872750-71872850
chr9	71877250	71877350	901-Lng-C-T	42	chr9:71877250-71877350
chr9	71880550	71880650	1004-Lng-A-T	78	chr9:71880550-71880650
chr9	71911150	71911250	846-Lng-A-T	80	chr9:71911150-71911250
chr9	71912750	71912850	1223-Lng-A-T	69	chr9:71912750-71912850
chr9	71921350	71921450	901-Lng-C-T	32	chr9:71921350-71921450
chr9	71924450	71924550	1100-Lng-A-T	57	chr9:71924450-71924550
chr9	71935750	71935850	1100-Lng-A-T	126	chr9:71935750-71935850
chr9	71941550	71941650	1151-Lng-A-T	202	chr9:71941550-71941650
chr9	72148550	72148650	1151-Lng-A-T	240	chr9:72148550-72148650
chr9	72210550	72210650	1223-Lng-A-T	126	chr9:72210550-72210650
chr9	72312650	72312750	1151-Lng-A-T	194	chr9:72312650-72312750
chr9	72405650	72405750	1072-Lng-A-T	229	chr9:72405650-72405750
chr9	72610750	72610850	1188-Lng-A-T	187	chr9:72610750-72610850
chr9	72754050	72754150	901-Lng-C-T	147	chr9:72754050-72754150
chr9	72795550	72795650	901-Lng-B-T	169	chr9:72795550-72795650
chr9	72858750	72858850	901-Lng-C-T	53	chr9:72858750-72858850
chr9	72870750	72870850	1004-Lng-A-T	82	chr9:72870750-72870850
chr9	72889750	72889850	1152-Lng-A-T	191	chr9:72889750-72889850
chr9	72898750	72898850	1274-Lng-A-T	163	chr9:72898750-72898850
chr9	73065850	73065950	1090-Lng-A-T	76	chr9:73065850-73065950
chr9	73089950	73090050	1090-Lng-A-T	159	chr9:73089950-73090050

Table S2: SB Insertion regions

chr9	73360350	73360450	1223-Lng-C-T	58	chr9:73360350-73360450
chr9	73368950	73369050	1090-Lng-B-T	290	chr9:73368950-73369050
chr9	73631550	73631650	1152-Lng-A-T	69	chr9:73631550-73631650
chr9	73671250	73671350	1065-Lng-B-T	72	chr9:73671250-73671350
chr9	73684450	73684550	1223-Lng-C-T	61	chr9:73684450-73684550
chr9	73926550	73926650	901-Lng-C-T	34	chr9:73926550-73926650
chr9	73938550	73938650	1065-Lng-A-T	83	chr9:73938550-73938650
chr9	73941250	73941350	1072-Lng-A-T	60	chr9:73941250-73941350
chr9	73981750	73981850	1090-Lng-A-T	65	chr9:73981750-73981850
chr9	73994150	73994250	1090-Lng-A-T	49	chr9:73994150-73994250
chr9	74279250	74279350	1072-Lng-A-T	95	chr9:74279250-74279350
chr9	74285350	74285450	1065-Lng-B-T	69	chr9:74285350-74285450
chr9	74805250	74805350	1004-Lng-A-T	85	chr9:74805250-74805350
chr9	74807450	74807550	1100-Lng-A-T	58	chr9:74807450-74807550
chr9	74827950	74828050	846-Lng-A-T	99	chr9:74827950-74828050
chr9	74878150	74878250	1223-Lng-C-T	64	chr9:74878150-74878250
chr9	74963550	74963650	1004-Lng-A-T	52	chr9:74963550-74963650
chr9	75150950	75151050	901-Lng-B-T	149	chr9:75150950-75151050
chr9	75157050	75157150	901-Lng-D-T	323	chr9:75157050-75157150
chr9	75185350	75185450	901-Lng-A-T	54	chr9:75185350-75185450
chr9	75209350	75209450	1065-Lng-A-T	68	chr9:75209350-75209450
chr9	75373650	75373750	1151-Lng-A-T	165	chr9:75373650-75373750
chr9	75627050	75627150	1065-Lng-C-T	1517	chr9:75627050-75627150
chr9	75635950	75636050	1065-Lng-A-T	122	chr9:75635950-75636050
chr9	75648650	75648750	901-Lng-B-T	175	chr9:75648650-75648750
chr9	75673850	75673950	901-Lng-B-T	95	chr9:75673850-75673950
chr9	75682750	75682850	1223-Lng-C-T	68	chr9:75682750-75682850
chr9	75719650	75719750	1167-Lng-A-T	46	chr9:75719650-75719750
chr9	75734850	75734950	1065-Lng-A-T	121	chr9:75734850-75734950
chr9	75812350	75812450	1100-Lng-A-T	60	chr9:75812350-75812450
chr9	75881450	75881550	1223-Lng-A-T	241	chr9:75881450-75881550
chr9	75891050	75891150	1065-Lng-A-T	37	chr9:75891050-75891150
chr9	75959850	75959950	1223-Lng-A-T	274	chr9:75959850-75959950
chr9	76377250	76377350	1090-Lng-A-T	61	chr9:76377250-76377350
chr9	76582350	76582450	1090-Lng-B-T	62	chr9:76582350-76582450
chr9	76649450	76649550	1065-Lng-C-T	102	chr9:76649450-76649550
chr9	76829650	76829750	901-Lng-B-T	96	chr9:76829650-76829750
chr9	76881050	76881150	901-Lng-D-T	605	chr9:76881050-76881150
chr9	76883050	76883150	1090-Lng-A-T	988	chr9:76883050-76883150
chr9	76904150	76904250	1090-Lng-A-T	117	chr9:76904150-76904250
chr9	77102650	77102750	1151-Lng-A-T	57	chr9:77102650-77102750
chr9	77139250	77139350	846-Lng-A-T	139	chr9:77139250-77139350
chr9	77270850	77270950	901-Lng-D-T	224	chr9:77270850-77270950
chr9	77291350	77291450	1004-Lng-A-T	58	chr9:77291350-77291450
chr9	77569650	77569750	846-Lng-A-T	46	chr9:77569650-77569750
chr9	77640650	77640750	846-Lng-A-T	1013	chr9:77640650-77640750

Table S2: SB Insertion regions

chr9	77803350	77803450	1090-Lng-A-T	61	chr9:77803350-77803450
chr9	77828050	77828150	1065-Lng-B-T	107	chr9:77828050-77828150
chr9	77911550	77911650	1167-Lng-A-T	87	chr9:77911550-77911650
chr9	77938150	77938250	1223-Lng-A-T	443	chr9:77938150-77938250
chr9	77985350	77985450	901-Lng-B-T	230	chr9:77985350-77985450
chr9	78004750	78004850	1100-Lng-A-T	60	chr9:78004750-78004850
chr9	78011650	78011750	1188-Lng-A-T	159	chr9:78011650-78011750
chr9	78019050	78019150	1151-Lng-A-T	5522	chr9:78019050-78019150
chr9	78054750	78054850	1274-Lng-A-T	50	chr9:78054750-78054850
chr9	78158250	78158350	1152-Lng-A-T	37	chr9:78158250-78158350
chr9	78222350	78222450	1167-Lng-A-T	99	chr9:78222350-78222450
chr9	78319850	78319950	901-Lng-A-T	106	chr9:78319850-78319950
chr9	78589850	78589950	1065-Lng-A-T	40	chr9:78589850-78589950
chr9	78628450	78628550	1090-Lng-A-T	60	chr9:78628450-78628550
chr9	78836550	78836650	1223-Lng-C-T	62	chr9:78836550-78836650
chr9	78843550	78843650	1090-Lng-B-T	516	chr9:78843550-78843650
chr9	78974350	78974450	901-Lng-B-T	86	chr9:78974350-78974450
chr9	79176450	79176550	1065-Lng-A-T	138	chr9:79176450-79176550
chr9	79400250	79400350	901-Lng-C-T	46	chr9:79400250-79400350
chr9	79464550	79464650	1065-Lng-B-T	98	chr9:79464550-79464650
chr9	79464550	79464650	901-Lng-B-T	76	chr9:79464550-79464650
chr9	79509350	79509450	1274-Lng-A-T	109	chr9:79509350-79509450
chr9	79621350	79621450	1151-Lng-A-T	9633	chr9:79621350-79621450
chr9	79625850	79625950	1188-Lng-A-T	348	chr9:79625850-79625950
chr9	79802150	79802250	1100-Lng-A-T	57	chr9:79802150-79802250
chr9	79847250	79847350	1100-Lng-A-T	195	chr9:79847250-79847350
chr9	79940950	79941050	1167-Lng-A-T	101	chr9:79940950-79941050
chr9	79969150	79969250	901-Lng-B-T	106	chr9:79969150-79969250
chr9	79980550	79980650	1090-Lng-B-T	411	chr9:79980550-79980650
chr9	80025650	80025750	1090-Lng-A-T	47	chr9:80025650-80025750
chr9	80048450	80048550	1151-Lng-A-T	145	chr9:80048450-80048550
chr9	80240750	80240850	1188-Lng-A-T	35	chr9:80240750-80240850
chr9	80348650	80348750	901-Lng-C-T	42	chr9:80348650-80348750
chr9	80388250	80388350	1223-Lng-A-T	101	chr9:80388250-80388350
chr9	80427150	80427250	1223-Lng-A-T	523	chr9:80427150-80427250
chr9	80446850	80446950	901-Lng-B-T	316	chr9:80446850-80446950
chr9	80536450	80536550	846-Lng-A-T	106	chr9:80536450-80536550
chr9	80587450	80587550	901-Lng-B-T	168	chr9:80587450-80587550
chr9	80939850	80939950	901-Lng-A-T	82	chr9:80939850-80939950
chr9	81031450	81031550	1065-Lng-C-T	90	chr9:81031450-81031550
chr9	81074050	81074150	1090-Lng-A-T	652	chr9:81074050-81074150
chr9	81207450	81207550	1004-Lng-A-T	50	chr9:81207450-81207550
chr9	81268350	81268450	1004-Lng-A-T	63	chr9:81268350-81268450
chr9	81316950	81317050	1004-Lng-A-T	70	chr9:81316950-81317050
chr9	81361350	81361450	846-Lng-A-T	69	chr9:81361350-81361450
chr9	81478850	81478950	1065-Lng-C-T	972	chr9:81478850-81478950

Table S2: SB Insertion regions

chr9	81648150	81648250	901-Lng-D-T	486	chr9:81648150-81648250
chr9	81655350	81655450	901-Lng-D-T	127	chr9:81655350-81655450
chr9	81679050	81679150	1223-Lng-B-T	35	chr9:81679050-81679150
chr9	81753950	81754050	901-Lng-C-T	76	chr9:81753950-81754050
chr9	81775350	81775450	901-Lng-B-T	193	chr9:81775350-81775450
chr9	81905250	81905350	1152-Lng-A-T	55	chr9:81905250-81905350
chr9	81928950	81929050	1065-Lng-B-T	57	chr9:81928950-81929050
chr9	82302050	82302150	1100-Lng-A-T	100	chr9:82302050-82302150
chr9	82325450	82325550	1100-Lng-A-T	98	chr9:82325450-82325550
chr9	82734050	82734150	1151-Lng-A-T	58	chr9:82734050-82734150
chr9	82761750	82761850	1151-Lng-A-T	360	chr9:82761750-82761850
chr9	82774150	82774250	1151-Lng-A-T	7600	chr9:82774150-82774250
chr9	82775750	82775850	1151-Lng-A-T	145	chr9:82775750-82775850
chr9	82800850	82800950	1151-Lng-A-T	459	chr9:82800850-82800950
chr9	82836850	82836950	901-Lng-B-T	129	chr9:82836850-82836950
chr9	82841050	82841150	1152-Lng-A-T	41	chr9:82841050-82841150
chr9	83123750	83123850	1152-Lng-A-T	125	chr9:83123750-83123850
chr9	83191250	83191350	901-Lng-B-T	171	chr9:83191250-83191350
chr9	83597350	83597450	1090-Lng-B-T	71	chr9:83597350-83597450
chr9	83608450	83608550	1274-Lng-A-T	82	chr9:83608450-83608550
chr9	84066950	84067050	1004-Lng-A-T	56	chr9:84066950-84067050
chr9	84223550	84223650	1072-Lng-A-T	62	chr9:84223550-84223650
chr9	84574150	84574250	1065-Lng-A-T	79	chr9:84574150-84574250
chr9	84676550	84676650	1167-Lng-A-T	96	chr9:84676550-84676650
chr9	84738450	84738550	1223-Lng-A-T	174	chr9:84738450-84738550
chr9	84792250	84792350	901-Lng-A-T	63	chr9:84792250-84792350
chr9	84806450	84806550	901-Lng-B-T	90	chr9:84806450-84806550
chr9	84953350	84953450	1223-Lng-A-T	242	chr9:84953350-84953450
chr9	85017650	85017750	1274-Lng-A-T	57	chr9:85017650-85017750
chr9	85382250	85382350	901-Lng-A-T	375	chr9:85382250-85382350
chr9	86253150	86253250	1223-Lng-B-T	40	chr9:86253150-86253250
chr9	86283450	86283550	1004-Lng-A-T	117	chr9:86283450-86283550
chr9	86451450	86451550	1090-Lng-A-T	96	chr9:86451450-86451550
chr9	86470950	86471050	1274-Lng-A-T	136	chr9:86470950-86471050
chr9	86512550	86512650	1274-Lng-A-T	69	chr9:86512550-86512650
chr9	86520050	86520150	1152-Lng-A-T	47	chr9:86520050-86520150
chr9	86529950	86530050	1065-Lng-B-T	58	chr9:86529950-86530050
chr9	86544750	86544850	1188-Lng-A-T	154	chr9:86544750-86544850
chr9	86897150	86897250	1065-Lng-B-T	80	chr9:86897150-86897250
chr9	86941650	86941750	846-Lng-A-T	69	chr9:86941650-86941750
chr9	86959250	86959350	901-Lng-B-T	87	chr9:86959250-86959350
chr9	87119650	87119750	901-Lng-D-T	95	chr9:87119650-87119750
chr9	87262450	87262550	1151-Lng-A-T	164	chr9:87262450-87262550
chr9	87359850	87359950	1065-Lng-A-T	39	chr9:87359850-87359950
chr9	87468450	87468550	901-Lng-B-T	136	chr9:87468450-87468550
chr9	87544250	87544350	1152-Lng-A-T	56	chr9:87544250-87544350

Table S2: SB Insertion regions

chr9	87835550	87835650	1065-Lng-B-T	46	chr9:87835550-87835650
chr9	87886950	87887050	1065-Lng-B-T	68	chr9:87886950-87887050
chr9	88137050	88137150	1167-Lng-A-T	52	chr9:88137050-88137150
chr9	88275250	88275350	1090-Lng-A-T	162	chr9:88275250-88275350
chr9	88304150	88304250	1090-Lng-A-T	53	chr9:88304150-88304250
chr9	88335150	88335250	1223-Lng-B-T	264	chr9:88335150-88335250
chr9	88364550	88364650	901-Lng-B-T	179	chr9:88364550-88364650
chr9	88397450	88397550	1188-Lng-A-T	11999	chr9:88397450-88397550
chr9	88453450	88453550	1090-Lng-A-T	76	chr9:88453450-88453550
chr9	88491150	88491250	1223-Lng-B-T	38	chr9:88491150-88491250
chr9	88740450	88740550	1100-Lng-A-T	96	chr9:88740450-88740550
chr9	89130250	89130350	1152-Lng-A-T	408	chr9:89130250-89130350
chr9	89164150	89164250	1100-Lng-A-T	66	chr9:89164150-89164250
chr9	89467550	89467650	1223-Lng-A-T	196	chr9:89467550-89467650
chr9	89482150	89482250	901-Lng-D-T	197	chr9:89482150-89482250
chr9	89547650	89547750	901-Lng-D-T	155	chr9:89547650-89547750
chr9	89576650	89576750	901-Lng-C-T	115	chr9:89576650-89576750
chr9	89852150	89852250	901-Lng-C-T	393	chr9:89852150-89852250
chr9	89920750	89920850	1274-Lng-A-T	55	chr9:89920750-89920850
chr9	89973650	89973750	1100-Lng-A-T	76	chr9:89973650-89973750
chr9	90003750	90003850	846-Lng-A-T	92	chr9:90003750-90003850
chr9	90124750	90124850	1223-Lng-B-T	115	chr9:90124750-90124850
chr9	90139550	90139650	1100-Lng-A-T	52	chr9:90139550-90139650
chr9	90166850	90166950	1004-Lng-A-T	57	chr9:90166850-90166950
chr9	90230650	90230750	901-Lng-C-T	28	chr9:90230650-90230750
chr9	90323950	90324050	1188-Lng-A-T	192	chr9:90323950-90324050
chr9	90885450	90885550	1004-Lng-A-T	671	chr9:90885450-90885550
chr9	91343050	91343150	901-Lng-B-T	46	chr9:91343050-91343150
chr9	91387950	91388050	1274-Lng-A-T	65	chr9:91387950-91388050
chr9	91432350	91432450	1151-Lng-A-T	54	chr9:91432350-91432450
chr9	91496850	91496950	901-Lng-A-T	71	chr9:91496850-91496950
chr9	91589050	91589150	901-Lng-B-T	208	chr9:91589050-91589150
chr9	91739150	91739250	901-Lng-D-T	138	chr9:91739150-91739250
chr9	91799250	91799350	1065-Lng-B-T	185	chr9:91799250-91799350
chr9	92083450	92083550	901-Lng-A-T	318	chr9:92083450-92083550
chr9	92274550	92274650	1072-Lng-A-T	160	chr9:92274550-92274650
chr9	92419950	92420050	901-Lng-A-T	57	chr9:92419950-92420050
chr9	92568050	92568150	901-Lng-C-T	56	chr9:92568050-92568150
chr9	92577450	92577550	1065-Lng-A-T	96	chr9:92577450-92577550
chr9	92723850	92723950	1090-Lng-A-T	56	chr9:92723850-92723950
chr9	92736950	92737050	901-Lng-C-T	273	chr9:92736950-92737050
chr9	93176750	93176850	1090-Lng-A-T	61	chr9:93176750-93176850
chr9	93199650	93199750	1152-Lng-A-T	240	chr9:93199650-93199750
chr9	93249250	93249350	1004-Lng-A-T	73	chr9:93249250-93249350
chr9	93282950	93283050	901-Lng-A-T	59	chr9:93282950-93283050
chr9	93387950	93388050	1223-Lng-A-T	325	chr9:93387950-93388050

Table S2: SB Insertion regions

chr9	93524950	93525050	901-Lng-C-T	29	chr9:93524950-93525050
chr9	93646350	93646450	1223-Lng-A-T	199	chr9:93646350-93646450
chr9	94191150	94191250	901-Lng-C-T	49	chr9:94191150-94191250
chr9	94382450	94382550	1152-Lng-A-T	37	chr9:94382450-94382550
chr9	94432050	94432150	901-Lng-B-T	117	chr9:94432050-94432150
chr9	94483150	94483250	1090-Lng-A-T	54	chr9:94483150-94483250
chr9	94588050	94588150	1274-Lng-A-T	138	chr9:94588050-94588150
chr9	95383150	95383250	1223-Lng-D-T	50	chr9:95383150-95383250
chr9	95397750	95397850	1065-Lng-A-T	41	chr9:95397750-95397850
chr9	95398850	95398950	1004-Lng-A-T	70	chr9:95398850-95398950
chr9	95410550	95410650	1223-Lng-D-T	67	chr9:95410550-95410650
chr9	95856850	95856950	1100-Lng-A-T	138	chr9:95856850-95856950
chr9	96059950	96060050	1151-Lng-A-T	192	chr9:96059950-96060050
chr9	96131550	96131650	1090-Lng-A-T	65	chr9:96131550-96131650
chr9	96189450	96189550	1065-Lng-B-T	48	chr9:96189450-96189550
chr9	96192350	96192450	901-Lng-D-T	312	chr9:96192350-96192450
chr9	96242350	96242450	1065-Lng-B-T	45	chr9:96242350-96242450
chr9	96262350	96262450	1223-Lng-B-T	130	chr9:96262350-96262450
chr9	96376950	96377050	1152-Lng-A-T	45	chr9:96376950-96377050
chr9	96440450	96440550	1090-Lng-A-T	226	chr9:96440450-96440550
chr9	96486450	96486550	1090-Lng-A-T	73	chr9:96486450-96486550
chr9	96486650	96486750	1223-Lng-A-T	183	chr9:96486650-96486750
chr9	96516950	96517050	1151-Lng-A-T	67	chr9:96516950-96517050
chr9	96530250	96530350	1100-Lng-A-T	60	chr9:96530250-96530350
chr9	96582950	96583050	1223-Lng-B-T	60	chr9:96582950-96583050
chr9	96583850	96583950	1004-Lng-A-T	640	chr9:96583850-96583950
chr9	96722550	96722650	1065-Lng-C-T	78	chr9:96722550-96722650
chr9	96761950	96762050	1223-Lng-C-T	146	chr9:96761950-96762050
chr9	96853350	96853450	1223-Lng-C-T	47	chr9:96853350-96853450
chr9	96983350	96983450	1274-Lng-A-T	114	chr9:96983350-96983450
chr9	96995150	96995250	1274-Lng-A-T	83	chr9:96995150-96995250
chr9	97004150	97004250	1152-Lng-A-T	142	chr9:97004150-97004250
chr9	97009550	97009650	1188-Lng-A-T	146	chr9:97009550-97009650
chr9	97055550	97055650	1188-Lng-A-T	518	chr9:97055550-97055650
chr9	97078150	97078250	1065-Lng-A-T	42	chr9:97078150-97078250
chr9	97362350	97362450	1223-Lng-B-T	70	chr9:97362350-97362450
chr9	97396650	97396750	1090-Lng-A-T	664	chr9:97396650-97396750
chr9	97517750	97517850	1065-Lng-A-T	36	chr9:97517750-97517850
chr9	97634650	97634750	901-Lng-C-T	47	chr9:97634650-97634750
chr9	97686850	97686950	1223-Lng-B-T	172	chr9:97686850-97686950
chr9	98149550	98149650	1152-Lng-A-T	64	chr9:98149550-98149650
chr9	98294950	98295050	901-Lng-C-T	29	chr9:98294950-98295050
chr9	98912350	98912450	846-Lng-A-T	106	chr9:98912350-98912450
chr9	98937150	98937250	901-Lng-C-T	62	chr9:98937150-98937250
chr9	98958250	98958350	901-Lng-B-T	105	chr9:98958250-98958350
chr9	98969550	98969650	1004-Lng-A-T	78	chr9:98969550-98969650

Table S2: SB Insertion regions

chr9	98969650	98969750	901-Lng-B-T	147	chr9:98969650-98969750
chr9	98978250	98978350	1167-Lng-A-T	114	chr9:98978250-98978350
chr9	98998550	98998650	1090-Lng-A-T	264	chr9:98998550-98998650
chr9	99148350	99148450	901-Lng-A-T	50	chr9:99148350-99148450
chr9	99149150	99149250	1100-Lng-B-T	66	chr9:99149150-99149250
chr9	99153750	99153850	1151-Lng-A-T	181	chr9:99153750-99153850
chr9	99185250	99185350	1004-Lng-A-T	55	chr9:99185250-99185350
chr9	99338050	99338150	1065-Lng-B-T	47	chr9:99338050-99338150
chr9	99396950	99397050	901-Lng-B-T	173	chr9:99396950-99397050
chr9	99419150	99419250	1274-Lng-A-T	159	chr9:99419150-99419250
chr9	99442750	99442850	901-Lng-C-T	42	chr9:99442750-99442850
chr9	99456550	99456650	1223-Lng-C-T	101	chr9:99456550-99456650
chr9	99509450	99509550	1223-Lng-C-T	49	chr9:99509450-99509550
chr9	99566450	99566550	1223-Lng-C-T	62	chr9:99566450-99566550
chr9	99876550	99876650	1167-Lng-A-T	127	chr9:99876550-99876650
chr9	100399150	100399250	1274-Lng-A-T	57	chr9:100399150-100399250
chr9	100426950	100427050	1274-Lng-A-T	69	chr9:100426950-100427050
chr9	100432850	100432950	1100-Lng-A-T	104	chr9:100432850-100432950
chr9	100471950	100472050	901-Lng-C-T	42	chr9:100471950-100472050
chr9	100517250	100517350	1223-Lng-C-T	48	chr9:100517250-100517350
chr9	100588150	100588250	1004-Lng-A-T	84	chr9:100588150-100588250
chr9	100598350	100598450	1065-Lng-A-T	114	chr9:100598350-100598450
chr9	100641950	100642050	1090-Lng-A-T	64	chr9:100641950-100642050
chr9	100650250	100650350	1004-Lng-A-T	59	chr9:100650250-100650350
chr9	100652350	100652450	1223-Lng-B-T	83	chr9:100652350-100652450
chr9	100676450	100676550	1072-Lng-A-T	127	chr9:100676450-100676550
chr9	100769350	100769450	901-Lng-D-T	355	chr9:100769350-100769450
chr9	100819250	100819350	1065-Lng-A-T	73	chr9:100819250-100819350
chr9	100899250	100899350	1065-Lng-A-T	40	chr9:100899250-100899350
chr9	100968050	100968150	1072-Lng-A-T	115	chr9:100968050-100968150
chr9	100999250	100999350	1151-Lng-A-T	366	chr9:100999250-100999350
chr9	101060550	101060650	1274-Lng-A-T	76	chr9:101060550-101060650
chr9	101084650	101084750	1065-Lng-A-T	44	chr9:101084650-101084750
chr9	101142050	101142150	901-Lng-B-T	121	chr9:101142050-101142150
chr9	101142950	101143050	901-Lng-B-T	200	chr9:101142950-101143050
chr9	101401450	101401550	1223-Lng-A-T	51	chr9:101401450-101401550
chr9	101502350	101502450	901-Lng-B-T	144	chr9:101502350-101502450
chr9	101901050	101901150	901-Lng-B-T	167	chr9:101901050-101901150
chr9	101979250	101979350	1152-Lng-A-T	48	chr9:101979250-101979350
chr9	102675550	102675650	1065-Lng-B-T	68	chr9:102675550-102675650
chr9	102760450	102760550	1065-Lng-C-T	64	chr9:102760450-102760550
chr9	102774450	102774550	1223-Lng-D-T	49	chr9:102774450-102774550
chr9	102905350	102905450	901-Lng-D-T	199	chr9:102905350-102905450
chr9	103097950	103098050	1167-Lng-A-T	74	chr9:103097950-103098050
chr9	103343250	103343350	1090-Lng-A-T	388	chr9:103343250-103343350
chr9	103351650	103351750	1223-Lng-A-T	147	chr9:103351650-103351750

Table S2: SB Insertion regions

chr9	103500350	103500450	901-Lng-C-T	53	chr9:103500350-103500450
chr9	103625350	103625450	1065-Lng-C-T	84	chr9:103625350-103625450
chr9	103959850	103959950	1151-Lng-A-T	113	chr9:103959850-103959950
chr9	103964550	103964650	1004-Lng-A-T	52	chr9:103964550-103964650
chr9	104053150	104053250	1090-Lng-A-T	109	chr9:104053150-104053250
chr9	104094750	104094850	1223-Lng-A-T	149	chr9:104094750-104094850
chr9	104142850	104142950	1167-Lng-A-T	92	chr9:104142850-104142950
chr9	104180350	104180450	1072-Lng-A-T	187	chr9:104180350-104180450
chr9	104323650	104323750	846-Lng-A-T	181	chr9:104323650-104323750
chr9	104366950	104367050	1100-Lng-B-T	11617	chr9:104366950-104367050
chr9	104444750	104444850	1065-Lng-B-T	111	chr9:104444750-104444850
chr9	104642350	104642450	1274-Lng-A-T	62	chr9:104642350-104642450
chr9	104706550	104706650	1004-Lng-A-T	51	chr9:104706550-104706650
chr9	104727350	104727450	1100-Lng-B-T	99	chr9:104727350-104727450
chr9	104865250	104865350	1072-Lng-A-T	71	chr9:104865250-104865350
chr9	105062650	105062750	1065-Lng-A-T	180	chr9:105062650-105062750
chr9	105285450	105285550	901-Lng-B-T	222	chr9:105285450-105285550
chr9	105423250	105423350	1072-Lng-A-T	65	chr9:105423250-105423350
chr9	105555650	105555750	901-Lng-C-T	32	chr9:105555650-105555750
chr9	105825750	105825850	1167-Lng-A-T	45	chr9:105825750-105825850
chr9	106074950	106075050	1152-Lng-A-T	69	chr9:106074950-106075050
chr9	106109950	106110050	1151-Lng-A-T	173	chr9:106109950-106110050
chr9	106158350	106158450	1072-Lng-A-T	180	chr9:106158350-106158450
chr9	106158950	106159050	1223-Lng-A-T	1451	chr9:106158950-106159050
chr9	106293550	106293650	1090-Lng-A-T	79	chr9:106293550-106293650
chr9	106504050	106504150	1152-Lng-A-T	40	chr9:106504050-106504150
chr9	106638650	106638750	901-Lng-C-T	63	chr9:106638650-106638750
chr9	106655750	106655850	1100-Lng-A-T	64	chr9:106655750-106655850
chr9	106673550	106673650	1090-Lng-A-T	854	chr9:106673550-106673650
chr9	106936450	106936550	901-Lng-C-T	45	chr9:106936450-106936550
chr9	106955950	106956050	1065-Lng-B-T	66	chr9:106955950-106956050
chr9	107073350	107073450	1065-Lng-B-T	60	chr9:107073350-107073450
chr9	107170350	107170450	1188-Lng-A-T	57	chr9:107170350-107170450
chr9	107350850	107350950	901-Lng-C-T	40	chr9:107350850-107350950
chr9	107423150	107423250	1090-Lng-B-T	239	chr9:107423150-107423250
chr9	107668050	107668150	1065-Lng-A-T	503	chr9:107668050-107668150
chr9	107670050	107670150	1072-Lng-A-T	118	chr9:107670050-107670150
chr9	107708150	107708250	1152-Lng-A-T	64	chr9:107708150-107708250
chr9	107758450	107758550	901-Lng-C-T	120	chr9:107758450-107758550
chr9	107765550	107765650	1223-Lng-D-T	53	chr9:107765550-107765650
chr9	107988650	107988750	1188-Lng-A-T	174	chr9:107988650-107988750
chr9	108137050	108137150	1004-Lng-A-T	49	chr9:108137050-108137150
chr9	108148950	108149050	1223-Lng-B-T	264	chr9:108148950-108149050
chr9	108149350	108149450	1004-Lng-A-T	69	chr9:108149350-108149450
chr9	108162250	108162350	1274-Lng-A-T	58	chr9:108162250-108162350
chr9	108205450	108205550	1090-Lng-A-T	63	chr9:108205450-108205550

Table S2: SB Insertion regions

chr9	108215050	108215150	901-Lng-A-T	79	chr9:108215050-108215150
chr9	108226550	108226650	1065-Lng-B-T	67	chr9:108226550-108226650
chr9	108283550	108283650	901-Lng-A-T	62	chr9:108283550-108283650
chr9	108430350	108430450	901-Lng-B-T	113	chr9:108430350-108430450
chr9	108598550	108598650	1167-Lng-A-T	46	chr9:108598550-108598650
chr9	108613950	108614050	1167-Lng-A-T	50	chr9:108613950-108614050
chr9	108624250	108624350	1072-Lng-A-T	58	chr9:108624250-108624350
chr9	108632650	108632750	901-Lng-C-T	79	chr9:108632650-108632750
chr9	108634950	108635050	1274-Lng-A-T	147	chr9:108634950-108635050
chr9	108694650	108694750	901-Lng-C-T	40	chr9:108694650-108694750
chr9	108694750	108694850	1223-Lng-A-T	60	chr9:108694750-108694850
chr9	108700150	108700250	901-Lng-C-T	47	chr9:108700150-108700250
chr9	108701950	108702050	1274-Lng-A-T	134	chr9:108701950-108702050
chr9	108705750	108705850	846-Lng-A-T	53	chr9:108705750-108705850
chr9	108822650	108822750	1065-Lng-A-T	45	chr9:108822650-108822750
chr9	108920750	108920850	1100-Lng-A-T	71	chr9:108920750-108920850
chr9	109347750	109347850	1188-Lng-A-T	72	chr9:109347750-109347850
chr9	109901950	109902050	1065-Lng-C-T	67	chr9:109901950-109902050
chr9	109935750	109935850	1223-Lng-A-T	171	chr9:109935750-109935850
chr9	109957050	109957150	1100-Lng-A-T	2184	chr9:109957050-109957150
chr9	110102550	110102650	1100-Lng-B-T	61	chr9:110102550-110102650
chr9	110141950	110142050	1223-Lng-B-T	62	chr9:110141950-110142050
chr9	110181850	110181950	846-Lng-A-T	61	chr9:110181850-110181950
chr9	110355650	110355750	1065-Lng-A-T	87	chr9:110355650-110355750
chr9	110413350	110413450	1065-Lng-B-T	288	chr9:110413350-110413450
chr9	110413450	110413550	1065-Lng-A-T	96	chr9:110413450-110413550
chr9	110439150	110439250	1152-Lng-A-T	60	chr9:110439150-110439250
chr9	110449350	110449450	901-Lng-A-T	653	chr9:110449350-110449450
chr9	110471650	110471750	1274-Lng-A-T	63	chr9:110471650-110471750
chr9	110486850	110486950	1152-Lng-A-T	53	chr9:110486850-110486950
chr9	110487450	110487550	1100-Lng-A-T	93	chr9:110487450-110487550
chr9	110491050	110491150	1100-Lng-A-T	122	chr9:110491050-110491150
chr9	110492050	110492150	901-Lng-A-T	57	chr9:110492050-110492150
chr9	110510050	110510150	1274-Lng-A-T	161	chr9:110510050-110510150
chr9	110520250	110520350	1188-Lng-A-T	149	chr9:110520250-110520350
chr9	110525350	110525450	1065-Lng-B-T	75	chr9:110525350-110525450
chr9	110574550	110574650	1100-Lng-A-T	166	chr9:110574550-110574650
chr9	110744750	110744850	1004-Lng-A-T	65	chr9:110744750-110744850
chr9	110945650	110945750	901-Lng-D-T	141	chr9:110945650-110945750
chr9	111146350	111146450	1065-Lng-B-T	52	chr9:111146350-111146450
chr9	111573250	111573350	1223-Lng-B-T	53	chr9:111573250-111573350
chr9	112263550	112263650	1065-Lng-B-T	39	chr9:112263550-112263650
chr9	112338550	112338650	1065-Lng-A-T	45	chr9:112338550-112338650
chr9	112398350	112398450	1223-Lng-B-T	41	chr9:112398350-112398450
chr9	112503250	112503350	1065-Lng-A-T	116	chr9:112503250-112503350
chr9	112520550	112520650	846-Lng-A-T	130	chr9:112520550-112520650

Table S2: SB Insertion regions

chr9	112599650	112599750	901-Lng-B-T	94	chr9:112599650-112599750
chr9	112932450	112932550	1274-Lng-A-T	73	chr9:112932450-112932550
chr9	112933250	112933350	1223-Lng-B-T	44	chr9:112933250-112933350
chr9	113081850	113081950	1065-Lng-C-T	63	chr9:113081850-113081950
chr9	113088350	113088450	1072-Lng-A-T	59	chr9:113088350-113088450
chr9	113566650	113566750	1065-Lng-A-T	57	chr9:113566650-113566750
chr9	113567650	113567750	846-Lng-A-T	65	chr9:113567650-113567750
chr9	113597250	113597350	1065-Lng-B-T	41	chr9:113597250-113597350
chr9	113601150	113601250	901-Lng-D-T	231	chr9:113601150-113601250
chr9	113603150	113603250	1072-Lng-A-T	100	chr9:113603150-113603250
chr9	113603150	113603250	1065-Lng-C-T	115	chr9:113603150-113603250
chr9	113616450	113616550	901-Lng-D-T	451	chr9:113616450-113616550
chr9	113717450	113717550	901-Lng-B-T	79	chr9:113717450-113717550
chr9	113796450	113796550	846-Lng-A-T	120	chr9:113796450-113796550
chr9	113823650	113823750	1065-Lng-B-T	56	chr9:113823650-113823750
chr9	113850550	113850650	1072-Lng-A-T	59	chr9:113850550-113850650
chr9	113864050	113864150	1274-Lng-A-T	156	chr9:113864050-113864150
chr9	113876250	113876350	1065-Lng-B-T	80	chr9:113876250-113876350
chr9	114293450	114293550	1090-Lng-B-T	352	chr9:114293450-114293550
chr9	114504950	114505050	1090-Lng-A-T	78	chr9:114504950-114505050
chr9	114535350	114535450	1223-Lng-C-T	44	chr9:114535350-114535450
chr9	114577850	114577950	1065-Lng-B-T	58	chr9:114577850-114577950
chr9	114617150	114617250	901-Lng-A-T	75	chr9:114617150-114617250
chr9	114642950	114643050	1223-Lng-B-T	117	chr9:114642950-114643050
chr9	114704350	114704450	1100-Lng-A-T	90	chr9:114704350-114704450
chr9	114739950	114740050	1188-Lng-A-T	68	chr9:114739950-114740050
chr9	114857550	114857650	1090-Lng-A-T	53	chr9:114857550-114857650
chr9	114913350	114913450	901-Lng-D-T	231	chr9:114913350-114913450
chr9	115097750	115097850	1004-Lng-A-T	179	chr9:115097750-115097850
chr9	115117250	115117350	1274-Lng-A-T	83	chr9:115117250-115117350
chr9	115156450	115156550	901-Lng-A-T	53	chr9:115156450-115156550
chr9	115185550	115185650	846-Lng-A-T	104	chr9:115185550-115185650
chr9	115211550	115211650	1065-Lng-A-T	131	chr9:115211550-115211650
chr9	115422350	115422450	1065-Lng-B-T	102	chr9:115422350-115422450
chr9	115626450	115626550	1090-Lng-A-T	72	chr9:115626450-115626550
chr9	115662050	115662150	901-Lng-C-T	88	chr9:115662050-115662150
chr9	115924150	115924250	1090-Lng-A-T	49	chr9:115924150-115924250
chr9	115990050	115990150	1072-Lng-A-T	64	chr9:115990050-115990150
chr9	115993850	115993950	1167-Lng-A-T	47	chr9:115993850-115993950
chr9	116034350	116034450	1004-Lng-A-T	105	chr9:116034350-116034450
chr9	116076750	116076850	1100-Lng-A-T	78	chr9:116076750-116076850
chr9	116127150	116127250	1090-Lng-A-T	107	chr9:116127150-116127250
chr9	116152250	116152350	1065-Lng-C-T	74	chr9:116152250-116152350
chr9	116591550	116591650	1065-Lng-B-T	59	chr9:116591550-116591650
chr9	116656450	116656550	1188-Lng-A-T	59	chr9:116656450-116656550
chr9	116807450	116807550	1223-Lng-D-T	52	chr9:116807450-116807550

Table S2: SB Insertion regions

chr9	116813250	116813350	901-Lng-D-T	43	chr9:116813250-116813350
chr9	116862550	116862650	901-Lng-C-T	36	chr9:116862550-116862650
chr9	116954050	116954150	1223-Lng-C-T	74	chr9:116954050-116954150
chr9	116969750	116969850	1274-Lng-A-T	152	chr9:116969750-116969850
chr9	116978650	116978750	1151-Lng-A-T	60	chr9:116978650-116978750
chr9	117126650	117126750	1065-Lng-C-T	69	chr9:117126650-117126750
chr9	117153950	117154050	901-Lng-A-T	132	chr9:117153950-117154050
chr9	117444950	117445050	1090-Lng-A-T	121	chr9:117444950-117445050
chr9	117465150	117465250	1065-Lng-B-T	59	chr9:117465150-117465250
chr9	117534550	117534650	1152-Lng-A-T	130	chr9:117534550-117534650
chr9	117908650	117908750	1223-Lng-D-T	52	chr9:117908650-117908750
chr9	117952850	117952950	1151-Lng-A-T	58	chr9:117952850-117952950
chr9	118408450	118408550	1152-Lng-A-T	126	chr9:118408450-118408550
chr9	118430550	118430650	1100-Lng-A-T	274	chr9:118430550-118430650
chr9	118448550	118448650	1274-Lng-A-T	242	chr9:118448550-118448650
chr9	118479650	118479750	846-Lng-A-T	187	chr9:118479650-118479750
chr9	118482850	118482950	1004-Lng-A-T	52	chr9:118482850-118482950
chr9	118512350	118512450	1152-Lng-A-T	99	chr9:118512350-118512450
chr9	118530350	118530450	1065-Lng-A-T	48	chr9:118530350-118530450
chr9	118574150	118574250	1100-Lng-A-T	85	chr9:118574150-118574250
chr9	118575850	118575950	1152-Lng-A-T	73	chr9:118575850-118575950
chr9	118660850	118660950	1188-Lng-A-T	37	chr9:118660850-118660950
chr9	118682450	118682550	1188-Lng-A-T	40	chr9:118682450-118682550
chr9	118730450	118730550	1152-Lng-A-T	56	chr9:118730450-118730550
chr9	118737950	118738050	1167-Lng-A-T	124	chr9:118737950-118738050
chr9	118832450	118832550	1065-Lng-B-T	65	chr9:118832450-118832550
chr9	118847150	118847250	901-Lng-A-T	125	chr9:118847150-118847250
chr9	118890350	118890450	1274-Lng-A-T	63	chr9:118890350-118890450
chr9	118971650	118971750	901-Lng-B-T	42	chr9:118971650-118971750
chr9	119136450	119136550	901-Lng-C-T	43	chr9:119136450-119136550
chr9	119165950	119166050	1274-Lng-A-T	63	chr9:119165950-119166050
chr9	119384850	119384950	901-Lng-D-T	117	chr9:119384850-119384950
chr9	120104150	120104250	1004-Lng-A-T	84	chr9:120104150-120104250
chr9	120191850	120191950	846-Lng-A-T	45	chr9:120191850-120191950
chr9	120329450	120329550	901-Lng-A-T	115	chr9:120329450-120329550
chr9	120774750	120774850	1004-Lng-A-T	101	chr9:120774750-120774850
chr9	120795750	120795850	1004-Lng-A-T	79	chr9:120795750-120795850
chr9	120853950	120854050	1152-Lng-A-T	312	chr9:120853950-120854050
chr9	120856750	120856850	1151-Lng-A-T	88	chr9:120856750-120856850
chr9	120918650	120918750	1223-Lng-D-T	44	chr9:120918650-120918750
chr9	121165550	121165650	1072-Lng-A-T	56	chr9:121165550-121165650
chr9	121218750	121218850	1223-Lng-C-T	744	chr9:121218750-121218850
chr9	121244850	121244950	1223-Lng-A-T	71	chr9:121244850-121244950
chr9	121265050	121265150	1100-Lng-A-T	143	chr9:121265050-121265150
chr9	121322850	121322950	901-Lng-D-T	296	chr9:121322850-121322950
chr9	121730150	121730250	901-Lng-C-T	77	chr9:121730150-121730250

Table S2: SB Insertion regions

chr9	121878850	121878950	1274-Lng-A-T	185	chr9:121878850-121878950
chr9	121955150	121955250	1004-Lng-A-T	52	chr9:121955150-121955250
chr9	122050450	122050550	1004-Lng-A-T	82	chr9:122050450-122050550
chr9	122128350	122128450	1152-Lng-A-T	192	chr9:122128350-122128450
chr9	122276650	122276750	901-Lng-B-T	236	chr9:122276650-122276750
chr9	122286850	122286950	1274-Lng-A-T	161	chr9:122286850-122286950
chr9	122652050	122652150	1223-Lng-D-T	47	chr9:122652050-122652150
chr9	122784050	122784150	901-Lng-B-T	121	chr9:122784050-122784150
chr9	122861150	122861250	1223-Lng-D-T	55	chr9:122861150-122861250
chr9	122926250	122926350	1065-Lng-B-T	59	chr9:122926250-122926350
chr9	122929450	122929550	846-Lng-A-T	125	chr9:122929450-122929550
chr9	123037250	123037350	1274-Lng-A-T	207	chr9:123037250-123037350
chr9	123041250	123041350	1100-Lng-B-T	212	chr9:123041250-123041350
chr9	123070150	123070250	901-Lng-D-T	104	chr9:123070150-123070250
chr9	123075050	123075150	1223-Lng-C-T	60	chr9:123075050-123075150
chr9	123117550	123117650	1151-Lng-A-T	409	chr9:123117550-123117650
chr9	123277950	123278050	1004-Lng-A-T	49	chr9:123277950-123278050
chr9	123412650	123412750	1065-Lng-C-T	137	chr9:123412650-123412750
chr9	123433950	123434050	1274-Lng-A-T	56	chr9:123433950-123434050
chr9	123445750	123445850	1100-Lng-A-T	51	chr9:123445750-123445850
chr9	123448950	123449050	1152-Lng-A-T	37	chr9:123448950-123449050
chr9	123478850	123478950	1167-Lng-A-T	66	chr9:123478850-123478950
chr9	123478950	123479050	1004-Lng-A-T	53	chr9:123478950-123479050
chr9	123576050	123576150	901-Lng-D-T	512	chr9:123576050-123576150
chr9	123615550	123615650	901-Lng-A-T	86	chr9:123615550-123615650
chr9	123666750	123666850	1004-Lng-A-T	49	chr9:123666750-123666850
chr9	123732650	123732750	1274-Lng-A-T	119	chr9:123732650-123732750
chr9	123746250	123746350	1274-Lng-A-T	1245	chr9:123746250-123746350
chr9	123859650	123859750	846-Lng-A-T	80	chr9:123859650-123859750
chr9	123888750	123888850	1223-Lng-C-T	44	chr9:123888750-123888850
chr9	123943150	123943250	901-Lng-B-T	154	chr9:123943150-123943250
chrX	3003450	3003550	901-Lng-B-T	93	chrX:3003450-3003550
chrX	3906350	3906450	1167-Lng-A-T	83	chrX:3906350-3906450
chrX	4183850	4183950	901-Lng-D-T	38	chrX:4183850-4183950
chrX	4221750	4221850	1065-Lng-B-T	56	chrX:4221750-4221850
chrX	5023850	5023950	901-Lng-B-T	555	chrX:5023850-5023950
chrX	5172650	5172750	901-Lng-B-T	38	chrX:5172650-5172750
chrX	5357150	5357250	1065-Lng-C-T	64	chrX:5357150-5357250
chrX	5378950	5379050	1100-Lng-A-T	78	chrX:5378950-5379050
chrX	5494350	5494450	846-Lng-A-T	244	chrX:5494350-5494450
chrX	5546650	5546750	1223-Lng-A-T	376	chrX:5546650-5546750
chrX	6033150	6033250	1065-Lng-B-T	92	chrX:6033150-6033250
chrX	6036250	6036350	1188-Lng-A-T	45	chrX:6036250-6036350
chrX	6117950	6118050	901-Lng-D-T	86	chrX:6117950-6118050
chrX	6121550	6121650	1065-Lng-B-T	62	chrX:6121550-6121650
chrX	6138550	6138650	1065-Lng-A-T	798	chrX:6138550-6138650

Table S2: SB Insertion regions

chrX	6139550	6139650	1223-Lng-D-T	42	chrX:6139550-6139650
chrX	6155250	6155350	1223-Lng-B-T	377	chrX:6155250-6155350
chrX	6166750	6166850	1223-Lng-B-T	35	chrX:6166750-6166850
chrX	6336550	6336650	846-Lng-A-T	199	chrX:6336550-6336650
chrX	6514950	6515050	901-Lng-C-T	81	chrX:6514950-6515050
chrX	6520550	6520650	1065-Lng-C-T	105	chrX:6520550-6520650
chrX	6761150	6761250	1223-Lng-B-T	83	chrX:6761150-6761250
chrX	6775950	6776050	1188-Lng-A-T	53	chrX:6775950-6776050
chrX	6810650	6810750	1065-Lng-A-T	45	chrX:6810650-6810750
chrX	6854950	6855050	1065-Lng-B-T	112	chrX:6854950-6855050
chrX	7020950	7021050	901-Lng-A-T	538	chrX:7020950-7021050
chrX	7041450	7041550	1223-Lng-A-T	118	chrX:7041450-7041550
chrX	7241750	7241850	1100-Lng-B-T	58	chrX:7241750-7241850
chrX	7262050	7262150	901-Lng-D-T	307	chrX:7262050-7262150
chrX	7516550	7516650	901-Lng-A-T	112	chrX:7516550-7516650
chrX	7717350	7717450	1152-Lng-A-T	369	chrX:7717350-7717450
chrX	7887550	7887650	1065-Lng-B-T	55	chrX:7887550-7887650
chrX	8090150	8090250	901-Lng-C-T	106	chrX:8090150-8090250
chrX	8091050	8091150	1065-Lng-B-T	40	chrX:8091050-8091150
chrX	8324850	8324950	1100-Lng-A-T	79	chrX:8324850-8324950
chrX	9136050	9136150	1223-Lng-B-T	269	chrX:9136050-9136150
chrX	9232750	9232850	1065-Lng-A-T	101	chrX:9232750-9232850
chrX	9327450	9327550	1004-Lng-A-T	97	chrX:9327450-9327550
chrX	9338450	9338550	1223-Lng-D-T	40	chrX:9338450-9338550
chrX	9399050	9399150	1100-Lng-A-T	236	chrX:9399050-9399150
chrX	9486550	9486650	1065-Lng-C-T	61	chrX:9486550-9486650
chrX	9494250	9494350	1065-Lng-B-T	110	chrX:9494250-9494350
chrX	9820450	9820550	1065-Lng-A-T	52	chrX:9820450-9820550
chrX	10022650	10022750	1223-Lng-A-T	129	chrX:10022650-10022750
chrX	10223550	10223650	901-Lng-D-T	264	chrX:10223550-10223650
chrX	11480250	11480350	1090-Lng-B-T	590	chrX:11480250-11480350
chrX	11555150	11555250	901-Lng-C-T	38	chrX:11555150-11555250
chrX	11598450	11598550	846-Lng-A-T	178	chrX:11598450-11598550
chrX	11680150	11680250	1274-Lng-A-T	80	chrX:11680150-11680250
chrX	11979150	11979250	1004-Lng-A-T	61	chrX:11979150-11979250
chrX	12013750	12013850	846-Lng-A-T	94	chrX:12013750-12013850
chrX	12206750	12206850	901-Lng-D-T	417	chrX:12206750-12206850
chrX	12483550	12483650	901-Lng-C-T	40	chrX:12483550-12483650
chrX	12499250	12499350	846-Lng-A-T	124	chrX:12499250-12499350
chrX	12548850	12548950	1090-Lng-A-T	46	chrX:12548850-12548950
chrX	12610750	12610850	1223-Lng-D-T	40	chrX:12610750-12610850
chrX	12660050	12660150	1274-Lng-A-T	62	chrX:12660050-12660150
chrX	12660650	12660750	1167-Lng-A-T	87	chrX:12660650-12660750
chrX	12703750	12703850	1152-Lng-A-T	208	chrX:12703750-12703850
chrX	12736050	12736150	1065-Lng-C-T	1655	chrX:12736050-12736150
chrX	13224250	13224350	1004-Lng-A-T	62	chrX:13224250-13224350

Table S2: SB Insertion regions

chrX	13273450	13273550	1065-Lng-B-T	41	chrX:13273450-13273550
chrX	13280550	13280650	1223-Lng-B-T	66	chrX:13280550-13280650
chrX	13384450	13384550	1100-Lng-A-T	111	chrX:13384450-13384550
chrX	13396750	13396850	1100-Lng-A-T	57	chrX:13396750-13396850
chrX	13415150	13415250	1004-Lng-A-T	1072	chrX:13415150-13415250
chrX	13594250	13594350	901-Lng-A-T	330	chrX:13594250-13594350
chrX	13645350	13645450	1167-Lng-A-T	53	chrX:13645350-13645450
chrX	13865350	13865450	1223-Lng-A-T	77	chrX:13865350-13865450
chrX	13946850	13946950	1188-Lng-A-T	36	chrX:13946850-13946950
chrX	14295350	14295450	846-Lng-A-T	298	chrX:14295350-14295450
chrX	14333950	14334050	901-Lng-A-T	125	chrX:14333950-14334050
chrX	14381950	14382050	1100-Lng-A-T	57	chrX:14381950-14382050
chrX	14905250	14905350	1090-Lng-A-T	94	chrX:14905250-14905350
chrX	15304850	15304950	1100-Lng-A-T	85	chrX:15304850-15304950
chrX	15341950	15342050	1223-Lng-B-T	41	chrX:15341950-15342050
chrX	15343050	15343150	1188-Lng-A-T	43	chrX:15343050-15343150
chrX	15353750	15353850	1065-Lng-B-T	59	chrX:15353750-15353850
chrX	15453750	15453850	1223-Lng-D-T	51	chrX:15453750-15453850
chrX	16200750	16200850	1223-Lng-C-T	64	chrX:16200750-16200850
chrX	16285450	16285550	901-Lng-C-T	45	chrX:16285450-16285550
chrX	16296150	16296250	1223-Lng-B-T	79	chrX:16296150-16296250
chrX	16331250	16331350	1004-Lng-A-T	84	chrX:16331250-16331350
chrX	16537150	16537250	901-Lng-A-T	54	chrX:16537150-16537250
chrX	17084850	17084950	1090-Lng-A-T	76	chrX:17084850-17084950
chrX	17137450	17137550	1274-Lng-A-T	159	chrX:17137450-17137550
chrX	17496350	17496450	1065-Lng-B-T	47	chrX:17496350-17496450
chrX	17585650	17585750	1223-Lng-C-T	43	chrX:17585650-17585750
chrX	17754750	17754850	1223-Lng-C-T	44	chrX:17754750-17754850
chrX	17764650	17764750	1090-Lng-A-T	709	chrX:17764650-17764750
chrX	17772150	17772250	901-Lng-B-T	103	chrX:17772150-17772250
chrX	17783950	17784050	1274-Lng-A-T	75	chrX:17783950-17784050
chrX	17823750	17823850	1223-Lng-B-T	1168	chrX:17823750-17823850
chrX	17828150	17828250	1223-Lng-B-T	59	chrX:17828150-17828250
chrX	17830250	17830350	1090-Lng-A-T	69	chrX:17830250-17830350
chrX	17848750	17848850	901-Lng-B-T	190	chrX:17848750-17848850
chrX	17855050	17855150	1188-Lng-A-T	56	chrX:17855050-17855150
chrX	17918150	17918250	1065-Lng-C-T	1061	chrX:17918150-17918250
chrX	17955150	17955250	1065-Lng-A-T	61	chrX:17955150-17955250
chrX	17971250	17971350	1065-Lng-A-T	234	chrX:17971250-17971350
chrX	17978550	17978650	1223-Lng-B-T	70	chrX:17978550-17978650
chrX	18078450	18078550	1065-Lng-B-T	78	chrX:18078450-18078550
chrX	18592550	18592650	1223-Lng-A-T	243	chrX:18592550-18592650
chrX	18653350	18653450	1004-Lng-A-T	129	chrX:18653350-18653450
chrX	18733550	18733650	1065-Lng-A-T	39	chrX:18733550-18733650
chrX	18736350	18736450	1090-Lng-B-T	306	chrX:18736350-18736450
chrX	18746750	18746850	1151-Lng-A-T	238	chrX:18746750-18746850

Table S2: SB Insertion regions

chrX	19194750	19194850	901-Lng-A-T	88	chrX:19194750-19194850
chrX	19628650	19628750	901-Lng-B-T	249	chrX:19628650-19628750
chrX	20081350	20081450	901-Lng-A-T	552	chrX:20081350-20081450
chrX	20139550	20139650	846-Lng-A-T	137	chrX:20139550-20139650
chrX	20149350	20149450	1100-Lng-A-T	65	chrX:20149350-20149450
chrX	20201450	20201550	1100-Lng-A-T	711	chrX:20201450-20201550
chrX	20429850	20429950	1223-Lng-B-T	39	chrX:20429850-20429950
chrX	20464550	20464650	1065-Lng-C-T	90	chrX:20464550-20464650
chrX	20590950	20591050	1223-Lng-A-T	64	chrX:20590950-20591050
chrX	20747650	20747750	901-Lng-C-T	76	chrX:20747650-20747750
chrX	20810550	20810650	1151-Lng-A-T	58	chrX:20810550-20810650
chrX	20828850	20828950	1065-Lng-A-T	43	chrX:20828850-20828950
chrX	21050450	21050550	1152-Lng-A-T	62	chrX:21050450-21050550
chrX	21142750	21142850	846-Lng-A-T	149	chrX:21142750-21142850
chrX	21217450	21217550	1223-Lng-D-T	47	chrX:21217450-21217550
chrX	21264850	21264950	1152-Lng-A-T	59	chrX:21264850-21264950
chrX	21283350	21283450	1188-Lng-A-T	86	chrX:21283350-21283450
chrX	21300350	21300450	1065-Lng-B-T	59	chrX:21300350-21300450
chrX	21354450	21354550	1065-Lng-B-T	135	chrX:21354450-21354550
chrX	21510850	21510950	1167-Lng-A-T	55	chrX:21510850-21510950
chrX	21514250	21514350	846-Lng-A-T	379	chrX:21514250-21514350
chrX	22433450	22433550	1065-Lng-C-T	71	chrX:22433450-22433550
chrX	22439750	22439850	1151-Lng-A-T	96	chrX:22439750-22439850
chrX	22468250	22468350	1188-Lng-A-T	39	chrX:22468250-22468350
chrX	22685950	22686050	1072-Lng-A-T	51	chrX:22685950-22686050
chrX	22769850	22769950	901-Lng-C-T	92	chrX:22769850-22769950
chrX	22807550	22807650	1065-Lng-A-T	90	chrX:22807550-22807650
chrX	22894350	22894450	1065-Lng-A-T	84	chrX:22894350-22894450
chrX	22922150	22922250	901-Lng-C-T	387	chrX:22922150-22922250
chrX	23000750	23000850	1223-Lng-B-T	41	chrX:23000750-23000850
chrX	23077950	23078050	1065-Lng-B-T	56	chrX:23077950-23078050
chrX	23284150	23284250	846-Lng-A-T	170	chrX:23284150-23284250
chrX	23375350	23375450	1151-Lng-A-T	144	chrX:23375350-23375450
chrX	23626450	23626550	1274-Lng-A-T	79	chrX:23626450-23626550
chrX	23980550	23980650	1274-Lng-A-T	136	chrX:23980550-23980650
chrX	24049350	24049450	1004-Lng-A-T	337	chrX:24049350-24049450
chrX	24265750	24265850	901-Lng-C-T	50	chrX:24265750-24265850
chrX	31934150	31934250	901-Lng-D-T	52	chrX:31934150-31934250
chrX	32129650	32129750	1065-Lng-A-T	35	chrX:32129650-32129750
chrX	32153850	32153950	1090-Lng-B-T	369	chrX:32153850-32153950
chrX	33223550	33223650	901-Lng-B-T	85	chrX:33223550-33223650
chrX	33675450	33675550	1274-Lng-A-T	179	chrX:33675450-33675550
chrX	33684350	33684450	1274-Lng-A-T	57	chrX:33684350-33684450
chrX	33716950	33717050	1223-Lng-C-T	43	chrX:33716950-33717050
chrX	34297450	34297550	1065-Lng-B-T	62	chrX:34297450-34297550
chrX	34376050	34376150	1223-Lng-D-T	119	chrX:34376050-34376150

Table S2: SB Insertion regions

chrX	34432050	34432150	1223-Lng-C-T	58	chrX:34432050-34432150
chrX	34516950	34517050	1065-Lng-C-T	359	chrX:34516950-34517050
chrX	34582250	34582350	1072-Lng-A-T	116	chrX:34582250-34582350
chrX	34693750	34693850	1151-Lng-A-T	254	chrX:34693750-34693850
chrX	34707850	34707950	1065-Lng-C-T	65	chrX:34707850-34707950
chrX	34729850	34729950	1090-Lng-A-T	535	chrX:34729850-34729950
chrX	35569650	35569750	1065-Lng-C-T	82	chrX:35569650-35569750
chrX	35591150	35591250	1274-Lng-A-T	76	chrX:35591150-35591250
chrX	35790950	35791050	1090-Lng-A-T	89	chrX:35790950-35791050
chrX	35901450	35901550	1065-Lng-B-T	71	chrX:35901450-35901550
chrX	35981650	35981750	1223-Lng-B-T	51	chrX:35981650-35981750
chrX	36178350	36178450	1100-Lng-A-T	125	chrX:36178350-36178450
chrX	36178450	36178550	901-Lng-B-T	250	chrX:36178450-36178550
chrX	36252750	36252850	901-Lng-B-T	118	chrX:36252750-36252850
chrX	36502250	36502350	1274-Lng-A-T	189	chrX:36502250-36502350
chrX	36543150	36543250	901-Lng-A-T	59	chrX:36543150-36543250
chrX	36602750	36602850	901-Lng-B-T	74	chrX:36602750-36602850
chrX	36768450	36768550	846-Lng-A-T	102	chrX:36768450-36768550
chrX	36779750	36779850	846-Lng-A-T	119	chrX:36779750-36779850
chrX	37022850	37022950	1065-Lng-C-T	353	chrX:37022850-37022950
chrX	37115250	37115350	901-Lng-C-T	91	chrX:37115250-37115350
chrX	37407050	37407150	1004-Lng-A-T	1516	chrX:37407050-37407150
chrX	37407750	37407850	1004-Lng-A-T	205	chrX:37407750-37407850
chrX	37411950	37412050	1004-Lng-A-T	57	chrX:37411950-37412050
chrX	37434550	37434650	1004-Lng-A-T	53	chrX:37434550-37434650
chrX	37446550	37446650	1004-Lng-A-T	52	chrX:37446550-37446650
chrX	37546750	37546850	1072-Lng-A-T	111	chrX:37546750-37546850
chrX	37706950	37707050	1065-Lng-A-T	45	chrX:37706950-37707050
chrX	37862050	37862150	1223-Lng-A-T	868	chrX:37862050-37862150
chrX	38037050	38037150	1004-Lng-A-T	66	chrX:38037050-38037150
chrX	38250950	38251050	1223-Lng-D-T	40	chrX:38250950-38251050
chrX	38258550	38258650	901-Lng-B-T	44	chrX:38258550-38258650
chrX	38556150	38556250	1223-Lng-B-T	47	chrX:38556150-38556250
chrX	38734750	38734850	901-Lng-B-T	471	chrX:38734750-38734850
chrX	38924850	38924950	1065-Lng-B-T	52	chrX:38924850-38924950
chrX	39018750	39018850	1100-Lng-B-T	91	chrX:39018750-39018850
chrX	39147950	39148050	1151-Lng-A-T	202	chrX:39147950-39148050
chrX	39149350	39149450	1100-Lng-B-T	116	chrX:39149350-39149450
chrX	39273150	39273250	901-Lng-B-T	83	chrX:39273150-39273250
chrX	39303050	39303150	1100-Lng-B-T	411	chrX:39303050-39303150
chrX	39312650	39312750	1100-Lng-B-T	53	chrX:39312650-39312750
chrX	39351950	39352050	1065-Lng-C-T	145	chrX:39351950-39352050
chrX	39418450	39418550	901-Lng-A-T	92	chrX:39418450-39418550
chrX	39462750	39462850	901-Lng-A-T	50	chrX:39462750-39462850
chrX	39507250	39507350	901-Lng-A-T	313	chrX:39507250-39507350
chrX	39530750	39530850	1100-Lng-A-T	60	chrX:39530750-39530850

Table S2: SB Insertion regions

chrX	39548450	39548550	1188-Lng-A-T	45	chrX:39548450-39548550
chrX	39551550	39551650	1167-Lng-A-T	132	chrX:39551550-39551650
chrX	39575250	39575350	1100-Lng-A-T	75	chrX:39575250-39575350
chrX	39583250	39583350	1065-Lng-A-T	74	chrX:39583250-39583350
chrX	39583750	39583850	1100-Lng-A-T	138	chrX:39583750-39583850
chrX	39599850	39599950	1100-Lng-A-T	69	chrX:39599850-39599950
chrX	39607950	39608050	901-Lng-D-T	80	chrX:39607950-39608050
chrX	39612750	39612850	1065-Lng-B-T	58	chrX:39612750-39612850
chrX	39625550	39625650	1274-Lng-A-T	229	chrX:39625550-39625650
chrX	39626850	39626950	901-Lng-A-T	52	chrX:39626850-39626950
chrX	39775350	39775450	901-Lng-B-T	49	chrX:39775350-39775450
chrX	39775950	39776050	901-Lng-B-T	301	chrX:39775950-39776050
chrX	39782150	39782250	1223-Lng-B-T	175	chrX:39782150-39782250
chrX	39790850	39790950	1100-Lng-B-T	1358	chrX:39790850-39790950
chrX	39802950	39803050	1090-Lng-B-T	274	chrX:39802950-39803050
chrX	40272350	40272450	1152-Lng-A-T	94	chrX:40272350-40272450
chrX	40478850	40478950	1152-Lng-A-T	151	chrX:40478850-40478950
chrX	40578650	40578750	1065-Lng-A-T	246	chrX:40578650-40578750
chrX	40703650	40703750	901-Lng-C-T	55	chrX:40703650-40703750
chrX	40796350	40796450	1100-Lng-A-T	60	chrX:40796350-40796450
chrX	40798650	40798750	846-Lng-A-T	186	chrX:40798650-40798750
chrX	40819450	40819550	901-Lng-B-T	193	chrX:40819450-40819550
chrX	40878450	40878550	901-Lng-B-T	125	chrX:40878450-40878550
chrX	41000750	41000850	1223-Lng-B-T	40	chrX:41000750-41000850
chrX	41324150	41324250	1004-Lng-A-T	161	chrX:41324150-41324250
chrX	41725950	41726050	901-Lng-B-T	90	chrX:41725950-41726050
chrX	42158850	42158950	1223-Lng-D-T	65	chrX:42158850-42158950
chrX	42193850	42193950	901-Lng-A-T	103	chrX:42193850-42193950
chrX	42273750	42273850	1223-Lng-C-T	45	chrX:42273750-42273850
chrX	42353450	42353550	1065-Lng-A-T	51	chrX:42353450-42353550
chrX	42604750	42604850	1065-Lng-C-T	66	chrX:42604750-42604850
chrX	42765050	42765150	1223-Lng-B-T	38	chrX:42765050-42765150
chrX	42982550	42982650	1223-Lng-B-T	34	chrX:42982550-42982650
chrX	43226150	43226250	901-Lng-C-T	40	chrX:43226150-43226250
chrX	43267950	43268050	901-Lng-A-T	135	chrX:43267950-43268050
chrX	43347450	43347550	1223-Lng-B-T	49	chrX:43347450-43347550
chrX	43488950	43489050	1004-Lng-A-T	76	chrX:43488950-43489050
chrX	43593450	43593550	1065-Lng-B-T	102	chrX:43593450-43593550
chrX	43698350	43698450	1223-Lng-B-T	54	chrX:43698350-43698450
chrX	43735450	43735550	1072-Lng-A-T	57	chrX:43735450-43735550
chrX	43843050	43843150	1152-Lng-A-T	35	chrX:43843050-43843150
chrX	44004550	44004650	1004-Lng-A-T	573	chrX:44004550-44004650
chrX	44450350	44450450	1090-Lng-A-T	93	chrX:44450350-44450450
chrX	44517250	44517350	1065-Lng-C-T	545	chrX:44517250-44517350
chrX	44541250	44541350	1223-Lng-B-T	38	chrX:44541250-44541350
chrX	44610050	44610150	1072-Lng-A-T	131	chrX:44610050-44610150

Table S2: SB Insertion regions

chrX	45266950	45267050	1151-Lng-A-T	58	chrX:45266950-45267050
chrX	45306950	45307050	846-Lng-A-T	101	chrX:45306950-45307050
chrX	45356750	45356850	1004-Lng-A-T	78	chrX:45356750-45356850
chrX	45544250	45544350	1223-Lng-C-T	44	chrX:45544250-45544350
chrX	45733350	45733450	1274-Lng-A-T	82	chrX:45733350-45733450
chrX	45736650	45736750	1065-Lng-C-T	103	chrX:45736650-45736750
chrX	45845250	45845350	1065-Lng-A-T	99	chrX:45845250-45845350
chrX	45849750	45849850	1152-Lng-A-T	32	chrX:45849750-45849850
chrX	45891250	45891350	1090-Lng-A-T	95	chrX:45891250-45891350
chrX	45987550	45987650	1065-Lng-C-T	115	chrX:45987550-45987650
chrX	46480950	46481050	1072-Lng-A-T	48	chrX:46480950-46481050
chrX	46481650	46481750	1223-Lng-D-T	99	chrX:46481650-46481750
chrX	46520250	46520350	901-Lng-C-T	110	chrX:46520250-46520350
chrX	46569450	46569550	1188-Lng-A-T	149	chrX:46569450-46569550
chrX	46633750	46633850	1223-Lng-B-T	49	chrX:46633750-46633850
chrX	47008250	47008350	901-Lng-B-T	299	chrX:47008250-47008350
chrX	47246750	47246850	1274-Lng-A-T	233	chrX:47246750-47246850
chrX	47271950	47272050	846-Lng-A-T	108	chrX:47271950-47272050
chrX	47433350	47433450	846-Lng-A-T	185	chrX:47433350-47433450
chrX	47572950	47573050	901-Lng-D-T	685	chrX:47572950-47573050
chrX	47686750	47686850	1223-Lng-C-T	68	chrX:47686750-47686850
chrX	48084950	48085050	901-Lng-A-T	69	chrX:48084950-48085050
chrX	48494150	48494250	1100-Lng-A-T	278	chrX:48494150-48494250
chrX	48494950	48495050	1100-Lng-A-T	161	chrX:48494950-48495050
chrX	48757950	48758050	1065-Lng-B-T	81	chrX:48757950-48758050
chrX	48771250	48771350	1167-Lng-A-T	62	chrX:48771250-48771350
chrX	48850450	48850550	1223-Lng-B-T	36	chrX:48850450-48850550
chrX	49030550	49030650	1100-Lng-B-T	70	chrX:49030550-49030650
chrX	49443950	49444050	1065-Lng-A-T	95	chrX:49443950-49444050
chrX	49451750	49451850	1072-Lng-A-T	54	chrX:49451750-49451850
chrX	49470950	49471050	1188-Lng-A-T	61	chrX:49470950-49471050
chrX	49481050	49481150	1223-Lng-A-T	172	chrX:49481050-49481150
chrX	49632750	49632850	1188-Lng-A-T	42	chrX:49632750-49632850
chrX	49717050	49717150	1167-Lng-A-T	105	chrX:49717050-49717150
chrX	49748250	49748350	1065-Lng-A-T	125	chrX:49748250-49748350
chrX	49854450	49854550	1223-Lng-B-T	41	chrX:49854450-49854550
chrX	49857250	49857350	1065-Lng-B-T	96	chrX:49857250-49857350
chrX	49872650	49872750	1223-Lng-C-T	52	chrX:49872650-49872750
chrX	49883050	49883150	1065-Lng-B-T	71	chrX:49883050-49883150
chrX	50038750	50038850	1223-Lng-B-T	282	chrX:50038750-50038850
chrX	50289050	50289150	1004-Lng-A-T	58	chrX:50289050-50289150
chrX	50292050	50292150	846-Lng-A-T	141	chrX:50292050-50292150
chrX	50345650	50345750	901-Lng-B-T	163	chrX:50345650-50345750
chrX	50482050	50482150	846-Lng-A-T	289	chrX:50482050-50482150
chrX	50955150	50955250	1065-Lng-A-T	37	chrX:50955150-50955250
chrX	51101350	51101450	1188-Lng-A-T	35	chrX:51101350-51101450

Table S2: SB Insertion regions

chrX	51136650	51136750	1152-Lng-A-T	43	chrX:51136650-51136750
chrX	51193350	51193450	1065-Lng-C-T	93	chrX:51193350-51193450
chrX	51201650	51201750	901-Lng-D-T	699	chrX:51201650-51201750
chrX	51376350	51376450	1100-Lng-A-T	85	chrX:51376350-51376450
chrX	51383750	51383850	1072-Lng-A-T	296	chrX:51383750-51383850
chrX	51403150	51403250	1090-Lng-A-T	59	chrX:51403150-51403250
chrX	52807650	52807750	1188-Lng-A-T	441	chrX:52807650-52807750
chrX	53847050	53847150	1065-Lng-A-T	69	chrX:53847050-53847150
chrX	53854650	53854750	1223-Lng-C-T	286	chrX:53854650-53854750
chrX	53939150	53939250	1151-Lng-A-T	304	chrX:53939150-53939250
chrX	54008350	54008450	1151-Lng-A-T	210	chrX:54008350-54008450
chrX	54269850	54269950	1065-Lng-A-T	55	chrX:54269850-54269950
chrX	54548350	54548450	1065-Lng-B-T	51	chrX:54548350-54548450
chrX	54905750	54905850	846-Lng-A-T	140	chrX:54905750-54905850
chrX	54924950	54925050	1151-Lng-A-T	69	chrX:54924950-54925050
chrX	54939750	54939850	1065-Lng-A-T	637	chrX:54939750-54939850
chrX	55002050	55002150	1100-Lng-B-T	53	chrX:55002050-55002150
chrX	55149850	55149950	1065-Lng-A-T	104	chrX:55149850-55149950
chrX	55523650	55523750	1065-Lng-B-T	54	chrX:55523650-55523750
chrX	55524350	55524450	1072-Lng-A-T	69	chrX:55524350-55524450
chrX	56162250	56162350	901-Lng-B-T	113	chrX:56162250-56162350
chrX	56197850	56197950	1004-Lng-A-T	730	chrX:56197850-56197950
chrX	56247150	56247250	901-Lng-C-T	48	chrX:56247150-56247250
chrX	56277450	56277550	1223-Lng-A-T	97	chrX:56277450-56277550
chrX	56339050	56339150	901-Lng-C-T	37	chrX:56339050-56339150
chrX	56416050	56416150	1065-Lng-B-T	81	chrX:56416050-56416150
chrX	56959150	56959250	1223-Lng-D-T	44	chrX:56959150-56959250
chrX	57243050	57243150	1065-Lng-B-T	60	chrX:57243050-57243150
chrX	57314950	57315050	1090-Lng-A-T	54	chrX:57314950-57315050
chrX	57375250	57375350	1223-Lng-B-T	36	chrX:57375250-57375350
chrX	57582950	57583050	901-Lng-D-T	123	chrX:57582950-57583050
chrX	57589250	57589350	1151-Lng-A-T	371	chrX:57589250-57589350
chrX	57600350	57600450	1223-Lng-B-T	35	chrX:57600350-57600450
chrX	58243750	58243850	1152-Lng-A-T	41	chrX:58243750-58243850
chrX	58436550	58436650	901-Lng-A-T	200	chrX:58436550-58436650
chrX	58535950	58536050	1090-Lng-A-T	79	chrX:58535950-58536050
chrX	58793850	58793950	1090-Lng-A-T	68	chrX:58793850-58793950
chrX	59078350	59078450	846-Lng-A-T	53	chrX:59078350-59078450
chrX	59096050	59096150	1151-Lng-A-T	59	chrX:59096050-59096150
chrX	59156950	59157050	1065-Lng-A-T	228	chrX:59156950-59157050
chrX	59438850	59438950	1065-Lng-B-T	64	chrX:59438850-59438950
chrX	59570150	59570250	846-Lng-A-T	124	chrX:59570150-59570250
chrX	59636750	59636850	1065-Lng-B-T	63	chrX:59636750-59636850
chrX	59640350	59640450	846-Lng-A-T	122	chrX:59640350-59640450
chrX	59651250	59651350	1065-Lng-A-T	66	chrX:59651250-59651350
chrX	59855350	59855450	1090-Lng-A-T	132	chrX:59855350-59855450

Table S2: SB Insertion regions

chrX	60124950	60125050	1004-Lng-A-T	62	chrX:60124950-60125050
chrX	60154250	60154350	1065-Lng-C-T	104	chrX:60154250-60154350
chrX	60578250	60578350	1004-Lng-A-T	50	chrX:60578250-60578350
chrX	60590350	60590450	901-Lng-D-T	297	chrX:60590350-60590450
chrX	60651850	60651950	1065-Lng-B-T	124	chrX:60651850-60651950
chrX	60659950	60660050	901-Lng-A-T	453	chrX:60659950-60660050
chrX	60854050	60854150	1065-Lng-B-T	91	chrX:60854050-60854150
chrX	61041350	61041450	1065-Lng-C-T	111	chrX:61041350-61041450
chrX	61057750	61057850	1223-Lng-C-T	46	chrX:61057750-61057850
chrX	61077050	61077150	846-Lng-A-T	43	chrX:61077050-61077150
chrX	61259750	61259850	1223-Lng-C-T	52	chrX:61259750-61259850
chrX	61276050	61276150	1065-Lng-C-T	94	chrX:61276050-61276150
chrX	61345350	61345450	901-Lng-B-T	56	chrX:61345350-61345450
chrX	61480950	61481050	1090-Lng-B-T	257	chrX:61480950-61481050
chrX	61764650	61764750	1223-Lng-A-T	1253	chrX:61764650-61764750
chrX	62154850	62154950	1223-Lng-B-T	39	chrX:62154850-62154950
chrX	62424550	62424650	901-Lng-C-T	74	chrX:62424550-62424650
chrX	62537150	62537250	1223-Lng-B-T	40	chrX:62537150-62537250
chrX	62749650	62749750	901-Lng-A-T	61	chrX:62749650-62749750
chrX	62841950	62842050	1004-Lng-A-T	117	chrX:62841950-62842050
chrX	62954350	62954450	901-Lng-A-T	87	chrX:62954350-62954450
chrX	62959850	62959950	901-Lng-D-T	309	chrX:62959850-62959950
chrX	63187250	63187350	846-Lng-A-T	159	chrX:63187250-63187350
chrX	63318950	63319050	1223-Lng-A-T	271	chrX:63318950-63319050
chrX	63359050	63359150	1065-Lng-A-T	49	chrX:63359050-63359150
chrX	63424150	63424250	901-Lng-A-T	74	chrX:63424150-63424250
chrX	63446450	63446550	1065-Lng-C-T	96	chrX:63446450-63446550
chrX	63595850	63595950	1223-Lng-A-T	148	chrX:63595850-63595950
chrX	63741250	63741350	1223-Lng-B-T	43	chrX:63741250-63741350
chrX	63922750	63922850	1151-Lng-A-T	95	chrX:63922750-63922850
chrX	63947550	63947650	1072-Lng-A-T	67	chrX:63947550-63947650
chrX	63947750	63947850	901-Lng-C-T	40	chrX:63947750-63947850
chrX	64001750	64001850	901-Lng-A-T	63	chrX:64001750-64001850
chrX	64046350	64046450	1065-Lng-C-T	95	chrX:64046350-64046450
chrX	64332750	64332850	1274-Lng-A-T	107	chrX:64332750-64332850
chrX	64335250	64335350	1167-Lng-A-T	158	chrX:64335250-64335350
chrX	64648250	64648350	1065-Lng-A-T	57	chrX:64648250-64648350
chrX	64693950	64694050	1188-Lng-A-T	47	chrX:64693950-64694050
chrX	64869850	64869950	901-Lng-C-T	135	chrX:64869850-64869950
chrX	65059950	65060050	901-Lng-D-T	130	chrX:65059950-65060050
chrX	65114750	65114850	1065-Lng-C-T	64	chrX:65114750-65114850
chrX	65329250	65329350	1004-Lng-A-T	104	chrX:65329250-65329350
chrX	65568050	65568150	1151-Lng-A-T	54	chrX:65568050-65568150
chrX	65604950	65605050	1223-Lng-A-T	91	chrX:65604950-65605050
chrX	65670850	65670950	1065-Lng-B-T	74	chrX:65670850-65670950
chrX	65712850	65712950	901-Lng-B-T	99	chrX:65712850-65712950

Table S2: SB Insertion regions

chrX	65927350	65927450	901-Lng-A-T	538	chrX:65927350-65927450
chrX	65952250	65952350	1151-Lng-A-T	118	chrX:65952250-65952350
chrX	65972950	65973050	901-Lng-D-T	572	chrX:65972950-65973050
chrX	66582850	66582950	1223-Lng-A-T	1023	chrX:66582850-66582950
chrX	66618650	66618750	1152-Lng-A-T	273	chrX:66618650-66618750
chrX	66631450	66631550	1223-Lng-D-T	42	chrX:66631450-66631550
chrX	66807450	66807550	1274-Lng-A-T	60	chrX:66807450-66807550
chrX	66865450	66865550	1065-Lng-C-T	77	chrX:66865450-66865550
chrX	66872950	66873050	1065-Lng-B-T	96	chrX:66872950-66873050
chrX	67003950	67004050	1065-Lng-B-T	84	chrX:67003950-67004050
chrX	67013650	67013750	1151-Lng-A-T	57	chrX:67013650-67013750
chrX	67168250	67168350	1223-Lng-B-T	59	chrX:67168250-67168350
chrX	67220350	67220450	901-Lng-B-T	41	chrX:67220350-67220450
chrX	67418150	67418250	901-Lng-A-T	557	chrX:67418150-67418250
chrX	67497550	67497650	901-Lng-C-T	72	chrX:67497550-67497650
chrX	68624750	68624850	1065-Lng-A-T	707	chrX:68624750-68624850
chrX	68628850	68628950	1090-Lng-A-T	65	chrX:68628850-68628950
chrX	68629150	68629250	1065-Lng-C-T	110	chrX:68629150-68629250
chrX	68642050	68642150	1065-Lng-B-T	58	chrX:68642050-68642150
chrX	68653850	68653950	1065-Lng-B-T	48	chrX:68653850-68653950
chrX	68660550	68660650	1100-Lng-A-T	65	chrX:68660550-68660650
chrX	68783050	68783150	1065-Lng-A-T	523	chrX:68783050-68783150
chrX	68865950	68866050	846-Lng-A-T	65	chrX:68865950-68866050
chrX	69446650	69446750	1223-Lng-C-T	54	chrX:69446650-69446750
chrX	69541850	69541950	1274-Lng-A-T	52	chrX:69541850-69541950
chrX	69596150	69596250	1065-Lng-B-T	54	chrX:69596150-69596250
chrX	69788350	69788450	1065-Lng-B-T	43	chrX:69788350-69788450
chrX	70230250	70230350	1100-Lng-A-T	602	chrX:70230250-70230350
chrX	70254850	70254950	1223-Lng-B-T	148	chrX:70254850-70254950
chrX	70596850	70596950	901-Lng-C-T	56	chrX:70596850-70596950
chrX	70688750	70688850	1065-Lng-B-T	61	chrX:70688750-70688850
chrX	70742950	70743050	901-Lng-D-T	183	chrX:70742950-70743050
chrX	70825050	70825150	846-Lng-A-T	253	chrX:70825050-70825150
chrX	70865750	70865850	846-Lng-A-T	147	chrX:70865750-70865850
chrX	70936550	70936650	1090-Lng-B-T	375	chrX:70936550-70936650
chrX	70951150	70951250	846-Lng-A-T	48	chrX:70951150-70951250
chrX	70966950	70967050	1065-Lng-C-T	72	chrX:70966950-70967050
chrX	71188150	71188250	1223-Lng-A-T	57	chrX:71188150-71188250
chrX	71297650	71297750	901-Lng-C-T	42	chrX:71297650-71297750
chrX	71314350	71314450	901-Lng-A-T	118	chrX:71314350-71314450
chrX	71536750	71536850	1274-Lng-A-T	53	chrX:71536750-71536850
chrX	71569650	71569750	1223-Lng-B-T	59	chrX:71569650-71569750
chrX	72360150	72360250	846-Lng-A-T	94	chrX:72360150-72360250
chrX	72647950	72648050	846-Lng-A-T	112	chrX:72647950-72648050
chrX	72673150	72673250	1065-Lng-B-T	90	chrX:72673150-72673250
chrX	72699050	72699150	1188-Lng-A-T	221	chrX:72699050-72699150

Table S2: SB Insertion regions

chrX	72711750	72711850	1065-Lng-C-T	1329	chrX:72711750-72711850
chrX	72911850	72911950	1065-Lng-A-T	162	chrX:72911850-72911950
chrX	72946250	72946350	1065-Lng-B-T	84	chrX:72946250-72946350
chrX	72959650	72959750	1223-Lng-A-T	85	chrX:72959650-72959750
chrX	73031750	73031850	1065-Lng-A-T	95	chrX:73031750-73031850
chrX	73049750	73049850	1223-Lng-D-T	45	chrX:73049750-73049850
chrX	73302250	73302350	1223-Lng-A-T	66	chrX:73302250-73302350
chrX	73347650	73347750	1004-Lng-A-T	652	chrX:73347650-73347750
chrX	73461750	73461850	1223-Lng-B-T	80	chrX:73461750-73461850
chrX	73637250	73637350	846-Lng-A-T	66	chrX:73637250-73637350
chrX	73754150	73754250	901-Lng-D-T	88	chrX:73754150-73754250
chrX	73843850	73843950	1223-Lng-B-T	267	chrX:73843850-73843950
chrX	73961850	73961950	1065-Lng-C-T	141	chrX:73961850-73961950
chrX	74668750	74668850	1274-Lng-A-T	50	chrX:74668750-74668850
chrX	74694350	74694450	1004-Lng-A-T	209	chrX:74694350-74694450
chrX	74704150	74704250	901-Lng-A-T	90	chrX:74704150-74704250
chrX	74772850	74772950	1065-Lng-C-T	619	chrX:74772850-74772950
chrX	74818950	74819050	1152-Lng-A-T	253	chrX:74818950-74819050
chrX	74823250	74823350	1090-Lng-A-T	45	chrX:74823250-74823350
chrX	74845950	74846050	1100-Lng-A-T	125	chrX:74845950-74846050
chrX	74854950	74855050	1223-Lng-C-T	56	chrX:74854950-74855050
chrX	74878850	74878950	1072-Lng-A-T	83	chrX:74878850-74878950
chrX	74940350	74940450	901-Lng-D-T	105	chrX:74940350-74940450
chrX	75028550	75028650	1004-Lng-A-T	75	chrX:75028550-75028650
chrX	75037750	75037850	1065-Lng-A-T	39	chrX:75037750-75037850
chrX	75083150	75083250	1100-Lng-A-T	65	chrX:75083150-75083250
chrX	75681450	75681550	901-Lng-C-T	46	chrX:75681450-75681550
chrX	76143250	76143350	901-Lng-B-T	234	chrX:76143250-76143350
chrX	76177950	76178050	1065-Lng-A-T	85	chrX:76177950-76178050
chrX	76233650	76233750	846-Lng-A-T	114	chrX:76233650-76233750
chrX	76252850	76252950	1065-Lng-B-T	103	chrX:76252850-76252950
chrX	76329050	76329150	901-Lng-B-T	79	chrX:76329050-76329150
chrX	77054450	77054550	901-Lng-A-T	53	chrX:77054450-77054550
chrX	77143250	77143350	901-Lng-B-T	180	chrX:77143250-77143350
chrX	77247950	77248050	1151-Lng-A-T	75	chrX:77247950-77248050
chrX	77286450	77286550	846-Lng-A-T	137	chrX:77286450-77286550
chrX	77344350	77344450	901-Lng-A-T	94	chrX:77344350-77344450
chrX	77399650	77399750	1065-Lng-B-T	58	chrX:77399650-77399750
chrX	77477450	77477550	901-Lng-B-T	187	chrX:77477450-77477550
chrX	78309950	78310050	1223-Lng-B-T	39	chrX:78309950-78310050
chrX	78388150	78388250	901-Lng-C-T	29	chrX:78388150-78388250
chrX	78620550	78620650	1065-Lng-B-T	44	chrX:78620550-78620650
chrX	78679150	78679250	1065-Lng-A-T	86	chrX:78679150-78679250
chrX	78783950	78784050	1072-Lng-A-T	106	chrX:78783950-78784050
chrX	78871650	78871750	901-Lng-C-T	48	chrX:78871650-78871750
chrX	78981450	78981550	1223-Lng-B-T	86	chrX:78981450-78981550

Table S2: SB Insertion regions

chrX	79103750	79103850	1065-Lng-A-T	47	chrX:79103750-79103850
chrX	79703950	79704050	1151-Lng-A-T	55	chrX:79703950-79704050
chrX	80035750	80035850	1100-Lng-A-T	163	chrX:80035750-80035850
chrX	80257250	80257350	1065-Lng-B-T	67	chrX:80257250-80257350
chrX	80408950	80409050	1004-Lng-A-T	85	chrX:80408950-80409050
chrX	80590950	80591050	1274-Lng-A-T	55	chrX:80590950-80591050
chrX	80706650	80706750	1004-Lng-A-T	82	chrX:80706650-80706750
chrX	80844750	80844850	846-Lng-A-T	109	chrX:80844750-80844850
chrX	81019550	81019650	1004-Lng-A-T	82	chrX:81019550-81019650
chrX	81130650	81130750	1004-Lng-A-T	50	chrX:81130650-81130750
chrX	81419750	81419850	1223-Lng-B-T	48	chrX:81419750-81419850
chrX	81590750	81590850	1100-Lng-A-T	116	chrX:81590750-81590850
chrX	81703050	81703150	1090-Lng-B-T	831	chrX:81703050-81703150
chrX	81803250	81803350	1065-Lng-B-T	53	chrX:81803250-81803350
chrX	81876750	81876850	901-Lng-D-T	69	chrX:81876750-81876850
chrX	81958450	81958550	1004-Lng-A-T	573	chrX:81958450-81958550
chrX	82100850	82100950	1072-Lng-A-T	70	chrX:82100850-82100950
chrX	82392050	82392150	1065-Lng-A-T	40	chrX:82392050-82392150
chrX	82830550	82830650	1167-Lng-A-T	60	chrX:82830550-82830650
chrX	82834050	82834150	1090-Lng-A-T	44	chrX:82834050-82834150
chrX	82870350	82870450	1004-Lng-A-T	49	chrX:82870350-82870450
chrX	82951650	82951750	1065-Lng-C-T	232	chrX:82951650-82951750
chrX	82983650	82983750	1090-Lng-A-T	747	chrX:82983650-82983750
chrX	83033450	83033550	901-Lng-B-T	171	chrX:83033450-83033550
chrX	83041750	83041850	1223-Lng-B-T	41	chrX:83041750-83041850
chrX	83189350	83189450	1065-Lng-B-T	47	chrX:83189350-83189450
chrX	83231950	83232050	1065-Lng-B-T	67	chrX:83231950-83232050
chrX	83448050	83448150	1100-Lng-B-T	66	chrX:83448050-83448150
chrX	83643150	83643250	901-Lng-C-T	45	chrX:83643150-83643250
chrX	83975750	83975850	1065-Lng-B-T	53	chrX:83975750-83975850
chrX	84224450	84224550	901-Lng-B-T	131	chrX:84224450-84224550
chrX	84367850	84367950	1065-Lng-A-T	73	chrX:84367850-84367950
chrX	84482050	84482150	1151-Lng-A-T	60	chrX:84482050-84482150
chrX	84648850	84648950	1152-Lng-A-T	150	chrX:84648850-84648950
chrX	84701950	84702050	846-Lng-A-T	115	chrX:84701950-84702050
chrX	84757350	84757450	1065-Lng-B-T	45	chrX:84757350-84757450
chrX	84767050	84767150	901-Lng-A-T	103	chrX:84767050-84767150
chrX	84900450	84900550	1065-Lng-B-T	65	chrX:84900450-84900550
chrX	84922550	84922650	1004-Lng-A-T	102	chrX:84922550-84922650
chrX	85100450	85100550	901-Lng-C-T	250	chrX:85100450-85100550
chrX	85127550	85127650	1223-Lng-A-T	68	chrX:85127550-85127650
chrX	85139750	85139850	1151-Lng-A-T	79	chrX:85139750-85139850
chrX	85237550	85237650	1065-Lng-B-T	67	chrX:85237550-85237650
chrX	85451950	85452050	901-Lng-B-T	288	chrX:85451950-85452050
chrX	85527650	85527750	846-Lng-A-T	178	chrX:85527650-85527750
chrX	85668350	85668450	1274-Lng-A-T	78	chrX:85668350-85668450

Table S2: SB Insertion regions

chrX	85851650	85851750	901-Lng-A-T	440	chrX:85851650-85851750
chrX	85864050	85864150	1167-Lng-A-T	87	chrX:85864050-85864150
chrX	86141650	86141750	1223-Lng-C-T	46	chrX:86141650-86141750
chrX	86302450	86302550	1065-Lng-B-T	45	chrX:86302450-86302550
chrX	86584650	86584750	1223-Lng-C-T	47	chrX:86584650-86584750
chrX	86602250	86602350	1152-Lng-A-T	41	chrX:86602250-86602350
chrX	86764650	86764750	1274-Lng-A-T	74	chrX:86764650-86764750
chrX	86844450	86844550	1223-Lng-C-T	47	chrX:86844450-86844550
chrX	86933750	86933850	1223-Lng-D-T	45	chrX:86933750-86933850
chrX	87088050	87088150	1004-Lng-A-T	61	chrX:87088050-87088150
chrX	87240450	87240550	901-Lng-A-T	54	chrX:87240450-87240550
chrX	87645750	87645850	1188-Lng-A-T	117	chrX:87645750-87645850
chrX	88160150	88160250	901-Lng-D-T	197	chrX:88160150-88160250
chrX	88332350	88332450	1100-Lng-A-T	131	chrX:88332350-88332450
chrX	88667850	88667950	901-Lng-A-T	75	chrX:88667850-88667950
chrX	88806350	88806450	901-Lng-A-T	94	chrX:88806350-88806450
chrX	88863550	88863650	1274-Lng-A-T	66	chrX:88863550-88863650
chrX	89443850	89443950	901-Lng-D-T	261	chrX:89443850-89443950
chrX	89448450	89448550	846-Lng-A-T	89	chrX:89448450-89448550
chrX	89452650	89452750	1223-Lng-B-T	40	chrX:89452650-89452750
chrX	89612950	89613050	901-Lng-A-T	145	chrX:89612950-89613050
chrX	90274150	90274250	1274-Lng-A-T	69	chrX:90274150-90274250
chrX	90713350	90713450	1090-Lng-B-T	543	chrX:90713350-90713450
chrX	91034350	91034450	1065-Lng-A-T	61	chrX:91034350-91034450
chrX	91053350	91053450	1152-Lng-A-T	110	chrX:91053350-91053450
chrX	91158850	91158950	1065-Lng-B-T	289	chrX:91158850-91158950
chrX	91323150	91323250	1152-Lng-A-T	80	chrX:91323150-91323250
chrX	91340250	91340350	1223-Lng-B-T	61	chrX:91340250-91340350
chrX	91419550	91419650	1188-Lng-A-T	50	chrX:91419550-91419650
chrX	91725950	91726050	901-Lng-C-T	65	chrX:91725950-91726050
chrX	92038050	92038150	901-Lng-C-T	42	chrX:92038050-92038150
chrX	92039550	92039650	901-Lng-D-T	465	chrX:92039550-92039650
chrX	92385550	92385650	1274-Lng-A-T	51	chrX:92385550-92385650
chrX	92704750	92704850	1223-Lng-B-T	189	chrX:92704750-92704850
chrX	92760850	92760950	1152-Lng-A-T	186	chrX:92760850-92760950
chrX	93155850	93155950	901-Lng-C-T	276	chrX:93155850-93155950
chrX	93159950	93160050	1100-Lng-A-T	180	chrX:93159950-93160050
chrX	93299650	93299750	1274-Lng-A-T	147	chrX:93299650-93299750
chrX	93314250	93314350	1223-Lng-D-T	40	chrX:93314250-93314350
chrX	93328450	93328550	1004-Lng-A-T	818	chrX:93328450-93328550
chrX	93349350	93349450	1188-Lng-A-T	210	chrX:93349350-93349450
chrX	93372250	93372350	1065-Lng-A-T	82	chrX:93372250-93372350
chrX	93920350	93920450	1274-Lng-A-T	61	chrX:93920350-93920450
chrX	94644750	94644850	1223-Lng-D-T	44	chrX:94644750-94644850
chrX	95128050	95128150	1065-Lng-A-T	943	chrX:95128050-95128150
chrX	95145050	95145150	1065-Lng-A-T	47	chrX:95145050-95145150

Table S2: SB Insertion regions

chrX	95174250	95174350	1065-Lng-B-T	62	chrX:95174250-95174350
chrX	95379350	95379450	1223-Lng-A-T	191	chrX:95379350-95379450
chrX	95507850	95507950	1065-Lng-B-T	69	chrX:95507850-95507950
chrX	95764450	95764550	901-Lng-C-T	68	chrX:95764450-95764550
chrX	95812250	95812350	1090-Lng-A-T	70	chrX:95812250-95812350
chrX	95861050	95861150	1274-Lng-A-T	145	chrX:95861050-95861150
chrX	96137650	96137750	1223-Lng-D-T	78	chrX:96137650-96137750
chrX	96729450	96729550	1065-Lng-A-T	57	chrX:96729450-96729550
chrX	97009950	97010050	1151-Lng-A-T	283	chrX:97009950-97010050
chrX	97023850	97023950	1152-Lng-A-T	137	chrX:97023850-97023950
chrX	97027650	97027750	901-Lng-A-T	83	chrX:97027650-97027750
chrX	97421550	97421650	1004-Lng-A-T	49	chrX:97421550-97421650
chrX	97665150	97665250	1188-Lng-A-T	332	chrX:97665150-97665250
chrX	97671350	97671450	1223-Lng-C-T	344	chrX:97671350-97671450
chrX	97673550	97673650	1065-Lng-A-T	94	chrX:97673550-97673650
chrX	97815450	97815550	1274-Lng-A-T	107	chrX:97815450-97815550
chrX	97994750	97994850	1188-Lng-A-T	34	chrX:97994750-97994850
chrX	98038250	98038350	1274-Lng-A-T	160	chrX:98038250-98038350
chrX	98496350	98496450	1223-Lng-D-T	40	chrX:98496350-98496450
chrX	98604050	98604150	1167-Lng-A-T	126	chrX:98604050-98604150
chrX	98610350	98610450	1152-Lng-A-T	40	chrX:98610350-98610450
chrX	98636250	98636350	901-Lng-B-T	270	chrX:98636250-98636350
chrX	98838150	98838250	901-Lng-B-T	72	chrX:98838150-98838250
chrX	98840950	98841050	1274-Lng-A-T	190	chrX:98840950-98841050
chrX	98878950	98879050	1065-Lng-C-T	84	chrX:98878950-98879050
chrX	99133850	99133950	1004-Lng-A-T	85	chrX:99133850-99133950
chrX	99451350	99451450	1065-Lng-C-T	114	chrX:99451350-99451450
chrX	99499650	99499750	1223-Lng-B-T	41	chrX:99499650-99499750
chrX	99574150	99574250	1065-Lng-C-T	66	chrX:99574150-99574250
chrX	99589950	99590050	1223-Lng-D-T	70	chrX:99589950-99590050
chrX	99601350	99601450	1152-Lng-A-T	53	chrX:99601350-99601450
chrX	99688450	99688550	1065-Lng-C-T	128	chrX:99688450-99688550
chrX	99782350	99782450	1223-Lng-D-T	42	chrX:99782350-99782450
chrX	99802750	99802850	1188-Lng-A-T	40	chrX:99802750-99802850
chrX	100109250	100109350	1065-Lng-A-T	40	chrX:100109250-100109350
chrX	100409050	100409150	901-Lng-C-T	42	chrX:100409050-100409150
chrX	100479550	100479650	1065-Lng-B-T	56	chrX:100479550-100479650
chrX	100701250	100701350	1274-Lng-A-T	68	chrX:100701250-100701350
chrX	100797450	100797550	1065-Lng-A-T	54	chrX:100797450-100797550
chrX	100815750	100815850	901-Lng-A-T	105	chrX:100815750-100815850
chrX	100976550	100976650	901-Lng-B-T	93	chrX:100976550-100976650
chrX	101371850	101371950	1274-Lng-A-T	88	chrX:101371850-101371950
chrX	101540750	101540850	1065-Lng-A-T	52	chrX:101540750-101540850
chrX	101546450	101546550	1004-Lng-A-T	77	chrX:101546450-101546550
chrX	101605550	101605650	1223-Lng-C-T	44	chrX:101605550-101605650
chrX	101712750	101712850	1223-Lng-C-T	57	chrX:101712750-101712850

Table S2: SB Insertion regions

chrX	102268050	102268150	1188-Lng-A-T	53	chrX:102268050-102268150
chrX	102291150	102291250	1223-Lng-C-T	48	chrX:102291150-102291250
chrX	102615250	102615350	1223-Lng-A-T	209	chrX:102615250-102615350
chrX	102657450	102657550	901-Lng-A-T	218	chrX:102657450-102657550
chrX	103007250	103007350	1274-Lng-A-T	71	chrX:103007250-103007350
chrX	103029550	103029650	901-Lng-A-T	282	chrX:103029550-103029650
chrX	103042650	103042750	1274-Lng-A-T	99	chrX:103042650-103042750
chrX	103064450	103064550	846-Lng-A-T	118	chrX:103064450-103064550
chrX	103075450	103075550	1065-Lng-A-T	37	chrX:103075450-103075550
chrX	103085350	103085450	846-Lng-A-T	54	chrX:103085350-103085450
chrX	103111150	103111250	1152-Lng-A-T	304	chrX:103111150-103111250
chrX	103234550	103234650	1090-Lng-B-T	213	chrX:103234550-103234650
chrX	103242550	103242650	1188-Lng-A-T	43	chrX:103242550-103242650
chrX	103813250	103813350	901-Lng-C-T	207	chrX:103813250-103813350
chrX	103895650	103895750	1004-Lng-A-T	144	chrX:103895650-103895750
chrX	104296150	104296250	1223-Lng-A-T	142	chrX:104296150-104296250
chrX	104454250	104454350	1065-Lng-B-T	53	chrX:104454250-104454350
chrX	104691350	104691450	1152-Lng-A-T	73	chrX:104691350-104691450
chrX	105026150	105026250	1274-Lng-A-T	166	chrX:105026150-105026250
chrX	105058150	105058250	901-Lng-A-T	83	chrX:105058150-105058250
chrX	105206250	105206350	1065-Lng-A-T	57	chrX:105206250-105206350
chrX	105683450	105683550	1065-Lng-B-T	56	chrX:105683450-105683550
chrX	105741650	105741750	1065-Lng-C-T	62	chrX:105741650-105741750
chrX	105743450	105743550	1065-Lng-B-T	58	chrX:105743450-105743550
chrX	105975350	105975450	846-Lng-A-T	189	chrX:105975350-105975450
chrX	105996850	105996950	1223-Lng-A-T	186	chrX:105996850-105996950
chrX	106075750	106075850	1065-Lng-B-T	72	chrX:106075750-106075850
chrX	106160650	106160750	846-Lng-A-T	113	chrX:106160650-106160750
chrX	106303250	106303350	1151-Lng-A-T	55	chrX:106303250-106303350
chrX	106665850	106665950	1004-Lng-A-T	73	chrX:106665850-106665950
chrX	106785650	106785750	901-Lng-D-T	536	chrX:106785650-106785750
chrX	106862950	106863050	901-Lng-D-T	198	chrX:106862950-106863050
chrX	106913150	106913250	1065-Lng-C-T	63	chrX:106913150-106913250
chrX	107172750	107172850	1004-Lng-A-T	114	chrX:107172750-107172850
chrX	107199850	107199950	1152-Lng-A-T	180	chrX:107199850-107199950
chrX	107603450	107603550	1065-Lng-A-T	88	chrX:107603450-107603550
chrX	107637650	107637750	1065-Lng-C-T	109	chrX:107637650-107637750
chrX	107888450	107888550	1223-Lng-C-T	62	chrX:107888450-107888550
chrX	107955250	107955350	1152-Lng-A-T	97	chrX:107955250-107955350
chrX	107958650	107958750	1065-Lng-A-T	44	chrX:107958650-107958750
chrX	107987350	107987450	1065-Lng-A-T	56	chrX:107987350-107987450
chrX	108105150	108105250	846-Lng-A-T	157	chrX:108105150-108105250
chrX	108207650	108207750	1065-Lng-B-T	42	chrX:108207650-108207750
chrX	108519150	108519250	1274-Lng-A-T	179	chrX:108519150-108519250
chrX	108519250	108519350	1004-Lng-A-T	417	chrX:108519250-108519350
chrX	108608450	108608550	1065-Lng-B-T	51	chrX:108608450-108608550

Table S2: SB Insertion regions

chrX	108827450	108827550	901-Lng-A-T	244	chrX:108827450-108827550
chrX	108873650	108873750	901-Lng-B-T	44	chrX:108873650-108873750
chrX	108903550	108903650	1152-Lng-A-T	44	chrX:108903550-108903650
chrX	109158450	109158550	1223-Lng-C-T	71	chrX:109158450-109158550
chrX	109409750	109409850	1223-Lng-A-T	98	chrX:109409750-109409850
chrX	109430050	109430150	1065-Lng-A-T	69	chrX:109430050-109430150
chrX	109517950	109518050	1065-Lng-B-T	41	chrX:109517950-109518050
chrX	109631650	109631750	1065-Lng-B-T	46	chrX:109631650-109631750
chrX	109749650	109749750	901-Lng-D-T	283	chrX:109749650-109749750
chrX	109750750	109750850	1065-Lng-B-T	55	chrX:109750750-109750850
chrX	109930150	109930250	1152-Lng-A-T	73	chrX:109930150-109930250
chrX	110252950	110253050	901-Lng-A-T	57	chrX:110252950-110253050
chrX	110291850	110291950	1100-Lng-A-T	55	chrX:110291850-110291950
chrX	110825350	110825450	1188-Lng-A-T	154	chrX:110825350-110825450
chrX	110865950	110866050	901-Lng-B-T	40	chrX:110865950-110866050
chrX	110958450	110958550	901-Lng-A-T	104	chrX:110958450-110958550
chrX	110985350	110985450	1152-Lng-A-T	68	chrX:110985350-110985450
chrX	110993950	110994050	1065-Lng-B-T	120	chrX:110993950-110994050
chrX	111029950	111030050	846-Lng-A-T	1003	chrX:111029950-111030050
chrX	111552550	111552650	1223-Lng-B-T	74	chrX:111552550-111552650
chrX	111609550	111609650	1065-Lng-B-T	80	chrX:111609550-111609650
chrX	111677150	111677250	1151-Lng-A-T	143	chrX:111677150-111677250
chrX	111681850	111681950	1065-Lng-B-T	56	chrX:111681850-111681950
chrX	111828750	111828850	1100-Lng-A-T	136	chrX:111828750-111828850
chrX	112063150	112063250	1065-Lng-A-T	99	chrX:112063150-112063250
chrX	112066650	112066750	901-Lng-A-T	117	chrX:112066650-112066750
chrX	112480150	112480250	1065-Lng-B-T	169	chrX:112480150-112480250
chrX	112794650	112794750	1274-Lng-A-T	231	chrX:112794650-112794750
chrX	113162350	113162450	1065-Lng-B-T	48	chrX:113162350-113162450
chrX	113163150	113163250	1223-Lng-D-T	41	chrX:113163150-113163250
chrX	113236150	113236250	846-Lng-A-T	132	chrX:113236150-113236250
chrX	113334450	113334550	1152-Lng-A-T	174	chrX:113334450-113334550
chrX	113647350	113647450	1065-Lng-C-T	81	chrX:113647350-113647450
chrX	113743450	113743550	901-Lng-D-T	445	chrX:113743450-113743550
chrX	113762450	113762550	1223-Lng-B-T	364	chrX:113762450-113762550
chrX	113848550	113848650	1223-Lng-C-T	60	chrX:113848550-113848650
chrX	114411550	114411650	1152-Lng-A-T	73	chrX:114411550-114411650
chrX	114653050	114653150	901-Lng-B-T	113	chrX:114653050-114653150
chrX	114679350	114679450	901-Lng-A-T	315	chrX:114679350-114679450
chrX	114920150	114920250	1065-Lng-A-T	44	chrX:114920150-114920250
chrX	115134050	115134150	1004-Lng-A-T	70	chrX:115134050-115134150
chrX	115397450	115397550	1065-Lng-B-T	72	chrX:115397450-115397550
chrX	115415250	115415350	1223-Lng-B-T	51	chrX:115415250-115415350
chrX	115510650	115510750	1152-Lng-A-T	76	chrX:115510650-115510750
chrX	115979850	115979950	901-Lng-D-T	511	chrX:115979850-115979950
chrX	116128350	116128450	1223-Lng-B-T	120	chrX:116128350-116128450

Table S2: SB Insertion regions

chrX	116139650	116139750	901-Lng-B-T	57	chrX:116139650-116139750
chrX	116163150	116163250	1223-Lng-D-T	54	chrX:116163150-116163250
chrX	116173050	116173150	1223-Lng-B-T	43	chrX:116173050-116173150
chrX	116174150	116174250	1223-Lng-C-T	48	chrX:116174150-116174250
chrX	116324450	116324550	1065-Lng-C-T	84	chrX:116324450-116324550
chrX	116539050	116539150	901-Lng-C-T	48	chrX:116539050-116539150
chrX	116552850	116552950	846-Lng-A-T	52	chrX:116552850-116552950
chrX	116593650	116593750	1152-Lng-A-T	110	chrX:116593650-116593750
chrX	116840250	116840350	1152-Lng-A-T	94	chrX:116840250-116840350
chrX	116871750	116871850	1223-Lng-C-T	49	chrX:116871750-116871850
chrX	116918850	116918950	1188-Lng-A-T	53	chrX:116918850-116918950
chrX	117143550	117143650	901-Lng-A-T	72	chrX:117143550-117143650
chrX	117373650	117373750	1223-Lng-B-T	34	chrX:117373650-117373750
chrX	117450850	117450950	1151-Lng-A-T	71	chrX:117450850-117450950
chrX	117617450	117617550	1151-Lng-A-T	431	chrX:117617450-117617550
chrX	117902450	117902550	1065-Lng-A-T	51	chrX:117902450-117902550
chrX	118085550	118085650	846-Lng-A-T	46	chrX:118085550-118085650
chrX	118113150	118113250	901-Lng-C-T	35	chrX:118113150-118113250
chrX	118577350	118577450	1167-Lng-A-T	53	chrX:118577350-118577450
chrX	118587050	118587150	1152-Lng-A-T	68	chrX:118587050-118587150
chrX	118994850	118994950	1090-Lng-B-T	678	chrX:118994850-118994950
chrX	119116050	119116150	1065-Lng-C-T	74	chrX:119116050-119116150
chrX	119247550	119247650	1065-Lng-B-T	77	chrX:119247550-119247650
chrX	119337650	119337750	1090-Lng-A-T	78	chrX:119337650-119337750
chrX	119419250	119419350	1065-Lng-A-T	322	chrX:119419250-119419350
chrX	119491450	119491550	901-Lng-A-T	121	chrX:119491450-119491550
chrX	120023150	120023250	901-Lng-C-T	35	chrX:120023150-120023250
chrX	120122150	120122250	1065-Lng-A-T	40	chrX:120122150-120122250
chrX	120124950	120125050	1100-Lng-A-T	77	chrX:120124950-120125050
chrX	120762350	120762450	1090-Lng-A-T	54	chrX:120762350-120762450
chrX	120777050	120777150	1090-Lng-A-T	54	chrX:120777050-120777150
chrX	120777050	120777150	1167-Lng-A-T	54	chrX:120777050-120777150
chrX	121274950	121275050	1004-Lng-A-T	322	chrX:121274950-121275050
chrX	121292150	121292250	1072-Lng-A-T	255	chrX:121292150-121292250
chrX	121298550	121298650	1167-Lng-A-T	60	chrX:121298550-121298650
chrX	121298550	121298650	1274-Lng-A-T	80	chrX:121298550-121298650
chrX	121311250	121311350	1152-Lng-A-T	296	chrX:121311250-121311350
chrX	121311250	121311350	1152-Lng-A-T	89	chrX:121311250-121311350
chrX	122966750	122966850	1065-Lng-A-T	78	chrX:122966750-122966850
chrX	122995550	122995650	1065-Lng-A-T	723	chrX:122995550-122995650
chrX	122998050	122998150	1188-Lng-A-T	97	chrX:122998050-122998150
chrX	123955350	123955450	1065-Lng-A-T	79	chrX:123955350-123955450
chrX	124037950	124038050	1065-Lng-A-T	91	chrX:124037950-124038050
chrX	124377450	124377550	901-Lng-C-T	43	chrX:124377450-124377550
chrX	124453350	124453450	1065-Lng-B-T	386	chrX:124453350-124453450
chrX	124582050	124582150	1100-Lng-A-T	99	chrX:124582050-124582150

Table S2: SB Insertion regions

chrX	124814350	124814450	846-Lng-A-T	144	chrX:124814350-124814450
chrX	124873650	124873750	846-Lng-A-T	75	chrX:124873650-124873750
chrX	124908850	124908950	901-Lng-D-T	38	chrX:124908850-124908950
chrX	124963150	124963250	1065-Lng-B-T	111	chrX:124963150-124963250
chrX	125065650	125065750	1065-Lng-A-T	61	chrX:125065650-125065750
chrX	125091950	125092050	1065-Lng-C-T	71	chrX:125091950-125092050
chrX	125105550	125105650	901-Lng-D-T	1019	chrX:125105550-125105650
chrX	125832050	125832150	901-Lng-D-T	140	chrX:125832050-125832150
chrX	125885650	125885750	1274-Lng-A-T	90	chrX:125885650-125885750
chrX	126093650	126093750	1065-Lng-C-T	74	chrX:126093650-126093750
chrX	126364450	126364550	1223-Lng-A-T	204	chrX:126364450-126364550
chrX	126399350	126399450	1223-Lng-A-T	140	chrX:126399350-126399450
chrX	126400150	126400250	1100-Lng-A-T	63	chrX:126400150-126400250
chrX	126450650	126450750	901-Lng-B-T	106	chrX:126450650-126450750
chrX	126597250	126597350	1223-Lng-C-T	67	chrX:126597250-126597350
chrX	126664850	126664950	1223-Lng-B-T	49	chrX:126664850-126664950
chrX	126695950	126696050	1065-Lng-C-T	1545	chrX:126695950-126696050
chrX	126731450	126731550	1065-Lng-B-T	59	chrX:126731450-126731550
chrX	126779450	126779550	846-Lng-A-T	337	chrX:126779450-126779550
chrX	126811850	126811950	1090-Lng-A-T	834	chrX:126811850-126811950
chrX	126876350	126876450	1065-Lng-A-T	96	chrX:126876350-126876450
chrX	126963450	126963550	1065-Lng-B-T	53	chrX:126963450-126963550
chrX	126967350	126967450	1090-Lng-A-T	53	chrX:126967350-126967450
chrX	126988150	126988250	1065-Lng-A-T	89	chrX:126988150-126988250
chrX	127210450	127210550	1223-Lng-A-T	94	chrX:127210450-127210550
chrX	127603050	127603150	1004-Lng-A-T	115	chrX:127603050-127603150
chrX	127730950	127731050	846-Lng-A-T	170	chrX:127730950-127731050
chrX	127735150	127735250	901-Lng-C-T	75	chrX:127735150-127735250
chrX	127758550	127758650	1223-Lng-C-T	53	chrX:127758550-127758650
chrX	127798450	127798550	901-Lng-A-T	83	chrX:127798450-127798550
chrX	127862250	127862350	901-Lng-A-T	52	chrX:127862250-127862350
chrX	127927150	127927250	846-Lng-A-T	86	chrX:127927150-127927250
chrX	127972950	127973050	1090-Lng-A-T	93	chrX:127972950-127973050
chrX	128126250	128126350	1223-Lng-B-T	176	chrX:128126250-128126350
chrX	128308850	128308950	1152-Lng-A-T	34	chrX:128308850-128308950
chrX	128371750	128371850	846-Lng-A-T	50	chrX:128371750-128371850
chrX	128556750	128556850	1167-Lng-A-T	63	chrX:128556750-128556850
chrX	128635350	128635450	1223-Lng-B-T	82	chrX:128635350-128635450
chrX	128996350	128996450	1274-Lng-A-T	112	chrX:128996350-128996450
chrX	129289350	129289450	901-Lng-B-T	38	chrX:129289350-129289450
chrX	129344850	129344950	901-Lng-C-T	41	chrX:129344850-129344950
chrX	129387850	129387950	901-Lng-B-T	86	chrX:129387850-129387950
chrX	129696950	129697050	1065-Lng-B-T	50	chrX:129696950-129697050
chrX	129729850	129729950	1065-Lng-C-T	62	chrX:129729850-129729950
chrX	129893850	129893950	1065-Lng-C-T	67	chrX:129893850-129893950
chrX	130013650	130013750	1223-Lng-D-T	65	chrX:130013650-130013750

Table S2: SB Insertion regions

chrX	130151850	130151950	1223-Lng-A-T	200	chrX:130151850-130151950
chrX	130188950	130189050	901-Lng-C-T	35	chrX:130188950-130189050
chrX	130229450	130229550	901-Lng-A-T	56	chrX:130229450-130229550
chrX	130710150	130710250	1223-Lng-A-T	88	chrX:130710150-130710250
chrX	130867350	130867450	1065-Lng-A-T	101	chrX:130867350-130867450
chrX	130871650	130871750	1223-Lng-B-T	257	chrX:130871650-130871750
chrX	131053550	131053650	1065-Lng-B-T	40	chrX:131053550-131053650
chrX	131177150	131177250	901-Lng-D-T	328	chrX:131177150-131177250
chrX	131536350	131536450	1223-Lng-B-T	50	chrX:131536350-131536450
chrX	132543350	132543450	1065-Lng-A-T	108	chrX:132543350-132543450
chrX	133060650	133060750	1004-Lng-A-T	119	chrX:133060650-133060750
chrX	133090050	133090150	1065-Lng-B-T	63	chrX:133090050-133090150
chrX	133310650	133310750	1004-Lng-A-T	118	chrX:133310650-133310750
chrX	133562250	133562350	901-Lng-D-T	39	chrX:133562250-133562350
chrX	133563250	133563350	901-Lng-B-T	302	chrX:133563250-133563350
chrX	134203550	134203650	1065-Lng-B-T	658	chrX:134203550-134203650
chrX	134365550	134365650	1065-Lng-C-T	82	chrX:134365550-134365650
chrX	134402650	134402750	901-Lng-B-T	163	chrX:134402650-134402750
chrX	134409850	134409950	901-Lng-B-T	185	chrX:134409850-134409950
chrX	134610350	134610450	1065-Lng-B-T	93	chrX:134610350-134610450
chrX	134769450	134769550	901-Lng-C-T	87	chrX:134769450-134769550
chrX	134967350	134967450	1188-Lng-A-T	37	chrX:134967350-134967450
chrX	134981250	134981350	1152-Lng-A-T	248	chrX:134981250-134981350
chrX	135063050	135063150	1100-Lng-A-T	169	chrX:135063050-135063150
chrX	135265850	135265950	1065-Lng-B-T	255	chrX:135265850-135265950
chrX	135370350	135370450	901-Lng-A-T	139	chrX:135370350-135370450
chrX	135543450	135543550	1151-Lng-A-T	85	chrX:135543450-135543550
chrX	135692850	135692950	1090-Lng-A-T	91	chrX:135692850-135692950
chrX	135864350	135864450	1223-Lng-A-T	163	chrX:135864350-135864450
chrX	135899050	135899150	1223-Lng-C-T	50	chrX:135899050-135899150
chrX	135905750	135905850	1100-Lng-B-T	7152	chrX:135905750-135905850
chrX	136125950	136126050	1223-Lng-C-T	51	chrX:136125950-136126050
chrX	136373750	136373850	1004-Lng-A-T	82	chrX:136373750-136373850
chrX	136426450	136426550	901-Lng-A-T	64	chrX:136426450-136426550
chrX	136541750	136541850	901-Lng-B-T	135	chrX:136541750-136541850
chrX	136629950	136630050	1065-Lng-A-T	345	chrX:136629950-136630050
chrX	136715250	136715350	1274-Lng-A-T	174	chrX:136715250-136715350
chrX	136775450	136775550	1274-Lng-A-T	152	chrX:136775450-136775550
chrX	136995450	136995550	1090-Lng-B-T	134	chrX:136995450-136995550
chrX	137062850	137062950	1151-Lng-A-T	89	chrX:137062850-137062950
chrX	137220850	137220950	1274-Lng-A-T	185	chrX:137220850-137220950
chrX	137520050	137520150	1090-Lng-A-T	1034	chrX:137520050-137520150
chrX	137742750	137742850	901-Lng-C-T	47	chrX:137742750-137742850
chrX	137810850	137810950	1152-Lng-A-T	75	chrX:137810850-137810950
chrX	137910750	137910850	1274-Lng-A-T	58	chrX:137910750-137910850
chrX	137911350	137911450	1090-Lng-A-T	103	chrX:137911350-137911450

Table S2: SB Insertion regions

chrX	137918550	137918650	846-Lng-A-T	70	chrX:137918550-137918650
chrX	137923150	137923250	1090-Lng-B-T	382	chrX:137923150-137923250
chrX	138080650	138080750	1065-Lng-B-T	50	chrX:138080650-138080750
chrX	138183650	138183750	1152-Lng-A-T	93	chrX:138183650-138183750
chrX	138747550	138747650	1188-Lng-A-T	59	chrX:138747550-138747650
chrX	138751850	138751950	901-Lng-A-T	86	chrX:138751850-138751950
chrX	138822950	138823050	1152-Lng-A-T	180	chrX:138822950-138823050
chrX	138929450	138929550	1223-Lng-D-T	52	chrX:138929450-138929550
chrX	138932850	138932950	1223-Lng-C-T	201	chrX:138932850-138932950
chrX	139007750	139007850	1065-Lng-A-T	79	chrX:139007750-139007850
chrX	139080650	139080750	901-Lng-A-T	99	chrX:139080650-139080750
chrX	139114650	139114750	1167-Lng-A-T	47	chrX:139114650-139114750
chrX	139204950	139205050	1100-Lng-A-T	127	chrX:139204950-139205050
chrX	139328450	139328550	1065-Lng-C-T	100	chrX:139328450-139328550
chrX	139533650	139533750	1223-Lng-A-T	704	chrX:139533650-139533750
chrX	139556250	139556350	901-Lng-A-T	60	chrX:139556250-139556350
chrX	139711650	139711750	1223-Lng-A-T	1613	chrX:139711650-139711750
chrX	139833150	139833250	901-Lng-D-T	667	chrX:139833150-139833250
chrX	139846350	139846450	846-Lng-A-T	48	chrX:139846350-139846450
chrX	139917550	139917650	846-Lng-A-T	309	chrX:139917550-139917650
chrX	139917550	139917650	1065-Lng-A-T	50	chrX:139917550-139917650
chrX	139917550	139917650	1100-Lng-A-T	51	chrX:139917550-139917650
chrX	139917550	139917650	1072-Lng-A-T	108	chrX:139917550-139917650
chrX	139917550	139917650	1065-Lng-B-T	381	chrX:139917550-139917650
chrX	139917550	139917650	1274-Lng-A-T	98	chrX:139917550-139917650
chrX	139917550	139917650	901-Lng-B-T	73	chrX:139917550-139917650
chrX	139917550	139917650	901-Lng-C-T	74	chrX:139917550-139917650
chrX	139917550	139917650	1004-Lng-A-T	441	chrX:139917550-139917650
chrX	139917550	139917650	1100-Lng-B-T	436	chrX:139917550-139917650
chrX	139917550	139917650	1090-Lng-A-T	496	chrX:139917550-139917650
chrX	139917550	139917650	1100-Lng-A-T	63	chrX:139917550-139917650
chrX	139917550	139917650	1223-Lng-D-T	51	chrX:139917550-139917650
chrX	139917550	139917650	1065-Lng-B-T	94	chrX:139917550-139917650
chrX	139917550	139917650	901-Lng-A-T	104	chrX:139917550-139917650
chrX	139917550	139917650	1152-Lng-A-T	494	chrX:139917550-139917650
chrX	139917550	139917650	1065-Lng-C-T	278	chrX:139917550-139917650
chrX	139917550	139917650	1004-Lng-A-T	160	chrX:139917550-139917650
chrX	139917550	139917650	1100-Lng-B-T	52	chrX:139917550-139917650
chrX	139917550	139917650	901-Lng-C-T	96	chrX:139917550-139917650
chrX	139917550	139917650	1090-Lng-A-T	60	chrX:139917550-139917650
chrX	139965350	139965450	901-Lng-B-T	140	chrX:139965350-139965450
chrX	139970050	139970150	1100-Lng-A-T	114	chrX:139970050-139970150
chrX	140007850	140007950	1223-Lng-B-T	109	chrX:140007850-140007950
chrX	140081150	140081250	1223-Lng-A-T	186	chrX:140081150-140081250
chrX	140266250	140266350	1223-Lng-A-T	90	chrX:140266250-140266350
chrX	140334450	140334550	1065-Lng-B-T	69	chrX:140334450-140334550

Table S2: SB Insertion regions

chrX	140480150	140480250	1090-Lng-B-T	166	chrX:140480150-140480250
chrX	140507550	140507650	846-Lng-A-T	110	chrX:140507550-140507650
chrX	140638250	140638350	901-Lng-C-T	56	chrX:140638250-140638350
chrX	140696950	140697050	846-Lng-A-T	142	chrX:140696950-140697050
chrX	141183550	141183650	1065-Lng-A-T	75	chrX:141183550-141183650
chrX	141279050	141279150	901-Lng-C-T	34	chrX:141279050-141279150
chrX	141324050	141324150	1065-Lng-B-T	91	chrX:141324050-141324150
chrX	141550550	141550650	901-Lng-B-T	211	chrX:141550550-141550650
chrX	141555850	141555950	1004-Lng-A-T	87	chrX:141555850-141555950
chrX	141612450	141612550	1004-Lng-A-T	77	chrX:141612450-141612550
chrX	141687050	141687150	901-Lng-B-T	149	chrX:141687050-141687150
chrX	141723550	141723650	901-Lng-C-T	49	chrX:141723550-141723650
chrX	142071750	142071850	1223-Lng-A-T	75	chrX:142071750-142071850
chrX	142089550	142089650	1072-Lng-A-T	57	chrX:142089550-142089650
chrX	142267550	142267650	1223-Lng-A-T	2117	chrX:142267550-142267650
chrX	142558150	142558250	846-Lng-A-T	45	chrX:142558150-142558250
chrX	142599550	142599650	901-Lng-C-T	55	chrX:142599550-142599650
chrX	143177950	143178050	901-Lng-B-T	158	chrX:143177950-143178050
chrX	143347350	143347450	901-Lng-D-T	58	chrX:143347350-143347450
chrX	143351750	143351850	1152-Lng-A-T	52	chrX:143351750-143351850
chrX	143835650	143835750	1065-Lng-B-T	51	chrX:143835650-143835750
chrX	144129550	144129650	1151-Lng-A-T	326	chrX:144129550-144129650
chrX	144149450	144149550	1188-Lng-A-T	111	chrX:144149450-144149550
chrX	146718550	146718650	1274-Lng-A-T	137	chrX:146718550-146718650
chrX	146835950	146836050	901-Lng-A-T	58	chrX:146835950-146836050
chrX	147013750	147013850	901-Lng-D-T	77	chrX:147013750-147013850
chrX	147427250	147427350	1223-Lng-C-T	48	chrX:147427250-147427350
chrX	147781550	147781650	1151-Lng-A-T	211	chrX:147781550-147781650
chrX	147785150	147785250	1223-Lng-B-T	39	chrX:147785150-147785250
chrX	147793550	147793650	1223-Lng-D-T	46	chrX:147793550-147793650
chrX	148008250	148008350	901-Lng-A-T	101	chrX:148008250-148008350
chrX	148020050	148020150	1274-Lng-A-T	74	chrX:148020050-148020150
chrX	148201550	148201650	1090-Lng-A-T	53	chrX:148201550-148201650
chrX	148262950	148263050	1065-Lng-A-T	57	chrX:148262950-148263050
chrX	148269550	148269650	901-Lng-B-T	124	chrX:148269550-148269650
chrX	148327150	148327250	1223-Lng-B-T	263	chrX:148327150-148327250
chrX	148584750	148584850	1100-Lng-A-T	247	chrX:148584750-148584850
chrX	148828750	148828850	901-Lng-C-T	62	chrX:148828750-148828850
chrX	149088850	149088950	1274-Lng-A-T	215	chrX:149088850-149088950
chrX	149105650	149105750	1100-Lng-A-T	98	chrX:149105650-149105750
chrX	149107350	149107450	901-Lng-B-T	115	chrX:149107350-149107450
chrX	149142850	149142950	1004-Lng-A-T	56	chrX:149142850-149142950
chrX	149161750	149161850	1065-Lng-B-T	58	chrX:149161750-149161850
chrX	149230350	149230450	1223-Lng-B-T	417	chrX:149230350-149230450
chrX	149618750	149618850	1090-Lng-B-T	120	chrX:149618750-149618850
chrX	149739350	149739450	901-Lng-B-T	93	chrX:149739350-149739450

Table S2: SB Insertion regions

chrX	150184450	150184550	1223-Lng-C-T	60	chrX:150184450-150184550
chrX	150670750	150670850	1223-Lng-D-T	40	chrX:150670750-150670850
chrX	150727350	150727450	1090-Lng-A-T	69	chrX:150727350-150727450
chrX	150953850	150953950	1090-Lng-A-T	122	chrX:150953850-150953950
chrX	151368050	151368150	901-Lng-A-T	175	chrX:151368050-151368150
chrX	151779550	151779650	1223-Lng-D-T	60	chrX:151779550-151779650
chrX	151844450	151844550	901-Lng-A-T	51	chrX:151844450-151844550
chrX	152092850	152092950	901-Lng-B-T	191	chrX:152092850-152092950
chrX	152144050	152144150	1065-Lng-C-T	76	chrX:152144050-152144150
chrX	152406250	152406350	1065-Lng-B-T	45	chrX:152406250-152406350
chrX	152795250	152795350	1223-Lng-B-T	302	chrX:152795250-152795350
chrX	152955550	152955650	1223-Lng-B-T	364	chrX:152955550-152955650
chrX	152960250	152960350	1223-Lng-B-T	45	chrX:152960250-152960350
chrX	153411650	153411750	901-Lng-C-T	64	chrX:153411650-153411750
chrX	153438950	153439050	1065-Lng-A-T	93	chrX:153438950-153439050
chrX	153596750	153596850	1090-Lng-A-T	321	chrX:153596750-153596850
chrX	153879650	153879750	1152-Lng-A-T	34	chrX:153879650-153879750
chrX	153906750	153906850	1152-Lng-A-T	88	chrX:153906750-153906850
chrX	153950450	153950550	901-Lng-B-T	500	chrX:153950450-153950550
chrX	153976650	153976750	901-Lng-A-T	683	chrX:153976650-153976750
chrX	154193150	154193250	1065-Lng-A-T	73	chrX:154193150-154193250
chrX	154310550	154310650	1223-Lng-B-T	42	chrX:154310550-154310650
chrX	154449650	154449750	1152-Lng-A-T	97	chrX:154449650-154449750
chrX	154496850	154496950	1274-Lng-A-T	53	chrX:154496850-154496950
chrX	154859050	154859150	901-Lng-B-T	245	chrX:154859050-154859150
chrX	154938150	154938250	1223-Lng-C-T	72	chrX:154938150-154938250
chrX	155520250	155520350	901-Lng-A-T	157	chrX:155520250-155520350
chrX	155677650	155677750	1090-Lng-B-T	879	chrX:155677650-155677750
chrX	155846250	155846350	1223-Lng-D-T	44	chrX:155846250-155846350
chrX	155931350	155931450	1065-Lng-A-T	161	chrX:155931350-155931450
chrX	156002050	156002150	1274-Lng-A-T	53	chrX:156002050-156002150
chrX	156036550	156036650	1065-Lng-A-T	54	chrX:156036550-156036650
chrX	156131750	156131850	846-Lng-A-T	88	chrX:156131750-156131850
chrX	156244550	156244650	1274-Lng-A-T	107	chrX:156244550-156244650
chrX	156393050	156393150	901-Lng-A-T	72	chrX:156393050-156393150
chrX	156488550	156488650	901-Lng-C-T	41	chrX:156488550-156488650
chrX	156892450	156892550	1223-Lng-B-T	263	chrX:156892450-156892550
chrX	156964150	156964250	1065-Lng-A-T	64	chrX:156964150-156964250
chrX	156992050	156992150	1065-Lng-B-T	57	chrX:156992050-156992150
chrX	157070250	157070350	1223-Lng-C-T	44	chrX:157070250-157070350
chrX	157073350	157073450	901-Lng-A-T	132	chrX:157073350-157073450
chrX	157085450	157085550	846-Lng-A-T	135	chrX:157085450-157085550
chrX	157273450	157273550	901-Lng-A-T	77	chrX:157273450-157273550
chrX	157308350	157308450	1188-Lng-A-T	36	chrX:157308350-157308450
chrX	157381950	157382050	1223-Lng-D-T	47	chrX:157381950-157382050
chrX	157420450	157420550	901-Lng-A-T	316	chrX:157420450-157420550

Table S2: SB Insertion regions

chrX	157447150	157447250	1100-Lng-A-T	162	chrX:157447150-157447250
chrX	157465050	157465150	1065-Lng-A-T	498	chrX:157465050-157465150
chrX	157573350	157573450	1223-Lng-C-T	60	chrX:157573350-157573450
chrX	157763950	157764050	901-Lng-C-T	54	chrX:157763950-157764050
chrX	158181850	158181950	1065-Lng-A-T	51	chrX:158181850-158181950
chrX	158531850	158531950	1223-Lng-C-T	58	chrX:158531850-158531950
chrX	158815950	158816050	1065-Lng-C-T	79	chrX:158815950-158816050
chrX	159075750	159075850	1065-Lng-A-T	321	chrX:159075750-159075850
chrX	159094250	159094350	1090-Lng-A-T	125	chrX:159094250-159094350
chrX	159238350	159238450	901-Lng-D-T	668	chrX:159238350-159238450
chrX	159251550	159251650	901-Lng-D-T	986	chrX:159251550-159251650
chrX	159349950	159350050	1065-Lng-B-T	51	chrX:159349950-159350050
chrX	159415050	159415150	1065-Lng-B-T	67	chrX:159415050-159415150
chrX	159431350	159431450	1223-Lng-B-T	151	chrX:159431350-159431450
chrX	159436650	159436750	1065-Lng-B-T	61	chrX:159436650-159436750
chrX	159758850	159758950	1274-Lng-A-T	57	chrX:159758850-159758950
chrX	159789750	159789850	1100-Lng-A-T	108	chrX:159789750-159789850
chrX	159815750	159815850	1223-Lng-B-T	167	chrX:159815750-159815850
chrX	159861250	159861350	846-Lng-A-T	156	chrX:159861250-159861350
chrX	160388350	160388450	1274-Lng-A-T	146	chrX:160388350-160388450
chrX	160417350	160417450	846-Lng-A-T	149	chrX:160417350-160417450
chrX	160423050	160423150	1065-Lng-A-T	65	chrX:160423050-160423150
chrX	160521650	160521750	901-Lng-B-T	109	chrX:160521650-160521750
chrX	160723850	160723950	901-Lng-C-T	63	chrX:160723850-160723950
chrX	160782050	160782150	901-Lng-B-T	163	chrX:160782050-160782150
chrX	160835750	160835850	1167-Lng-A-T	109	chrX:160835750-160835850
chrX	160851050	160851150	1223-Lng-C-T	55	chrX:160851050-160851150
chrX	161010450	161010550	846-Lng-A-T	170	chrX:161010450-161010550
chrX	161156150	161156250	901-Lng-D-T	190	chrX:161156150-161156250
chrX	161410150	161410250	1223-Lng-B-T	118	chrX:161410150-161410250
chrX	161438050	161438150	1090-Lng-B-T	109	chrX:161438050-161438150
chrX	161492850	161492950	1223-Lng-A-T	162	chrX:161492850-161492950
chrX	161502150	161502250	846-Lng-A-T	60	chrX:161502150-161502250
chrX	161635850	161635950	1090-Lng-B-T	703	chrX:161635850-161635950
chrX	161741150	161741250	1065-Lng-B-T	75	chrX:161741150-161741250
chrX	161802250	161802350	1223-Lng-B-T	45	chrX:161802250-161802350
chrX	161894050	161894150	1152-Lng-A-T	75	chrX:161894050-161894150
chrX	161985450	161985550	901-Lng-B-T	176	chrX:161985450-161985550
chrX	162118850	162118950	901-Lng-B-T	228	chrX:162118850-162118950
chrX	162131650	162131750	1065-Lng-A-T	37	chrX:162131650-162131750
chrX	162422650	162422750	1151-Lng-A-T	59	chrX:162422650-162422750
chrX	162441050	162441150	846-Lng-A-T	169	chrX:162441050-162441150
chrX	162643550	162643650	1151-Lng-A-T	423	chrX:162643550-162643650
chrX	162760250	162760350	1065-Lng-A-T	46	chrX:162760250-162760350
chrX	162786650	162786750	1274-Lng-A-T	50	chrX:162786650-162786750
chrX	162848350	162848450	1188-Lng-A-T	53	chrX:162848350-162848450

Table S2: SB Insertion regions

chrX	162872950	162873050	1100-Lng-A-T	57	chrX:162872950-162873050
chrX	162886650	162886750	1090-Lng-A-T	168	chrX:162886650-162886750
chrX	162894150	162894250	901-Lng-B-T	98	chrX:162894150-162894250
chrX	162899250	162899350	901-Lng-D-T	234	chrX:162899250-162899350
chrX	162907950	162908050	1152-Lng-A-T	104	chrX:162907950-162908050
chrX	162909650	162909750	1188-Lng-A-T	108	chrX:162909650-162909750
chrX	162913450	162913550	1100-Lng-A-T	123	chrX:162913450-162913550
chrX	162959550	162959650	1065-Lng-B-T	49	chrX:162959550-162959650
chrX	162999250	162999350	1100-Lng-B-T	11675	chrX:162999250-162999350
chrX	163039350	163039450	1072-Lng-A-T	117	chrX:163039350-163039450
chrX	163269250	163269350	1274-Lng-A-T	51	chrX:163269250-163269350
chrX	163308150	163308250	1065-Lng-B-T	242	chrX:163308150-163308250
chrX	163431150	163431250	1004-Lng-A-T	113	chrX:163431150-163431250
chrX	163460450	163460550	1167-Lng-A-T	84	chrX:163460450-163460550
chrX	163523150	163523250	1223-Lng-A-T	112	chrX:163523150-163523250
chrX	163545750	163545850	1223-Lng-A-T	1116	chrX:163545750-163545850
chrX	163752250	163752350	1065-Lng-B-T	71	chrX:163752250-163752350
chrX	163788250	163788350	1152-Lng-A-T	68	chrX:163788250-163788350
chrX	164080650	164080750	1065-Lng-C-T	1425	chrX:164080650-164080750
chrX	164204150	164204250	1274-Lng-A-T	49	chrX:164204150-164204250
chrX	164210750	164210850	1223-Lng-B-T	128	chrX:164210750-164210850
chrX	164328650	164328750	1065-Lng-A-T	94	chrX:164328650-164328750
chrX	164400750	164400850	1065-Lng-B-T	56	chrX:164400750-164400850
chrX	164480150	164480250	1065-Lng-C-T	80	chrX:164480150-164480250
chrX	164667350	164667450	1065-Lng-B-T	61	chrX:164667350-164667450
chrX	164742450	164742550	1152-Lng-A-T	82	chrX:164742450-164742550
chrX	164744450	164744550	901-Lng-A-T	92	chrX:164744450-164744550
chrX	165098750	165098850	1188-Lng-A-T	96	chrX:165098750-165098850
chrX	165237650	165237750	901-Lng-A-T	76	chrX:165237650-165237750
chrX	165273250	165273350	1223-Lng-A-T	75	chrX:165273250-165273350
chrX	165309950	165310050	1065-Lng-A-T	464	chrX:165309950-165310050
chrX	165381850	165381950	901-Lng-B-T	42	chrX:165381850-165381950
chrX	165739950	165740050	1151-Lng-A-T	75	chrX:165739950-165740050
chrX	166002050	166002150	1151-Lng-A-T	344	chrX:166002050-166002150
chrX	166087850	166087950	901-Lng-A-T	121	chrX:166087850-166087950
chrX	166126250	166126350	1223-Lng-B-T	46	chrX:166126250-166126350
chrX	166419950	166420050	846-Lng-A-T	64	chrX:166419950-166420050
chrY	60350	60450	1274-Lng-A-T	166	chrY:60350-60450
chrY	258350	258450	1072-Lng-A-T	72	chrY:258350-258450
chrY	351050	351150	1100-Lng-A-T	53	chrY:351050-351150
chrY	511950	512050	1100-Lng-A-T	130	chrY:511950-512050
chrY	603050	603150	1188-Lng-A-T	35	chrY:603050-603150
chrY	607550	607650	1152-Lng-A-T	122	chrY:607550-607650
chrY	616750	616850	1072-Lng-A-T	147	chrY:616750-616850
chrY	618450	618550	1100-Lng-A-T	84	chrY:618450-618550
chrY	646050	646150	1065-Lng-B-T	70	chrY:646050-646150

Table S2: SB Insertion regions

chrY	662350	662450	1274-Lng-A-T	53	chrY:662350-662450
chrY	1019650	1019750	1004-Lng-A-T	189	chrY:1019650-1019750
chrY	1317950	1318050	1004-Lng-A-T	67	chrY:1317950-1318050
chrY	1633650	1633750	1274-Lng-A-T	174	chrY:1633650-1633750
chrY	1635050	1635150	1072-Lng-A-T	166	chrY:1635050-1635150
chrY	1714850	1714950	1152-Lng-A-T	94	chrY:1714850-1714950
chrY	1744650	1744750	1090-Lng-A-T	124	chrY:1744650-1744750
chrY	1791950	1792050	1152-Lng-A-T	124	chrY:1791950-1792050
chrY	1996550	1996650	1004-Lng-A-T	249	chrY:1996550-1996650
chrY	2005450	2005550	1274-Lng-A-T	76	chrY:2005450-2005550
chrY	2496150	2496250	1072-Lng-A-T	56	chrY:2496150-2496250
chrY	2506550	2506650	1100-Lng-A-T	69	chrY:2506550-2506650
chrY	2782050	2782150	1167-Lng-A-T	102	chrY:2782050-2782150
chrY	2782850	2782950	1152-Lng-A-T	80	chrY:2782850-2782950
chrY	2788650	2788750	1274-Lng-A-T	53	chrY:2788650-2788750
chrY	2794050	2794150	1152-Lng-A-T	119	chrY:2794050-2794150
chrY	2855250	2855350	1100-Lng-A-T	60	chrY:2855250-2855350
chrY	2855850	2855950	1274-Lng-A-T	51	chrY:2855850-2855950
chrY	2856050	2856150	1090-Lng-A-T	111	chrY:2856050-2856150
chrY	2856550	2856650	1072-Lng-A-T	106	chrY:2856550-2856650
chrY	2858950	2859050	1167-Lng-A-T	58	chrY:2858950-2859050
chrY	2859150	2859250	1004-Lng-A-T	70	chrY:2859150-2859250
chrY	2862450	2862550	1004-Lng-A-T	82	chrY:2862450-2862550
chrY	2867850	2867950	1090-Lng-B-T	63	chrY:2867850-2867950
chrY	2869950	2870050	1072-Lng-A-T	69	chrY:2869950-2870050
chrY	2875950	2876050	1274-Lng-A-T	120	chrY:2875950-2876050
chrY	2876250	2876350	1167-Lng-A-T	54	chrY:2876250-2876350
chrY	2881150	2881250	1188-Lng-A-T	35	chrY:2881150-2881250
chrY	2883950	2884050	1090-Lng-A-T	58	chrY:2883950-2884050
chrY	2888950	2889050	1072-Lng-A-T	71	chrY:2888950-2889050
chrY	2890350	2890450	1100-Lng-A-T	90	chrY:2890350-2890450
chrY	2892050	2892150	1152-Lng-A-T	50	chrY:2892050-2892150

1 Chromosome addresses are based on the GRCm38/mm10 genome build