

Node	Total SNPs	Num of SNPs inside recombinations
10395_8_13	0	0
10395_8_35	100	72
10395_8_56	0	0
10263_7_45	0	0
10395_8_52	0	0
10395_8_36	137	111
10395_8_24	0	0
10263_7_46	1	0
10395_8_17	102	69
10395_8_18	0	0
10395_8_9	93	64
10395_8_34	140	106
10395_8_58	143	82
10395_8_15	0	0
10395_8_26	166	138
10395_8_30	0	0
10263_7_40	191	146
10395_8_51	171	138
10263_7_16	153	116
10263_7_47	46	32
10395_8_37	35	6
10395_8_22	338	309
10263_7_53	0	0
10395_8_19	182	162
10263_7_2	84	68
10395_8_41	45	11
10263_7_11	276	232
10263_7_43	150	100
10395_8_68	0	0
10395_8_48	88	37
10263_7_12	172	131
10395_8_57	6	0
10395_8_66	72	51
10395_8_61	0	0
10395_8_1	44	22
10263_7_10	0	0
10702_4_42	176	158
10263_7_23	0	0
10395_8_33	328	299
10263_7_14	10	9
10395_8_25	379	337
10395_8_8	0	0

10395_8_28	0	0
10263_7_39	300	267
10263_7_64	0	0
10263_7_32	77	58
10395_8_67	8	0
10395_8_6	130	93
10263_7_27	69	40
10395_8_21	99	60
10263_7_60	87	64
10263_7_3	89	65
10395_8_50	121	85
10263_7_65	140	103
10263_7_7	414	346
10395_8_38	114	76
10263_7_49	119	94
10395_8_29	218	181
10395_8_62	166	132
10395_8_42	0	0
10263_7_5	199	180
10395_8_20	0	0
10395_8_31	188	152
10263_7_63	0	0
10395_8_55	0	0
10263_7_44	0	0
10395_8_54	0	0
internal_69	174	125
internal_76	51	39
internal_75	57	30
internal_74	220	130
internal_80	103	67
internal_83	13	4
internal_82	191	162
internal_81	156	84
internal_79	403	324
internal_88	166	144
internal_87	6	0
internal_86	86	60
internal_85	21	0
internal_84	532	460
internal_78	442	404
internal_77	482	338
internal_73	158	141
internal_72	33	13

internal_71	1433	1254
internal_95	201	148
internal_94	199	152
internal_100	235	200
internal_102	20	10
internal_101	536	499
internal_99	783	701
internal_107	101	92
internal_108	81	40
internal_106	549	496
internal_110	65	55
internal_109	91	55
internal_105	87	9
internal_104	433	337
internal_112	127	102
internal_114	201	144
internal_113	237	201
internal_111	412	337
internal_103	789	681
internal_98	252	207
internal_97	231	183
internal_117	69	40
internal_116	3	0
internal_115	1222	1167
internal_96	723	657
internal_93	127	105
internal_92	130	83
internal_91	2083	1968
internal_124	110	71
internal_123	88	53
internal_129	6	0
internal_130	258	156
internal_128	140	107
internal_127	17	7
internal_126	143	127
internal_125	762	680
internal_122	253	232
internal_121	163	154
internal_132	171	140
internal_131	570	533
internal_120	86	77
internal_68	781	729
internal_119	332	288

internal_118	1177	1115
internal_90	531	495
internal_89	3334	3148
internal_70	661	589
internal_ROO	0	0

Num of SNPs outside recombinations	Num of Recombination Blocks
0	0
28	6
0	0
0	0
0	0
26	7
0	0
1	0
33	4
0	0
29	2
34	5
61	7
0	0
28	6
0	0
45	7
33	9
37	9
14	4
29	1
29	7
0	0
20	5
16	6
34	1
44	11
50	5
0	0
51	3
41	9
6	0
21	4
0	0
22	3
0	0
18	5
0	0
29	8
1	1
42	10
0	0

0	0
33	11
0	0
19	5
8	0
37	4
29	4
39	3
23	7
24	5
36	5
37	7
68	8
38	4
25	7
37	16
34	11
0	0
19	9
0	0
36	8
0	0
0	0
0	0
49	8
12	4
27	5
90	6
36	6
9	1
29	5
72	6
79	12
22	5
6	0
26	4
21	0
72	12
38	12
144	13
17	2
20	2

179	43
53	10
47	8
35	6
10	1
37	10
82	13
9	5
41	3
53	12
10	2
36	5
78	1
96	12
25	5
57	6
36	5
75	12
108	23
45	9
48	12
29	4
3	0
55	25
66	22
22	8
47	5
115	34
39	8
35	6
6	0
102	8
33	9
10	1
16	2
82	18
21	6
9	3
31	9
37	12
9	6
52	16
44	12

62  
36  
186  
72  
0

28  
11  
52  
16  
0



<b>Bases in Recombinations</b>	<b>r/m</b>	<b>rho/theta</b>
168498	0	0
400759	2.571429	0.214286
415850	0	0
342088	0	0
395098	0	0
409869	4.269231	0.269231
406361	0	0
286868	0	0
358775	2.090909	0.121212
286881	0	0
303034	2.206897	0.068966
388051	3.117647	0.147059
410014	1.344262	0.114754
380258	0	0
407405	4.928571	0.214286
293817	0	0
254334	3.244444	0.155556
416429	4.181818	0.272727
387322	3.135135	0.243243
401996	2.285714	0.285714
399980	0.206897	0.034483
300701	10.655172	0.241379
365346	0	0
357331	8.1	0.25
301944	4.25	0.375
407235	0.323529	0.029412
370505	5.272727	0.25
397587	2	0.1
301915	0	0
349212	0.72549	0.058824
388087	3.195122	0.219512
387122	0	0
390687	2.428571	0.190476
357324	0	0
293740	1	0.136364
253760	0	0
294056	8.777778	0.277778
387216	0	0
297663	10.310345	0.275862
253580	9	1
307933	8.023809	0.238095
377306	0	0

345414	0	0
385401	8.090909	0.333333
286929	0	0
365742	3.052632	0.263158
342854	0	0
345426	2.513514	0.108108
358795	1.37931	0.137931
408984	1.538462	0.076923
390600	2.782609	0.304348
377568	2.708333	0.208333
168585	2.361111	0.138889
273120	2.783784	0.189189
294976	5.088235	0.117647
360582	2	0.105263
275419	3.76	0.28
343184	4.891892	0.432432
379343	3.882353	0.323529
399045	0	0
387226	9.473684	0.473684
253587	0	0
297009	4.222222	0.222222
378475	0	0
407235	0	0
406456	0	0
388051	0	0
168498	2.55102	0.163265
253760	3.25	0.333333
253587	1.111111	0.185185
253580	1.444444	0.066667
301915	1.861111	0.166667
293817	0.444444	0.111111
293806	5.586207	0.172414
293729	1.166667	0.083333
290739	4.101266	0.151899
286929	6.545455	0.227273
286881	0	0
286881	2.307692	0.153846
286868	0	0
286868	6.388889	0.166667
286186	10.631579	0.315789
273027	2.347222	0.090278
252835	8.294118	0.117647
252835	0.65	0.1

252662	7.005587	0.240223
395098	2.792453	0.188679
380258	3.234043	0.170213
387122	5.714286	0.171429
387216	1	0.1
387203	13.486486	0.27027
384946	8.54878	0.158537
406361	10.222222	0.555556
406456	0.97561	0.073171
406346	9.358491	0.226415
399045	5.5	0.2
399045	1.527778	0.138889
398996	0.115385	0.012821
398996	3.510417	0.125
407235	4.08	0.2
415850	2.526316	0.105263
407235	5.583333	0.138889
407235	4.493333	0.16
395392	6.305555	0.212963
365641	4.6	0.2
360561	3.8125	0.25
388051	1.37931	0.137931
388001	0	0
388001	21.218182	0.454545
356087	9.954545	0.333333
352075	4.772727	0.363636
352052	1.765957	0.106383
349125	17.113043	0.295652
345414	1.820513	0.205128
342854	1.514286	0.171429
377306	0	0
378475	1.529412	0.078431
377306	3.242424	0.272727
358775	0.7	0.1
358775	7.9375	0.125
358775	8.292683	0.219512
342789	11.047619	0.285714
342088	17.111111	0.333333
365739	4.516129	0.290323
365346	14.405405	0.324324
342080	8.555555	0.666667
357324	14.019231	0.307692
342080	6.545455	0.272727

341877  
262544  
255420  
64049  
0

17.983871  
13.75  
16.92473  
8.180555  
0

0.451613  
0.305556  
0.27957  
0.222222  
0

**Genome Length****Bases in Clonal Frame**

2092081	2001772
2077723	1871347
2086174	1863504
2087250	1919575
2086849	1878263
2076965	1869218
2085998	1876293
2084921	1920602
2079296	1916780
2081510	1917941
2077208	1923473
2077499	1890226
2088231	1886223
2087436	1897364
2078918	1884415
2077509	1915399
2054477	1916106
2089398	1865689
2085442	1897289
2088695	1894843
2087860	1879149
2082940	1935088
2088452	1907154
2080737	1912701
2078811	1925268
2088846	1873267
2077010	1913786
2089027	1885583
2076358	1921780
2088002	1912980
2079971	1898799
2088807	1893485
2070686	1901293
2087394	1914090
2076303	1918827
2072734	1933387
2070562	1916916
2083261	1890365
2088131	1937087
2085261	1936217
2075025	1922287
2075106	1909706

2070122	1922872
2084680	1916343
2073101	1920799
2081062	1905200
2076751	1928301
2074955	1927254
2077135	1913694
2088207	1882318
2086281	1895446
2081533	1909443
2085194	1997766
2074964	1920500
2073389	1918342
2083075	1911114
2089494	1965633
2081213	1920162
2074225	1909097
2086984	1881934
2080278	1889595
2083539	1933622
2075900	1920191
2077263	1911273
2088782	1867161
2088399	1884857
2089209	1897055
2127566	2127566
2093318	1953869
2197233	2044245
2255469	2098009
2121449	1965582
2134550	1970860
2173870	2007120
2202270	2032889
2249618	2080062
2102517	1946247
2205007	2034875
2236202	2065162
2304215	2125765
2340846	2159990
2501510	2319466
2518909	2340060
2581837	2399065
2613785	2424896

2650566	2614367
2103964	1907283
2157173	1965170
2152341	1945467
2120236	1921281
2189712	1977655
2276611	2056920
2135155	1921166
2100699	1895974
2224186	1996195
2187016	1962081
2229766	1995874
2362251	2099113
2370851	2104909
2179921	1945997
2139275	1917144
2152392	1928427
2266885	2028324
2464874	2205353
2568328	2290987
2578222	2304695
2162975	1958590
2178506	1971988
2224006	2032252
2662943	2384648
2689557	2403488
2709731	2422406
2715993	2502778
2113028	1964114
2151690	1999918
2114162	1942325
2115922	1947651
2151859	1981226
2180999	2008268
2212208	2038778
2248245	2088878
2306854	2145112
2415684	2231402
2145872	1965858
2211433	2034795
2548564	2343982
2157564	1983124
2608703	2395132

2636190  
3123920  
3141007  
3398492  
3428223

2466901  
2896279  
3080493  
3398492  
3428223