

chr	start	stop	num.probes	seg.mean
1	830001	1730000	90	1.257449
1	1820001	2580000	76	1.264354
1	2660001	3700000	101	1.39175
1	6050001	6710000	66	1.33219
1	7480001	7770000	29	1.467845
1	8900001	10110000	121	1.446434
1	10680001	11140000	46	1.420304
1	11360001	12290000	93	1.43704
1	16010001	16170000	16	1.330621
1	16310001	16570000	26	1.378692
1	16660001	16830000	17	1.450852
1	17660001	17920000	26	1.345367
1	21480001	21690000	21	1.418632
1	21830001	22000000	17	1.347887
1	22140001	22360000	22	1.328778
1	1.5E+08	1.5E+08	17	2.556376
1	2.02E+08	2.02E+08	20	1.370308
2	89880001	90335000	38	1.212009
2	97300001	97640000	34	1.483289
2	2.19E+08	2.19E+08	18	1.380892
2	2.42E+08	2.43E+08	51	1.402985
3	51960001	52570000	61	1.484626
3	1.66E+08	1.66E+08	36	3.023459
4	610001	1880000	121	1.395808
4	2250001	2540000	29	1.398519
4	3640001	3880000	24	1.454174
4	1.91E+08	1.91E+08	26	2.524504
5	1000001	1300000	30	1.260416
5	1.39E+08	1.39E+08	44	1.476826
5	1.78E+08	1.78E+08	37	1.460639
5	1.79E+08	1.79E+08	80	1.484421
6	34360001	34560000	20	1.451858
6	35350001	35530000	18	1.463984
6	57200001	57580000	38	5.07005
6	80850001	84000000	315	1.190197
6	84760001	85120000	36	1.232511
6	86190001	86400000	21	1.1169
6	87690001	88070000	38	1.227651
6	88280001	88540000	26	1.137211
6	90310001	92100000	179	1.217144
6	92520001	92790000	27	1.178294
6	94940001	95755000	74	1.130374
6	96180001	96430000	25	1.147664
6	97130001	98040000	91	1.214784
6	99110001	99680000	57	1.266634
6	1E+08	1E+08	24	1.171454
6	1.02E+08	1.04E+08	164	1.083576
6	1.06E+08	1.07E+08	37	1.241686
6	1.08E+08	1.09E+08	33	1.071031
6	1.09E+08	1.1E+08	101	1.153646
6	1.1E+08	1.11E+08	81	1.173485

6	1.13E+08	1.15E+08	126	1.217482
6	1.24E+08	1.25E+08	180	1.186819
6	1.31E+08	1.32E+08	20	1.196898
6	1.35E+08	1.37E+08	260	1.200304
6	1.38E+08	1.4E+08	222	1.185421
6	1.41E+08	1.46E+08	483	1.208737
6	1.46E+08	1.51E+08	457	1.175684
6	1.57E+08	1.58E+08	36	1.250062
6	1.58E+08	1.58E+08	76	1.101981
6	1.59E+08	1.59E+08	61	1.017268
6	1.6E+08	1.61E+08	107	1.186655
6	1.63E+08	1.63E+08	19	1.243322
6	1.63E+08	1.64E+08	33	1.192592
6	1.64E+08	1.65E+08	38	1.167886
6	1.67E+08	1.68E+08	127	1.084102
6	1.68E+08	1.68E+08	24	1.197977
6	1.68E+08	1.69E+08	38	0.853167
6	1.69E+08	1.7E+08	151	1.130531
7	160001	2770000	256	1.338484
7	5260001	5670000	41	1.204304
7	5820001	6210000	39	1.491744
7	6310001	6700000	39	1.415881
7	63060001	63210000	15	1.434353
7	72420001	72970000	35	1.494642
7	72970001	73190000	22	1.227055
7	73190001	73340000	15	1.392425
7	73410001	74080000	67	1.232511
7	74080001	74675000	33	1.416274
7	75160001	75710000	55	1.382999
7	75800001	75950000	15	1.240051
7	75950001	76110000	16	1.483598
7	98740001	99140000	40	1.472839
7	99670001	1.01E+08	86	1.360088
7	1.01E+08	1.01E+08	65	1.375733
7	1.51E+08	1.51E+08	34	1.473963
8	1.42E+08	1.46E+08	377	1.459425
9	43280001	43740000	33	1.056432
9	1.3E+08	1.31E+08	109	1.376782
9	1.31E+08	1.32E+08	78	1.333391
9	1.32E+08	1.33E+08	31	1.317132
9	1.34E+08	1.34E+08	24	1.320423
9	1.34E+08	1.34E+08	37	1.369263
9	1.36E+08	1.39E+08	295	1.475803
9	1.39E+08	1.4E+08	129	1.258844
10	17780001	18210000	22	1.067103
10	46950001	47150000	20	3.817425
10	1.35E+08	1.35E+08	37	1.28076
11	280001	900000	62	1.246515
11	3360001	3970000	61	2.528707
11	4220001	5780000	155	2.909558
11	5810001	7720000	191	2.885857
11	10330001	10660000	33	2.791615

11	11070001	13130000	206	2.872088
11	14930001	16050000	112	2.992394
11	16650001	16990000	34	2.718291
11	18870001	19860000	99	2.924318
11	22170001	25430000	325	2.90291
11	25460001	27350000	189	2.929592
11	27620001	28280000	66	2.98742
11	29730001	30570000	84	3.028073
11	33070001	33440000	37	2.60503
11	34350001	41600000	724	2.905729
11	47160001	47490000	33	1.462564
11	48810001	48970000	16	3.960822
11	55030001	55360000	33	2.83805
11	55460001	56450000	99	2.930202
11	56480001	56650000	17	2.931624
11	59020001	59350000	33	2.772332
11	59440001	60320000	88	2.843366
11	61920001	62140000	22	2.61172
11	63810001	65790000	198	1.427509
11	68230001	68510000	28	2.614436
11	72280001	72470000	19	1.40893
11	72550001	72990000	44	2.602503
11	75860001	76050000	19	1.482364
11	76930001	77360000	43	2.705884
11	78250001	79080000	83	2.890662
11	79890001	89580000	963	2.909961
11	89730001	90630000	89	2.880262
11	91930001	92480000	55	3.01948
11	93520001	93960000	44	2.823139
11	93980001	95260000	127	2.926751
11	99660001	1.02E+08	265	2.860366
11	1.02E+08	1.06E+08	376	2.953448
11	1.08E+08	1.09E+08	85	2.632256
11	1.1E+08	1.11E+08	67	2.905326
11	1.12E+08	1.12E+08	22	2.643226
11	1.12E+08	1.13E+08	47	2.874677
11	1.13E+08	1.14E+08	112	2.723383
11	1.14E+08	1.16E+08	201	2.875873
11	1.17E+08	1.18E+08	132	2.526255
11	1.21E+08	1.23E+08	219	2.762932
11	1.24E+08	1.25E+08	45	2.820791
11	1.25E+08	1.26E+08	59	2.74632
11	1.27E+08	1.3E+08	375	2.856998
11	1.33E+08	1.34E+08	148	2.880262
11	1.34E+08	1.35E+08	19	2.870297
12	1.12E+08	1.12E+08	20	1.368789
12	1.13E+08	1.14E+08	43	1.494642
12	1.22E+08	1.22E+08	42	1.329423
12	1.24E+08	1.24E+08	19	1.362636
12	1.34E+08	1.34E+08	18	0.936727
14	77330001	77500000	17	1.435845
14	99970001	1E+08	26	1.472737

14	1.01E+08	1.01E+08	25	1.46368
14	1.05E+08	1.05E+08	33	1.438535
14	1.05E+08	1.06E+08	117	1.361786
14	1.07E+08	1.07E+08	25	1.094977
15	20390001	20630000	24	3.927469
15	22300001	22725000	34	2.83569
15	40730001	42290000	156	0.884847
15	42470001	42750000	28	1.139578
15	43290001	44210000	86	1.044853
15	47000001	47630000	63	1.208402
15	48660001	49240000	58	1.259106
15	49430001	52830000	340	1.154205
15	59050001	60020000	97	1.102516
15	62660001	63010000	35	1.185421
15	63100001	64300000	120	1.104428
15	64970001	65170000	20	1.345087
15	65420001	65600000	18	0.965535
15	65720001	66160000	44	1.093384
15	66200001	66460000	26	0.907708
15	66550001	66830000	28	1.057604
15	69830001	70560000	73	1.033759
15	70980001	72450000	146	1.143931
15	72500001	72810000	31	1.071848
15	73180001	73610000	43	1.181156
15	73690001	73970000	28	1.192922
15	73970001	74550000	55	0.854054
15	75050001	75530000	48	1.469984
15	78610001	78840000	23	1.039219
15	84000001	85010000	91	1.194577
15	85290001	85530000	24	0.963062
15	90540001	90780000	24	1.421388
15	90980001	91200000	22	1.022145
15	91360001	91520000	16	1.427311
15	95290001	98100000	281	1.211085
15	98330001	98890000	56	1.230462
15	99070001	1.01E+08	158	1.102287
16	110001	3340000	321	1.326661
16	4230001	4860000	63	1.32024
16	4920001	5160000	24	1.431373
16	11260001	11770000	51	1.43704
16	14370001	14520000	15	1.455788
16	22140001	22340000	20	1.492675
16	22500001	22710000	16	3.357529
16	28230001	29065000	58	1.382424
16	29600001	31260000	156	1.40143
16	31360001	31520000	16	1.493606
16	32080001	33680000	114	2.710389
16	33860001	34200000	19	10.80105
16	67180001	67340000	16	1.453569
16	67420001	68120000	70	1.435546
16	85090001	85700000	61	1.320972
16	87570001	87850000	28	1.393005

16	88370001	88830000	41	1.29307
17	690001	1690000	100	1.283693
17	1810001	1970000	16	1.207899
17	2590001	2870000	28	1.273148
17	3410001	3890000	48	1.327489
17	4270001	5040000	77	1.37297
17	6890001	8310000	142	1.478567
17	9020001	9170000	15	1.445331
17	29710001	29910000	20	1.456292
17	36570001	36910000	34	1.310303
17	38060001	38720000	66	1.488336
17	41600001	41860000	26	1.497338
17	42200001	42470000	27	1.3422
17	42800001	43580000	78	1.425334
17	47920001	48290000	37	1.418927
17	71250001	71650000	40	1.438435
17	72190001	72480000	29	1.385109
17	72730001	74150000	142	1.408735
17	74250001	75140000	89	1.441429
17	75200001	75570000	37	1.428697
17	76100001	76630000	53	1.306765
17	76830001	77475000	64	1.374589
17	77520001	78520000	92	1.422669
19	390001	2820000	243	1.141871
19	2960001	5600000	264	1.200221
19	5670001	5950000	28	1.209659
19	5950001	8340000	230	1.408637
19	8370001	8810000	39	1.298549
19	9110001	9290000	18	1.452059
19	9900001	11700000	180	1.281559
19	12750001	13360000	61	1.283248
19	13830001	14700000	87	1.257972
19	15190001	15700000	51	1.429489
19	16120001	19480000	336	1.290562
19	19600001	19790000	19	1.269711
19	20500001	20720000	16	1.058558
19	33460001	33800000	34	1.40464
19	36100001	36530000	43	1.281914
19	36530001	36860000	29	1.488955
19	38340001	40010000	167	1.362164
19	40650001	41340000	69	1.374493
19	41620001	41950000	33	1.359334
19	42350001	42930000	58	1.346393
19	43860001	44310000	45	1.458919
19	45140001	46480000	134	1.283871
19	46840001	47370000	53	1.371353
19	47490001	49730000	219	1.331083
19	49840001	50440000	60	1.251016
19	50670001	51340000	67	1.285295
19	54090001	54990000	90	1.402694
19	55270001	56230000	96	1.32253
19	56510001	56760000	25	1.44093

20	3050001	3280000	23	1.447135
20	3640001	3860000	22	1.422472
20	31030001	31680000	65	1.466625
20	42160001	42390000	23	1.488748
20	48500001	48930000	43	1.457403
20	55140001	55300000	16	1.496404
20	60500001	61470000	87	1.338391
20	61580001	62440000	86	1.340155
21	10400001	10675000	25	5.804211
21	44720001	44940000	22	1.493089
21	45100001	45290000	19	1.342666
21	45530001	45950000	42	1.374779
21	46250001	46460000	21	1.431671
21	46700001	46950000	25	1.382424
22	16660001	17050000	20	3.013416
22	17580001	17740000	16	1.475394
22	20260001	21440000	93	0.690207
22	21880001	22100000	19	1.411863
22	23500001	24110000	61	0.755655
22	24110001	24270000	16	1.483598
22	24490001	24660000	17	0.670635
22	26230001	27270000	104	1.066734
22	27870001	28150000	28	0.870973
22	30600001	30970000	37	1.489058
22	30970001	31690000	72	0.852221
22	32040001	33000000	96	0.997508
22	33230001	34040000	81	1.089677
22	35420001	35700000	28	1.0817
22	35700001	35880000	18	0.701639
22	36770001	37030000	26	0.756651
22	37410001	37880000	47	1.415096
22	38270001	38750000	48	0.600943
22	38870001	39120000	25	0.979692
22	39120001	39270000	15	0.644789
22	39360001	40130000	77	0.649815
22	40130001	40490000	36	1.058851
22	40730001	41660000	93	1.00104
22	41660001	42120000	46	1.385974
22	42120001	42360000	24	0.734279
22	42460001	42680000	22	0.866337
22	42680001	42840000	16	0.507155
22	42900001	43200000	30	1.239536
22	43410001	43650000	24	1.309667
22	44220001	44540000	32	1.499935
22	44540001	44860000	32	0.713557
22	44970001	45500000	53	1.423063
22	45650001	46050000	40	0.794049
22	46050001	46260000	21	1.18723
22	46260001	46410000	15	0.544234
22	46710001	47150000	44	0.617709
22	47150001	47430000	28	1.015788
22	48490001	48910000	42	0.953893

	22	48910001	49120000		21	0.599944
	22	49120001	49460000		34	0.848331
	22	50130001	50310000		18	1.058411
	22	51040001	51250000		21	1.212345
X		1	2690000		228	1.445832
X		48310001	49160000		85	1.483084
X		1.19E+08	1.19E+08		15	1.411276
X		1.53E+08	1.54E+08		106	1.449645

chr	start	stop	m.probes	seg.mean
1	840001	1300000	46	1.258234
1	1300001	1730000	43	1.486789
1	1820001	2580000	76	1.372684
1	2660001	4070000	122	1.45488
1	6050001	6710000	66	1.458515
1	6940001	7480000	54	0.90796
1	7480001	7770000	29	0.562841
1	7770001	8370000	60	1.001526
1	8430001	8900000	47	1.119147
1	8900001	9320000	42	0.829665
1	9320001	9470000	15	0.548552
1	9470001	9980000	51	0.761175
1	9980001	10670000	69	1.026903
1	10770001	11030000	26	0.618952
1	11030001	11360000	33	0.953695
1	11360001	12290000	93	0.675768
1	12290001	12600000	31	1.093005
1	12720001	13195000	34	1.160945
1	13850001	15090000	124	1.057971
1	15090001	16340000	125	0.833353
1	16340001	16510000	17	0.502293
1	17340001	17880000	54	0.768864
1	17880001	18110000	23	0.606425
1	18110001	18950000	84	0.859816
1	19130001	19290000	16	0.589637
1	19290001	21020000	173	0.888165
1	21060001	21540000	48	1.099159
1	21680001	21890000	21	0.914845
1	22000001	22680000	68	0.754661
1	22680001	22850000	17	1.082825
1	22850001	23260000	41	0.65884
1	23260001	24250000	99	0.93517
1	24250001	24450000	19	0.570698
1	24450001	27660000	321	0.868441
1	27940001	31150000	306	0.89994
1	31150001	31390000	24	0.647207
1	32120001	32270000	15	1.486274
1	41820001	42000000	18	1.467845
2	89880001	90335000	38	1.120855
3	50160001	50690000	53	1.425038
3	1.05E+08	1.27E+08	2180	1.107111
3	1.27E+08	1.28E+08	75	0.807929
3	1.28E+08	1.28E+08	47	1.063559
3	1.28E+08	1.28E+08	15	0.550762
3	1.28E+08	1.29E+08	81	0.895025
3	1.29E+08	1.29E+08	18	0.869345
3	1.29E+08	1.3E+08	41	1.020305
3	1.3E+08	1.37E+08	674	1.111263
3	1.66E+08	1.66E+08	36	2.96329
4	610001	1890000	122	1.464086
4	1.91E+08	1.91E+08	26	2.587933

5	1000001	1260000	26	1.347047
5	1.77E+08	1.77E+08	23	1.465304
5	1.79E+08	1.79E+08	27	1.471921
6	57200001	57580000	38	5.154027
6	80850001	84000000	315	1.107341
6	84760001	85120000	36	1.155086
6	86190001	86400000	21	1.092248
6	87680001	88070000	39	1.164734
6	88290001	88540000	25	1.143931
6	90310001	92110000	180	1.127557
6	92520001	92790000	27	1.076762
6	94940001	95755000	74	1.038211
6	96180001	96430000	25	1.057238
6	97140001	98040000	90	1.117055
6	99110001	99680000	57	1.147425
6	1E+08	1E+08	24	1.11907
6	1.02E+08	1.04E+08	164	1.001179
6	1.06E+08	1.07E+08	37	1.133827
6	1.08E+08	1.09E+08	33	1.025978
6	1.09E+08	1.1E+08	101	1.092172
6	1.1E+08	1.11E+08	82	1.096496
6	1.13E+08	1.15E+08	126	1.086509
6	1.24E+08	1.25E+08	180	1.067695
6	1.31E+08	1.32E+08	20	1.128886
6	1.35E+08	1.37E+08	260	1.118527
6	1.38E+08	1.4E+08	222	1.105884
6	1.41E+08	1.46E+08	483	1.116281
6	1.46E+08	1.5E+08	394	1.11134
6	1.5E+08	1.51E+08	32	0.868923
6	1.51E+08	1.51E+08	31	1.102134
6	1.57E+08	1.58E+08	35	1.128182
6	1.58E+08	1.58E+08	76	1.04261
6	1.59E+08	1.59E+08	61	0.999792
6	1.6E+08	1.61E+08	107	1.074079
6	1.63E+08	1.63E+08	19	1.135872
6	1.63E+08	1.64E+08	23	1.162556
6	1.64E+08	1.65E+08	38	1.061718
6	1.67E+08	1.68E+08	127	0.977047
6	1.68E+08	1.68E+08	24	1.112496
6	1.68E+08	1.69E+08	38	0.719567
6	1.69E+08	1.7E+08	151	1.012344
7	1	2770000	269	1.456797
7	5270001	5670000	40	1.435447
7	57540001	57780000	23	3.666745
7	1.51E+08	1.51E+08	35	1.450952
9	43280001	43680000	27	1.066068
9	43680001	43840000	16	1.354162
9	1.33E+08	1.33E+08	36	1.458009
9	1.34E+08	1.34E+08	23	1.494124
9	1.36E+08	1.4E+08	395	1.455283
10	17780001	18210000	22	1.069918
10	46940001	47150000	21	3.700961

10	73270001	73580000	31	1.488748
10	1.04E+08	1.05E+08	40	0.826107
10	1.34E+08	1.35E+08	139	1.447236
11	200001	900000	70	1.43316
11	3360001	3970000	61	2.829211
11	4330001	5780000	145	2.994469
11	5810001	7720000	191	2.921279
11	9230001	9590000	36	2.800142
11	10330001	10660000	33	2.868308
11	11060001	11870000	81	2.879064
11	11900001	13130000	123	2.897081
11	14940001	16050000	111	2.940171
11	16650001	16990000	34	2.874677
11	17260001	17430000	17	2.818837
11	18390001	18610000	22	2.884457
11	18880001	19850000	97	2.941394
11	22170001	27350000	517	2.934673
11	27620001	28280000	66	2.954062
11	29730001	30570000	84	2.981627
11	33070001	33440000	37	2.909356
11	34220001	41600000	737	2.951197
11	46070001	46830000	76	2.744037
11	47590001	48120000	53	2.736629
11	48800001	48970000	17	4.622906
11	50770001	51560000	48	2.655162
11	55030001	55370000	34	2.920064
11	55460001	56650000	119	2.95652
11	59020001	59350000	33	2.886658
11	59570001	60330000	76	2.973578
11	60470001	61040000	53	2.688311
11	61220001	62310000	109	2.613349
11	62400001	62760000	36	2.64983
11	63300001	63450000	15	2.780222
11	65790001	68810000	302	2.608463
11	69380001	70150000	70	2.511762
11	70230001	70990000	76	2.511937
11	72290001	72440000	15	1.414998
11	72540001	72850000	31	2.936708
11	75860001	76040000	18	1.457605
11	76930001	77360000	43	2.954062
11	78250001	79080000	83	2.880062
11	79890001	89580000	963	2.955086
11	89730001	90650000	91	2.918243
11	91930001	92480000	55	3.013834
11	93510001	95260000	174	2.992394
11	99660001	1.02E+08	265	2.950174
11	1.02E+08	1.06E+08	376	2.962469
11	1.08E+08	1.09E+08	87	2.901301
11	1.1E+08	1.11E+08	67	2.972136
11	1.12E+08	1.12E+08	22	2.86235
11	1.12E+08	1.13E+08	47	2.915817
11	1.13E+08	1.14E+08	112	2.832351

11	1.14E+08	1.16E+08	201	2.885257
11	1.17E+08	1.18E+08	131	2.694654
11	1.19E+08	1.21E+08	198	2.657924
11	1.21E+08	1.23E+08	220	2.90291
11	1.24E+08	1.25E+08	45	2.916625
11	1.25E+08	1.26E+08	68	2.850866
11	1.27E+08	1.3E+08	375	2.900698
11	1.33E+08	1.35E+08	187	2.838837
12	1.25E+08	1.25E+08	27	1.432366
12	1.34E+08	1.34E+08	17	1.021649
13	1.14E+08	1.14E+08	22	1.499
14	73500001	73700000	20	1.078181
14	73740001	74170000	43	1.046085
14	74260001	74680000	42	1.09081
14	74760001	74970000	21	0.940696
14	74970001	75120000	15	0.722966
14	75120001	75370000	25	1.121632
14	75450001	76540000	109	1.044491
14	76580001	76770000	19	1.100302
14	76770001	76980000	21	0.850451
14	76980001	77220000	24	1.04928
14	77330001	77500000	17	0.691116
14	77500001	77660000	16	0.936727
14	77730001	90960000	1323	1.116513
14	91060001	91260000	20	1.068732
14	91300001	91550000	25	1.137763
14	91650001	91890000	24	0.744477
14	91890001	92100000	21	1.130687
14	1.01E+08	1.01E+08	35	1.485656
14	1.02E+08	1.02E+08	15	1.475905
14	1.05E+08	1.06E+08	166	1.453973
14	1.07E+08	1.07E+08	25	1.057751
15	20390001	20630000	24	3.798158
15	22300001	22725000	34	2.615161
15	31590001	31740000	15	1.238162
15	40770001	41040000	27	1.038643
15	41380001	41770000	39	0.984048
15	41870001	42100000	23	1.116049
15	42470001	42750000	28	1.056798
15	43000001	43150000	15	1.070066
15	43300001	44210000	85	1.029469
15	47000001	47630000	63	1.106037
15	48660001	49240000	58	1.162636
15	49430001	52830000	340	1.09566
15	59050001	60020000	97	1.107495
15	62660001	63010000	35	1.114966
15	63090001	64150000	106	1.058631
15	65430001	65720000	29	0.83001
15	65720001	66160000	44	1.085907
15	66200001	66450000	25	0.817562
15	66560001	66830000	27	1.055846
15	69830001	70550000	72	0.899129

15	70980001	72450000	146	1.081475
15	72500001	72810000	31	1.0511
15	73180001	73610000	43	1.093308
15	73690001	73970000	28	1.143059
15	74110001	74460000	32	0.882091
15	78610001	78840000	23	1.029826
15	84000001	85010000	91	1.096648
15	85290001	85530000	24	0.92646
15	90980001	91200000	22	1.049717
15	95280001	96870000	159	1.126463
15	96920001	98100000	118	1.122644
15	98330001	98890000	56	1.101676
15	99070001	99940000	87	1.038931
15	1E+08	1.01E+08	65	1.047464
16	560001	1600000	104	1.325007
16	1940001	2350000	41	1.351723
16	2470001	3250000	76	1.468456
16	22500001	22710000	16	3.578116
16	32090001	33590000	105	2.844746
16	33860001	34200000	19	11.95465
16	85140001	85690000	55	1.388089
16	87570001	88830000	121	1.458313
17	3430001	3670000	24	1.464086
17	7080001	7420000	34	1.492365
17	36580001	36910000	33	1.46439
17	47920001	48290000	37	1.47949
17	73470001	73650000	18	1.38857
17	76090001	76500000	41	1.482364
17	76870001	77460000	59	1.472941
19	280001	2830000	255	1.34929
19	2960001	6020000	306	1.461044
19	20500001	20720000	16	1.078929
19	42370001	42930000	56	1.472941
19	47720001	48290000	57	1.492882
19	48820001	49730000	91	1.489781
19	49830001	50500000	67	1.482364
19	50810001	51230000	42	1.42405
19	55540001	56220000	68	1.461551
20	25730001	25950000	16	3.298477
20	60170001	62440000	217	1.431572
21	10400001	10675000	25	5.636111
21	44720001	44940000	22	1.478158
21	45110001	45290000	18	1.459324
21	45530001	45890000	36	1.409418
21	46230001	46460000	23	1.480311
21	46700001	46940000	24	1.445832
22	16650001	17050000	21	3.134206
22	19860001	20260000	40	1.453872
22	20260001	21440000	93	0.647028
22	23500001	24110000	61	0.676002
22	24490001	24660000	17	0.57153
22	26220001	26920000	70	1.057971

	22	26920001	27080000	16	0.859637
	22	27080001	27270000	19	1.006676
	22	27870001	28150000	28	0.800071
	22	30980001	31690000	71	0.839208
	22	32030001	33000000	97	0.967545
	22	33230001	34060000	83	1.047681
	22	35430001	35700000	27	1.011152
	22	35700001	35880000	18	0.673804
	22	36770001	37020000	25	0.756179
	22	37440001	37880000	44	1.478158
	22	38270001	38750000	48	0.576143
	22	38870001	39120000	25	0.994746
	22	39120001	39270000	15	0.582448
	22	39360001	40140000	78	0.605752
	22	40140001	40360000	22	1.106727
	22	40730001	41310000	58	0.993368
	22	41310001	41470000	16	1.468558
	22	41470001	41650000	18	0.92287
	22	42120001	42300000	18	0.900314
	22	42460001	42670000	21	0.817845
	22	42670001	42850000	18	0.491615
	22	44540001	44860000	32	0.631039
	22	45810001	46050000	24	0.720465
	22	46050001	46270000	22	1.094749
	22	46270001	46550000	28	0.467974
	22	46700001	47150000	45	0.539128
	22	47150001	47410000	26	0.910733
	22	48490001	48910000	42	0.858863
	22	48910001	49150000	24	0.500902
	22	49150001	49460000	31	0.764824
	22	50130001	50310000	18	1.047318
	22	51040001	51250000	21	1.159096
X		1.53E+08	1.53E+08	64	1.478567
X		1.54E+08	1.54E+08	27	1.466523
Y		13490001	13640000	15	0.423343

chr	start	stop	m.probes	seg.mean
1	840001	2580000	174	1.23679
1	2660001	4070000	122	1.447436
1	6050001	6710000	66	1.282537
1	6940001	7480000	54	0.980507
1	7480001	7770000	29	0.632045
1	7770001	8200000	43	1.005073
1	8200001	8430000	23	0.721564
1	8430001	8800000	37	1.13477
1	8900001	10080000	118	0.674879
1	10080001	10670000	59	0.926781
1	10670001	11040000	37	0.583458
1	11140001	11320000	18	1.000693
1	11320001	11710000	39	0.725828
1	11710001	12300000	59	0.56331
1	12400001	12560000	16	1.206979
1	12700001	13195000	36	1.160382
1	13850001	14130000	28	1.073632
1	14160001	14990000	83	1.196566
1	14990001	16050000	106	0.839848
1	16130001	16340000	21	0.841888
1	16340001	16560000	22	0.533515
1	16560001	16830000	27	0.772496
1	17340001	17830000	49	0.762548
1	17830001	18070000	24	0.597661
1	18070001	18950000	88	0.923766
1	18950001	19400000	45	0.741079
1	19400001	19630000	23	1.053799
1	19680001	19970000	29	0.905634
1	20010001	20960000	95	0.926524
1	21060001	21500000	44	1.07014
1	21500001	21720000	22	0.655742
1	22140001	22310000	17	0.486395
1	22310001	29660000	734	0.805692
1	29660001	31110000	130	1.001248
1	31110001	31470000	36	0.801014
1	31530001	31680000	15	1.299089
1	39340001	39580000	24	1.483186
1	2.02E+08	2.02E+08	22	1.322988
2	26090001	26260000	17	1.436044
2	32190001	35970000	378	1.44443
2	37070001	37480000	41	1.28005
2	42130001	42660000	53	1.302605
2	42660001	42840000	18	1.05358
2	42840001	43150000	31	1.266898
2	43250001	43460000	21	0.926845
2	43460001	45160000	170	1.36822
2	45190001	47130000	194	1.432564
2	47130001	47310000	18	1.047101
2	47310001	52750000	544	1.435546
2	52780001	54040000	126	1.491951
2	54040001	54350000	31	1.259979

2	54350001	60860000	651	1.493917
2	60860001	61870000	101	1.2416
2	61870001	70180000	831	1.435546
2	70180001	70460000	28	1.097104
2	89880001	90335000	38	1.229695
2	97310001	97660000	35	1.438535
2	2.19E+08	2.19E+08	20	1.311393
2	2.32E+08	2.32E+08	21	1.497027
2	2.32E+08	2.33E+08	15	1.219424
2	2.33E+08	2.34E+08	38	1.499
2	2.42E+08	2.43E+08	51	1.355664
3	42980001	46700000	372	1.399489
3	46890001	50160000	327	1.026761
3	50160001	50700000	54	0.817562
3	50700001	51470000	77	1.374875
3	51470001	51750000	28	1.072442
3	51750001	51960000	21	1.414312
3	51960001	52570000	61	0.938872
3	52570001	52810000	24	1.244443
3	52870001	53180000	31	1.274826
3	53180001	53350000	17	0.915099
3	53350001	57930000	458	1.435049
3	58000001	58320000	32	1.240309
3	1.05E+08	1.09E+08	408	1.244529
3	1.09E+08	1.09E+08	25	1.006816
3	1.09E+08	1.13E+08	418	1.235504
3	1.13E+08	1.14E+08	23	1.068065
3	1.14E+08	1.23E+08	899	1.227736
3	1.23E+08	1.23E+08	25	0.946845
3	1.23E+08	1.23E+08	17	0.771266
3	1.23E+08	1.26E+08	289	1.128339
3	1.26E+08	1.26E+08	22	0.831103
3	1.26E+08	1.27E+08	38	1.147107
3	1.27E+08	1.27E+08	16	0.658064
3	1.27E+08	1.27E+08	34	1.089903
3	1.27E+08	1.28E+08	36	0.840896
3	1.28E+08	1.28E+08	52	1.133119
3	1.28E+08	1.28E+08	17	0.66591
3	1.28E+08	1.29E+08	102	0.854824
3	1.29E+08	1.3E+08	42	1.002915
3	1.3E+08	1.37E+08	670	1.196151
3	1.39E+08	1.39E+08	17	1.492675
3	1.66E+08	1.66E+08	35	3.047445
3	1.96E+08	1.96E+08	16	1.342852
4	550001	1050000	50	1.322346
4	1190001	1880000	63	1.350319
4	2250001	2590000	34	1.430481
4	3640001	3880000	24	1.477748
4	7960001	8300000	34	1.430481
4	1.91E+08	1.91E+08	26	2.633351
5	1000001	1320000	32	1.255968
5	1.39E+08	1.39E+08	65	1.496819

5	1.6E+08	1.6E+08	21	1.487614
6	31490001	32220000	69	1.476621
6	33130001	33540000	41	1.482262
6	57340001	57580000	24	5.503693
6	80850001	84000000	315	1.216975
6	84760001	85120000	36	1.260766
6	86190001	86400000	21	1.095584
6	87680001	88070000	39	1.230803
6	88290001	88540000	25	1.083876
6	90310001	90460000	15	1.17756
6	90460001	90650000	19	0.966941
6	90650001	92100000	145	1.274384
6	92520001	92790000	27	1.233878
6	94930001	95755000	75	1.153246
6	96180001	96430000	25	1.150132
6	97140001	98060000	92	1.246601
6	99110001	99680000	57	1.280849
6	1E+08	1E+08	24	1.185997
6	1.02E+08	1.04E+08	164	1.117055
6	1.06E+08	1.07E+08	37	1.235333
6	1.08E+08	1.09E+08	33	1.020941
6	1.09E+08	1.1E+08	101	1.136502
6	1.1E+08	1.11E+08	64	1.192096
6	1.11E+08	1.11E+08	17	1.026263
6	1.13E+08	1.14E+08	63	1.215458
6	1.14E+08	1.15E+08	55	1.209659
6	1.24E+08	1.25E+08	180	1.219593
6	1.31E+08	1.32E+08	20	1.17903
6	1.35E+08	1.37E+08	260	1.189702
6	1.38E+08	1.4E+08	222	1.178376
6	1.41E+08	1.46E+08	483	1.222471
6	1.46E+08	1.49E+08	230	1.235419
6	1.49E+08	1.49E+08	24	1.023067
6	1.49E+08	1.5E+08	91	1.230547
6	1.5E+08	1.5E+08	75	0.97306
6	1.5E+08	1.51E+08	37	1.185257
6	1.57E+08	1.58E+08	36	1.250929
6	1.58E+08	1.58E+08	69	1.129277
6	1.59E+08	1.59E+08	61	0.955548
6	1.6E+08	1.61E+08	107	1.158534
6	1.63E+08	1.63E+08	19	1.272971
6	1.63E+08	1.64E+08	25	1.270503
6	1.64E+08	1.65E+08	38	1.201803
6	1.67E+08	1.68E+08	101	1.132491
6	1.68E+08	1.68E+08	21	0.995781
6	1.68E+08	1.68E+08	24	1.201053
6	1.69E+08	1.7E+08	186	1.094977
7	130001	2780000	260	1.310848
7	4660001	5140000	48	1.415783
7	5140001	5650000	51	1.144486
7	5800001	6150000	35	1.369453
7	6310001	6530000	22	1.403083

7	6530001	6700000	17	1.175358
7	72410001	73680000	107	1.293697
7	73680001	74030000	35	1.06437
7	74030001	74675000	38	1.315125
7	74935001	76180000	115	1.327673
7	97830001	98190000	36	1.413038
7	98250001	98480000	23	1.477645
7	98740001	99150000	41	1.399004
7	99570001	1E+08	70	1.367367
7	1E+08	1E+08	16	1.102898
7	1.01E+08	1.01E+08	64	1.289758
7	1.4E+08	1.4E+08	34	1.434452
7	1.51E+08	1.51E+08	34	1.476519
7	1.52E+08	1.52E+08	18	1.381945
8	1.41E+08	1.42E+08	20	1.477645
8	1.44E+08	1.44E+08	37	1.060173
8	1.44E+08	1.46E+08	142	0.763553
8	1.46E+08	1.46E+08	32	1.035552
9	43280001	43740000	33	1.092399
9	68350001	68500000	15	9.122947
9	95700001	96070000	37	1.467438
9	1.24E+08	1.25E+08	30	1.477543
9	1.3E+08	1.34E+08	409	1.375065
9	1.36E+08	1.39E+08	276	1.461956
9	1.39E+08	1.4E+08	144	1.29639
10	17780001	18210000	22	1.160543
10	43830001	44010000	18	1.443929
10	46950001	47150000	20	3.825902
10	1.04E+08	1.05E+08	39	0.737288
10	1.35E+08	1.35E+08	37	1.287703
11	360001	900000	54	1.157731
11	2500001	2720000	22	2.731891
11	3360001	3970000	61	2.550182
11	4340001	5780000	144	3.029123
11	5810001	7720000	191	2.962058
11	10340001	10660000	32	2.896077
11	11060001	13130000	207	2.974403
11	14940001	16060000	112	3.119468
11	16650001	16990000	34	2.767916
11	17260001	17430000	17	2.505503
11	18880001	19860000	98	3.060357
11	22170001	25430000	325	2.966373
11	25460001	27350000	189	2.99613
11	27620001	28280000	66	3.103723
11	29730001	30570000	84	3.102433
11	33070001	33440000	37	2.590625
11	34390001	41600000	720	2.979148
11	47170001	47590000	42	1.463375
11	48810001	48970000	16	3.700192
11	55030001	55360000	33	2.924723
11	55460001	56650000	119	2.980594
11	57830001	57980000	15	2.880861

11	59050001	59300000	25	2.873681
11	59440001	60330000	89	2.799754
11	60470001	61040000	53	2.525029
11	63660001	65790000	213	1.395808
11	68230001	68400000	17	2.774254
11	72300001	72460000	16	1.455182
11	75870001	76040000	17	1.492158
11	76930001	77360000	43	2.589547
11	78250001	79080000	83	3.019689
11	79890001	89580000	963	2.977291
11	89730001	90650000	91	2.94956
11	91930001	92480000	55	3.122929
11	93520001	95260000	173	3.029123
11	99670001	1.02E+08	264	2.93793
11	1.02E+08	1.06E+08	376	3.022621
11	1.08E+08	1.09E+08	80	2.599619
11	1.1E+08	1.11E+08	67	2.972548
11	1.12E+08	1.12E+08	22	2.585243
11	1.12E+08	1.13E+08	47	2.982041
11	1.13E+08	1.16E+08	317	2.911979
11	1.17E+08	1.18E+08	131	2.583989
11	1.19E+08	1.21E+08	198	2.513156
11	1.21E+08	1.22E+08	132	3.001118
11	1.22E+08	1.23E+08	88	2.536783
11	1.24E+08	1.25E+08	46	2.870894
11	1.25E+08	1.26E+08	67	2.72962
11	1.27E+08	1.3E+08	375	2.859772
11	1.33E+08	1.35E+08	187	2.918041
12	290001	560000	27	1.314578
12	560001	760000	20	1.075718
12	760001	1900000	114	1.291815
12	1960001	2900000	94	1.343503
12	2900001	3370000	47	0.957205
12	7790001	8200000	41	1.477133
12	86700001	98810000	1210	1.320881
12	98810001	99040000	23	1.091264
12	99040001	1.02E+08	320	1.313758
12	1.02E+08	1.04E+08	204	1.388859
12	1.12E+08	1.12E+08	17	1.252578
12	1.12E+08	1.12E+08	24	1.421683
12	1.13E+08	1.14E+08	40	1.443229
12	1.22E+08	1.22E+08	45	1.266898
12	1.25E+08	1.26E+08	85	1.448741
12	1.34E+08	1.34E+08	18	0.885154
13	1.14E+08	1.14E+08	15	1.401042
13	1.14E+08	1.14E+08	15	1.336537
14	73490001	73700000	21	1.003541
14	73740001	74180000	44	0.929934
14	74230001	74680000	45	0.960994
14	74680001	74880000	20	0.699163
14	75100001	75370000	27	1.051464
14	75450001	76550000	110	1.04928

14	76580001	76800000	22	1.167239
14	76800001	77330000	53	0.951252
14	77330001	77500000	17	0.605081
14	77500001	78460000	96	0.931288
14	78460001	89800000	1134	1.211001
14	89940001	90950000	101	1.094066
14	91060001	91240000	18	1.145915
14	91310001	91540000	23	1.144486
14	91590001	91890000	30	0.747684
14	91890001	92110000	22	1.056798
14	93470001	93700000	23	1.448039
14	99970001	1E+08	27	1.468354
14	1.01E+08	1.01E+08	25	1.43316
14	1.01E+08	1.01E+08	35	1.489884
14	1.05E+08	1.05E+08	24	1.445231
14	1.05E+08	1.06E+08	108	1.287792
14	1.07E+08	1.07E+08	25	1.056139
15	20390001	20630000	24	2.90291
15	20630001	21210000	36	1.493606
15	22725001	23110000	36	1.0511
15	23110001	23300000	19	1.303057
15	23680001	25420000	174	1.369358
15	25500001	28660000	310	1.381083
15	28850001	29100000	22	1.373446
15	29100001	29430000	28	1.083951
15	29430001	30590000	109	1.324823
15	30700001	31590000	75	1.293339
15	31700001	32530000	83	1.362164
15	32600001	40330000	757	1.41647
15	40330001	40530000	20	1.140289
15	40770001	41030000	26	0.981323
15	41030001	41260000	23	0.656151
15	41260001	41780000	52	0.901313
15	41870001	42100000	23	1.004516
15	42470001	42760000	29	1.098397
15	43290001	44210000	86	1.037923
15	47000001	47630000	63	1.24427
15	48660001	49240000	58	1.290026
15	49430001	50530000	110	1.217144
15	50530001	51140000	61	0.986643
15	51140001	52830000	169	1.144724
15	59050001	60020000	97	1.059145
15	62660001	63010000	35	1.180993
15	63090001	64290000	120	1.101142
15	65010001	65160000	15	1.294684
15	65430001	65740000	31	0.771319
15	65740001	66160000	42	1.042105
15	66200001	66450000	25	0.888288
15	66550001	66830000	28	1.025125
15	69820001	70280000	46	1.111032
15	70280001	70560000	28	0.948947
15	70980001	72810000	182	1.107956

15	73180001	73560000	38	1.206811
15	73690001	73970000	28	1.19466
15	73970001	74540000	54	0.813774
15	74540001	74790000	25	1.47478
15	75050001	75260000	21	1.343969
15	78610001	78840000	23	1.035408
15	84000001	85010000	91	1.193667
15	85290001	85530000	24	0.894777
15	90280001	90810000	53	1.472329
15	90980001	91200000	22	1.03994
15	95290001	96870000	158	1.233878
15	96920001	98110000	119	1.251536
15	98330001	98890000	56	1.241255
15	99070001	1.01E+08	158	1.100074
16	190001	3250000	304	1.280405
16	3490001	3800000	31	1.449143
16	3930001	5170000	124	1.337279
16	9050001	9280000	23	1.422373
16	22110001	22340000	23	1.453872
16	28220001	29090000	60	1.298009
16	29600001	30250000	60	1.255359
16	30360001	31250000	89	1.309122
16	31340001	31520000	18	1.423951
16	33860001	34200000	19	9.84506
16	58630001	58810000	18	1.49133
16	67170001	67330000	16	1.336815
16	67420001	68070000	65	1.377832
16	70200001	70410000	20	1.478567
16	81140001	81310000	17	1.417059
16	84820001	85690000	87	1.379839
16	87580001	87970000	39	1.337464
16	88370001	88830000	41	1.264266
17	700001	1680000	98	1.202136
17	2590001	2830000	24	1.163039
17	3430001	3890000	46	1.243236
17	4270001	4510000	24	1.263653
17	4610001	4970000	36	1.268831
17	6910001	8310000	140	1.409321
17	9020001	9180000	16	1.441729
17	16120001	16420000	30	1.441729
17	36410001	37920000	151	1.420107
17	38060001	38720000	66	1.436542
17	39980001	41380000	140	1.480721
17	42150001	42450000	30	1.236361
17	43030001	43340000	31	1.284405
17	45770001	46210000	44	1.459728
17	71250001	71610000	36	1.429787
17	72170001	72480000	31	1.355101
17	72730001	73480000	75	1.382615
17	73480001	73640000	16	1.158132
17	73640001	75930000	229	1.445031
17	76120001	76290000	17	1.1098

17	76290001	76620000	33	1.366135
17	76780001	77460000	68	1.429489
17	77620001	78580000	95	1.464898
18	11860001	12010000	15	1.474985
18	43160001	44540000	138	1.30026
18	44570001	46060000	149	1.383382
18	46060001	46360000	30	1.132491
18	46360001	46560000	20	0.91904
18	46560001	46950000	39	1.442629
18	46950001	47290000	34	1.250669
18	47290001	56410000	897	1.45599
18	56540001	66260000	970	1.428202
19	260001	560000	30	1.22595
19	560001	960000	40	0.935364
19	960001	2830000	187	1.085154
19	2940001	4980000	204	1.080201
19	4980001	5600000	62	1.268919
19	5650001	5950000	30	1.17048
19	6310001	6520000	21	1.158614
19	6520001	7160000	62	1.482878
19	7160001	8340000	111	1.228672
19	8370001	8830000	41	1.204889
19	9090001	9290000	20	1.401722
19	9880001	11710000	183	1.164895
19	12750001	13120000	37	1.178621
19	13160001	13360000	20	1.180174
19	13830001	14690000	86	1.140764
19	15350001	15700000	35	1.419418
19	16120001	19110000	299	1.19317
19	19160001	19500000	34	1.151568
19	19600001	19780000	18	1.236961
19	20510001	20720000	15	1.03627
19	33450001	33800000	35	1.343503
19	35450001	36100000	65	1.433856
19	36100001	36540000	44	1.206644
19	36540001	36820000	24	1.401333
19	38340001	38610000	27	1.469984
19	38610001	39110000	50	1.170804
19	39110001	40010000	90	1.332375
19	40310001	40490000	18	1.491641
19	40650001	40870000	22	1.368315
19	40980001	41330000	35	1.29289
19	41620001	41950000	33	1.303599
19	42510001	42980000	47	1.383191
19	43860001	44310000	45	1.369928
19	45240001	46530000	129	1.184354
19	46780001	47370000	59	1.332098
19	47480001	48370000	89	1.24911
19	48780001	51340000	251	1.237476
19	54090001	54730000	64	1.271208
19	55270001	56210000	94	1.255968
19	56490001	56760000	27	1.406978

20	3000001	3240000	24	1.385878
20	3640001	3860000	22	1.310666
20	4960001	5120000	16	1.481542
20	25730001	25950000	16	3.313372
20	30050001	30260000	21	1.341642
20	31110001	31370000	26	1.293608
20	44440001	44600000	16	1.371448
20	45770001	46120000	35	1.494021
20	48500001	48870000	37	1.3764
20	49210001	49500000	29	1.386839
20	55100001	55300000	20	1.412157
20	60620001	61470000	75	1.312302
20	61580001	62440000	86	1.329331
21	10400001	10675000	25	5.868127
21	44720001	44940000	22	1.473248
21	45100001	45420000	32	1.328317
21	45530001	45890000	36	1.305769
21	46230001	46480000	25	1.492468
21	46660001	46940000	28	1.454376
22	16660001	17050000	20	2.941598
22	17050001	17290000	23	1.486583
22	17560001	17740000	18	1.429787
22	19480001	20260000	78	1.45488
22	20260001	21440000	93	0.638164
22	21880001	22110000	20	1.283782
22	23500001	24110000	61	0.689107
22	24110001	24340000	22	1.356886
22	24490001	24660000	17	0.637766
22	26230001	26930000	70	1.132177
22	26930001	27080000	15	0.771854
22	27080001	27270000	19	1.045722
22	27870001	28150000	28	0.844459
22	30600001	30980000	38	1.41539
22	30980001	31690000	71	0.805915
22	32030001	32400000	37	0.816486
22	32400001	33000000	60	1.01988
22	33240001	34060000	82	1.084929
22	35420001	35700000	28	1.09855
22	35700001	35880000	18	0.664942
22	36770001	36990000	22	0.619639
22	37410001	37880000	47	1.456595
22	38290001	38870000	58	0.524531
22	38870001	39120000	25	0.906513
22	39120001	39270000	15	0.580272
22	39410001	40130000	72	0.557986
22	40130001	40490000	36	1.053215
22	40730001	41590000	86	0.966673
22	41650001	42120000	47	1.175602
22	42120001	42290000	17	0.822051
22	42460001	42670000	21	0.82542
22	42670001	42850000	18	0.496168
22	43010001	43200000	19	1.229354

22	43400001	43650000	25	1.220862
22	44220001	44540000	32	1.491641
22	44540001	44860000	32	0.707499
22	44990001	45140000	15	1.211757
22	45140001	45500000	36	1.470493
22	45650001	46050000	40	0.770357
22	46050001	46260000	21	1.207732
22	46260001	46550000	29	0.561789
22	46550001	46710000	16	1.488026
22	46710001	47150000	44	0.529059
22	47150001	47430000	28	0.975491
22	48490001	48910000	42	0.927873
22	48910001	49150000	24	0.597537
22	49150001	49460000	31	0.849567
22	50130001	50310000	18	1.023989
22	51040001	51250000	21	1.250669
X	1	1020000	84	1.425038
X	1210001	1470000	20	1.183287
X	41100001	41380000	28	1.481645
X	48310001	49150000	84	1.442229
X	70310001	70590000	28	1.45488
X	1.03E+08	1.07E+08	343	1.471207
X	1.07E+08	1.07E+08	24	1.21934
X	1.07E+08	1.19E+08	1135	1.450852
X	1.19E+08	1.19E+08	59	1.086509
X	1.19E+08	1.23E+08	350	1.485347
X	1.23E+08	1.23E+08	17	1.222386
X	1.23E+08	1.23E+08	20	1.233793
X	1.23E+08	1.29E+08	582	1.442129
X	1.29E+08	1.29E+08	23	0.902188
X	1.29E+08	1.33E+08	326	1.477748
X	1.33E+08	1.41E+08	774	1.457706
X	1.53E+08	1.54E+08	106	1.406198

chr	start	stop	m.probes	seg.mean
1	840001	2290000	145	1.190279
1	2290001	2560000	27	1.398713
1	2660001	4070000	122	1.462057
1	6050001	6710000	66	1.271825
1	6940001	7480000	54	1.074377
1	7480001	7770000	29	0.794985
1	7770001	8220000	45	1.011012
1	8220001	8430000	21	0.832487
1	8430001	8810000	38	1.155406
1	8900001	10110000	121	0.746803
1	10110001	10300000	19	0.913451
1	10410001	10580000	17	0.887734
1	10680001	11140000	46	0.723819
1	11140001	11330000	19	1.028755
1	11330001	11700000	37	0.799184
1	11700001	12300000	60	0.685724
1	12300001	12550000	25	1.196732
1	12700001	13195000	36	1.161509
1	13850001	14010000	16	1.034978
1	14160001	15000000	84	1.246601
1	15000001	15220000	22	1.039579
1	15220001	15380000	16	0.754399
1	15380001	15730000	35	0.94285
1	15760001	16010000	25	0.924535
1	16260001	16830000	57	0.744684
1	17340001	17660000	32	0.870128
1	17660001	18070000	41	0.730067
1	18070001	18220000	15	0.946714
1	18220001	18850000	63	1.055042
1	18850001	19420000	57	0.891743
1	19540001	19970000	43	0.889459
1	20030001	20790000	76	1.05358
1	20790001	21010000	22	0.867118
1	21060001	21490000	43	1.06629
1	21490001	21700000	21	0.743137
1	21830001	22000000	17	0.69366
1	22090001	22380000	29	0.683115
1	22440001	22600000	16	0.755184
1	22600001	22860000	26	1.056872
1	22860001	24260000	140	0.887242
1	24450001	27150000	270	0.916559
1	27150001	27470000	32	0.68925
1	27470001	29720000	225	0.853226
1	29720001	31130000	126	1.096116
1	31130001	31450000	32	0.8679
1	31530001	31730000	20	1.27112
1	31970001	33800000	183	1.477953
1	36550001	36700000	15	1.25223
1	39370001	39570000	20	1.372494
1	43390001	43540000	15	1.491847
1	45310001	47090000	178	1.452864

1	47640001	47920000	28	1.431671
1	54870001	55100000	23	1.211085
1	1.5E+08	1.5E+08	18	2.504982
1	1.5E+08	1.52E+08	172	1.499311
1	1.53E+08	1.54E+08	97	1.432366
1	1.55E+08	1.56E+08	76	1.445832
1	1.56E+08	1.57E+08	124	1.439033
1	2.02E+08	2.02E+08	20	1.27624
1	2.42E+08	2.42E+08	17	1.486068
2	25040001	25610000	57	1.49071
2	26080001	26260000	18	1.334871
2	47480001	47650000	17	1.428499
2	89880001	90335000	38	1.284316
2	97310001	97670000	36	1.429787
2	2.19E+08	2.19E+08	19	1.265669
2	2.32E+08	2.32E+08	17	1.489264
2	2.32E+08	2.33E+08	20	1.175358
2	2.33E+08	2.34E+08	40	1.486583
2	2.42E+08	2.43E+08	47	1.327029
3	9540001	10310000	77	1.474882
3	46890001	47060000	17	1.281648
3	47410001	47620000	21	1.255968
3	47760001	47910000	15	1.181975
3	47910001	48100000	19	1.435248
3	48100001	48290000	19	1.185668
3	48440001	49440000	100	1.214027
3	49530001	50820000	129	1.266898
3	51600001	51750000	15	1.397163
3	51960001	52570000	61	1.320606
3	1.05E+08	1.09E+08	403	1.299539
3	1.09E+08	1.09E+08	31	1.042755
3	1.09E+08	1.13E+08	420	1.275444
3	1.13E+08	1.14E+08	18	1.017691
3	1.14E+08	1.24E+08	1085	1.250669
3	1.25E+08	1.26E+08	112	1.087488
3	1.26E+08	1.26E+08	42	1.200554
3	1.26E+08	1.26E+08	21	0.924535
3	1.26E+08	1.27E+08	38	1.198641
3	1.27E+08	1.27E+08	40	1.142109
3	1.27E+08	1.27E+08	28	0.899877
3	1.27E+08	1.28E+08	63	1.172998
3	1.28E+08	1.29E+08	129	0.894343
3	1.29E+08	1.3E+08	40	1.087488
3	1.3E+08	1.36E+08	593	1.279695
3	1.36E+08	1.37E+08	71	1.039435
3	1.38E+08	1.39E+08	22	1.473452
3	1.66E+08	1.66E+08	36	3.119684
3	1.84E+08	1.84E+08	15	1.465304
4	550001	1050000	50	1.291636
4	1540001	1900000	36	1.286097
4	2330001	2580000	25	1.294953
4	7940001	8300000	36	1.434055

4	1.91E+08	1.91E+08	26	2.502552
5	990001	1300000	31	1.29666
5	90460001	90670000	21	1.277745
5	1.32E+08	1.32E+08	15	1.45216
5	1.39E+08	1.39E+08	64	1.429787
5	1.5E+08	1.5E+08	19	1.410689
5	1.6E+08	1.6E+08	15	1.369643
5	1.76E+08	1.77E+08	160	1.493917
5	1.78E+08	1.78E+08	27	1.460538
5	1.79E+08	1.79E+08	81	1.414116
5	1.8E+08	1.8E+08	15	1.466625
5	1.8E+08	1.8E+08	35	1.40075
6	14880001	15280000	40	1.491641
6	30450001	30910000	46	1.496301
6	31030001	31180000	15	1.440131
6	31520001	32200000	64	1.414606
6	33120001	33520000	40	1.448039
6	33980001	34560000	58	1.419812
6	34600001	34810000	21	1.496923
6	35350001	35790000	44	1.447336
6	36940001	37190000	25	1.41343
6	41370001	42170000	80	1.465406
6	57210001	57370000	16	4.545062
6	57370001	57580000	21	5.66863
6	80850001	84000000	315	1.256665
6	84760001	85120000	36	1.294146
6	86190001	86400000	21	1.162153
6	87680001	88070000	39	1.258844
6	88290001	88540000	25	1.099007
6	90430001	90650000	22	1.032685
6	90650001	92100000	145	1.358675
6	92520001	92790000	27	1.222471
6	94930001	95755000	75	1.178703
6	96170001	96430000	26	1.198226
6	97140001	98060000	92	1.291189
6	99110001	99680000	57	1.340898
6	1E+08	1E+08	25	1.232511
6	1.02E+08	1.04E+08	164	1.155726
6	1.06E+08	1.07E+08	37	1.291636
6	1.07E+08	1.07E+08	15	1.343783
6	1.08E+08	1.09E+08	33	1.084853
6	1.09E+08	1.1E+08	101	1.188383
6	1.1E+08	1.11E+08	59	1.251189
6	1.11E+08	1.11E+08	22	1.037636
6	1.11E+08	1.12E+08	15	1.160704
6	1.13E+08	1.15E+08	127	1.247984
6	1.24E+08	1.25E+08	180	1.286722
6	1.31E+08	1.32E+08	20	1.209407
6	1.35E+08	1.37E+08	260	1.226545
6	1.38E+08	1.4E+08	222	1.229183
6	1.41E+08	1.46E+08	483	1.270503
6	1.46E+08	1.49E+08	231	1.295133

6	1.49E+08	1.49E+08	20	1.042972
6	1.49E+08	1.5E+08	96	1.269007
6	1.5E+08	1.51E+08	76	1.012204
6	1.51E+08	1.51E+08	34	1.222725
6	1.57E+08	1.58E+08	37	1.318776
6	1.58E+08	1.58E+08	76	1.156528
6	1.59E+08	1.59E+08	52	0.996609
6	1.6E+08	1.6E+08	34	0.506558
6	1.6E+08	1.61E+08	107	1.249716
6	1.63E+08	1.63E+08	19	1.302515
6	1.63E+08	1.64E+08	18	1.411569
6	1.64E+08	1.64E+08	15	1.098702
6	1.64E+08	1.64E+08	35	0.40059
6	1.64E+08	1.65E+08	38	1.237647
6	1.65E+08	1.65E+08	33	0.442516
6	1.67E+08	1.68E+08	89	1.205808
6	1.68E+08	1.68E+08	27	1.045577
6	1.68E+08	1.68E+08	23	1.271472
6	1.68E+08	1.69E+08	39	0.999861
6	1.69E+08	1.7E+08	153	1.214027
7	180001	2770000	254	1.286365
7	4490001	5260000	75	1.349757
7	5260001	5670000	41	1.063559
7	5810001	6150000	34	1.302244
7	6310001	6520000	21	1.357357
7	6520001	6700000	18	1.147823
7	6700001	6850000	15	1.420206
7	43990001	44200000	21	1.38003
7	44550001	45230000	68	1.47949
7	63050001	63200000	15	1.315855
7	65160001	65980000	81	1.488852
7	72250001	72710000	26	1.435646
7	72710001	72860000	15	1.214953
7	72970001	74060000	109	1.113267
7	74060001	74390000	24	1.275268
7	75150001	75640000	49	1.204471
7	75640001	75800000	16	1.481234
7	75800001	76170000	37	1.184682
7	97830001	98480000	65	1.398616
7	98740001	99160000	42	1.334038
7	99550001	99810000	26	1.425136
7	1E+08	1.01E+08	46	1.150451
7	1.01E+08	1.01E+08	64	1.223658
7	1.01E+08	1.02E+08	36	1.439931
7	1.02E+08	1.02E+08	31	1.23945
7	1.31E+08	1.31E+08	16	1.418632
7	1.4E+08	1.4E+08	54	1.43058
7	1.49E+08	1.49E+08	36	1.427015
7	1.51E+08	1.51E+08	35	1.442429
7	1.52E+08	1.52E+08	33	1.379648
8	70810001	71010000	20	1.458616
8	1.42E+08	1.42E+08	25	1.49133

8	1.44E+08	1.46E+08	163	1.304412
9	6510001	6830000	32	1.477953
9	34020001	34190000	17	1.337279
9	36470001	36620000	15	1.343969
9	43280001	43730000	32	1.06157
9	68350001	68500000	15	9.316577
9	95700001	96020000	32	1.415096
9	1.01E+08	1.01E+08	21	1.47744
9	1.24E+08	1.24E+08	18	1.329976
9	1.27E+08	1.27E+08	42	1.498896
9	1.3E+08	1.33E+08	242	1.25475
9	1.33E+08	1.33E+08	34	1.442329
9	1.33E+08	1.34E+08	46	1.358016
9	1.34E+08	1.34E+08	25	1.266283
9	1.34E+08	1.34E+08	38	1.310938
9	1.36E+08	1.4E+08	413	1.387993
10	13230001	13480000	25	1.496404
10	17780001	18210000	22	1.086208
10	43810001	43970000	16	1.281026
10	46940001	47150000	21	3.678965
10	72050001	72330000	28	1.462463
10	75550001	75760000	21	1.466828
10	76460001	76620000	16	1.498065
10	1.04E+08	1.05E+08	40	0.844635
10	1.26E+08	1.26E+08	31	1.471513
10	1.35E+08	1.35E+08	27	1.258147
11	200001	360000	16	1.494228
11	360001	900000	54	1.152287
11	2560001	2860000	30	2.587215
11	4340001	5780000	144	3.011537
11	5810001	6320000	51	2.964934
11	6500001	7730000	123	2.914604
11	10340001	10660000	32	2.744798
11	11060001	13130000	207	2.875474
11	14940001	16060000	112	3.08143
11	16650001	16990000	34	2.58381
11	18880001	19870000	99	2.95181
11	22170001	27350000	517	2.959185
11	27620001	28290000	67	3.066302
11	29730001	30570000	84	3.057813
11	34310001	41600000	728	2.933657
11	46060001	46250000	19	2.580409
11	47340001	47500000	16	1.237132
11	48810001	48970000	16	3.371989
11	55030001	55360000	33	2.906937
11	55460001	56450000	99	2.958775
11	56480001	56660000	18	2.952015
11	59050001	59240000	19	2.887258
11	59580001	60330000	75	2.927563
11	63660001	64180000	52	1.264003
11	64480001	65790000	131	1.343224
11	68230001	68420000	19	2.593499

11	72280001	72460000	18	1.434154
11	76920001	77210000	29	2.70776
11	78250001	79080000	83	2.926142
11	79890001	89580000	963	2.946291
11	89730001	90650000	91	2.94221
11	91930001	92480000	55	3.099424
11	93560001	95260000	169	2.950787
11	99660001	1.02E+08	218	2.957545
11	1.02E+08	1.06E+08	376	3.025136
11	1.1E+08	1.11E+08	64	2.882059
11	1.12E+08	1.13E+08	47	2.819619
11	1.13E+08	1.14E+08	40	2.696335
11	1.14E+08	1.16E+08	250	2.9011
11	1.18E+08	1.19E+08	23	1.473248
11	1.2E+08	1.21E+08	18	2.591163
11	1.21E+08	1.22E+08	129	2.887258
11	1.24E+08	1.25E+08	45	2.778873
11	1.25E+08	1.26E+08	55	2.630615
11	1.27E+08	1.3E+08	294	2.946495
11	1.3E+08	1.3E+08	20	2.545413
11	1.33E+08	1.34E+08	96	3.039639
11	1.34E+08	1.35E+08	91	2.605752
12	2870001	3440000	57	1.482159
12	6110001	7300000	114	1.483906
12	7770001	8210000	44	1.429787
12	53220001	53610000	39	1.423853
12	53610001	53780000	17	1.231827
12	56060001	57210000	115	1.481029
12	1.1E+08	1.11E+08	140	1.497857
12	1.12E+08	1.12E+08	18	1.229013
12	1.13E+08	1.14E+08	43	1.36803
12	1.21E+08	1.21E+08	58	1.337928
12	1.22E+08	1.22E+08	29	1.344528
12	1.22E+08	1.22E+08	43	1.153006
12	1.22E+08	1.24E+08	149	1.418632
12	1.24E+08	1.24E+08	16	1.188877
12	1.25E+08	1.25E+08	65	1.424544
12	1.25E+08	1.26E+08	20	1.467235
12	1.34E+08	1.34E+08	18	0.823705
13	20280001	20530000	25	1.491847
13	95890001	96070000	18	1.401042
13	1.14E+08	1.14E+08	15	1.276506
14	23250001	23530000	28	1.440331
14	34950001	35130000	18	1.349944
14	73500001	75370000	187	0.945927
14	75450001	75640000	19	1.104658
14	75770001	76110000	34	1.072665
14	76110001	76550000	44	1.230974
14	76580001	76800000	22	1.251363
14	76800001	77330000	53	1.003541
14	77330001	77500000	17	0.723367
14	77500001	77940000	44	1.029326

14	77970001	78450000	48	0.983707
14	78450001	83850000	540	1.302696
14	83880001	89820000	594	1.26269
14	89820001	90200000	38	1.052923
14	90200001	90540000	34	1.25867
14	90540001	90950000	41	1.064739
14	91050001	91240000	19	1.232852
14	91310001	91540000	23	1.107265
14	91540001	91890000	35	0.853167
14	91890001	92110000	22	1.099845
14	99970001	1E+08	29	1.466523
14	1.01E+08	1.01E+08	24	1.37497
14	1.05E+08	1.06E+08	60	1.378214
14	1.06E+08	1.06E+08	46	1.1964
14	1.07E+08	1.07E+08	24	1.087187
15	20390001	20630000	24	3.790006
15	40770001	41030000	26	1.006676
15	41030001	41260000	23	0.723618
15	41370001	41630000	26	0.892733
15	41630001	41870000	24	0.756861
15	41870001	42090000	22	1.051464
15	42470001	42760000	29	1.106497
15	43290001	44210000	86	1.050008
15	47000001	47220000	22	1.357827
15	47290001	47630000	34	1.335056
15	48660001	49240000	58	1.340155
15	49430001	50550000	112	1.26488
15	50550001	51310000	76	1.001248
15	51310001	52830000	152	1.191435
15	59050001	60020000	97	1.068139
15	62660001	62880000	22	1.154285
15	63100001	64300000	120	1.115044
15	65010001	65160000	15	1.175195
15	65570001	65720000	15	0.772282
15	65720001	66160000	44	1.032041
15	66200001	66450000	25	1.026049
15	66550001	66830000	28	1.054311
15	69830001	70550000	72	1.139894
15	70980001	72070000	108	1.21934
15	72070001	72810000	74	1.049862
15	73180001	73610000	43	1.211001
15	73690001	73970000	28	1.200304
15	73970001	74460000	46	0.981459
15	74540001	74790000	25	1.472227
15	74790001	75050000	26	0.900064
15	75050001	75530000	48	1.376305
15	75620001	76010000	39	1.420501
15	78610001	78840000	23	1.014874
15	83990001	85010000	92	1.236961
15	85280001	85530000	25	0.982072
15	90270001	90810000	54	1.408637
15	90980001	91200000	22	1.025836

15	95280001	98100000	282	1.299359
15	98330001	98890000	56	1.282803
15	99070001	99490000	42	1.178458
15	99490001	99650000	16	0.988971
15	99650001	1.01E+08	102	1.187971
16	130001	3240000	309	1.24885
16	3500001	3790000	29	1.340434
16	3930001	4160000	23	1.396291
16	4160001	4860000	70	1.206393
16	4860001	5200000	34	1.385878
16	10270001	12220000	195	1.481234
16	15480001	15660000	18	1.428895
16	15740001	16310000	57	1.369453
16	22140001	22340000	20	1.372209
16	28200001	29065000	61	1.250236
16	29590001	31290000	160	1.263653
16	31360001	31510000	15	1.368315
16	32390001	32610000	22	2.688684
16	33860001	34200000	19	9.400907
16	56890001	57180000	29	1.416863
16	57290001	58150000	86	1.44844
16	58640001	58850000	21	1.456898
16	67420001	67610000	19	1.281026
16	67750001	68070000	32	1.253794
16	70310001	70520000	21	1.231913
16	70520001	70800000	28	1.469067
16	81120001	81320000	20	1.397744
16	84160001	84720000	56	1.48782
16	84840001	85810000	97	1.33802
16	87330001	87810000	48	1.451757
16	87810001	87970000	16	1.215289
16	88510001	88830000	32	1.211169
16	89500001	90150000	65	1.483289
17	1	690000	59	1.459425
17	690001	1690000	100	1.157651
17	1810001	1970000	16	1.183287
17	2590001	2830000	24	1.09437
17	3430001	3890000	46	1.208485
17	4250001	4970000	72	1.267513
17	5090001	5240000	15	1.363959
17	6310001	6460000	15	1.439033
17	6880001	7760000	88	1.308941
17	7970001	8310000	34	1.358863
17	16130001	16400000	27	1.366608
17	16750001	18310000	156	1.474269
17	27020001	27230000	21	1.315672
17	29060001	29350000	29	1.434154
17	35650001	35800000	15	1.447537
17	36410001	37920000	151	1.336537
17	38060001	38720000	66	1.369833
17	39790001	41380000	159	1.352567
17	41470001	42150000	68	1.435845

17	42150001	42460000	31	1.200304
17	42460001	42830000	37	1.435546
17	42860001	43040000	18	1.431076
17	43040001	43330000	29	1.245824
17	45530001	46220000	69	1.476007
17	46860001	47050000	19	1.330437
17	71250001	71450000	20	1.318228
17	72170001	72460000	29	1.281737
17	72850001	74150000	130	1.283871
17	74250001	75140000	89	1.342945
17	75220001	75500000	28	1.291547
17	76290001	76680000	39	1.335981
17	76980001	77460000	48	1.424939
17	77620001	78520000	89	1.396001
17	79530001	79710000	18	1.470697
18	20570001	20740000	17	1.494538
18	46350001	46560000	21	1.497546
19	390001	2780000	239	1.0403
19	2780001	2970000	19	1.260329
19	2970001	4990000	202	1.035624
19	4990001	5590000	60	1.202719
19	5650001	5910000	26	1.112496
19	5910001	6210000	30	1.481748
19	6210001	6550000	34	1.160784
19	6550001	6710000	16	1.374684
19	6790001	7270000	46	1.463375
19	7270001	8340000	100	1.175847
19	8370001	8810000	39	1.123344
19	9890001	11690000	180	1.105731
19	12650001	13130000	48	1.130452
19	13200001	13360000	16	1.122255
19	13360001	13550000	19	1.395324
19	13800001	14700000	90	1.091037
19	15220001	15690000	47	1.307671
19	16120001	18040000	192	1.177804
19	18120001	19500000	138	1.128573
19	19500001	19650000	15	1.434253
19	20500001	20720000	16	1.022641
19	30100001	30420000	32	1.360182
19	33450001	33800000	35	1.275533
19	35490001	35650000	16	1.23988
19	35810001	36100000	29	1.428301
19	36100001	36780000	66	1.207815
19	38340001	38510000	17	1.429093
19	38510001	40010000	150	1.21033
19	40650001	40880000	23	1.249023
19	40960001	41340000	38	1.213522
19	41610001	41950000	34	1.224761
19	42360001	42510000	15	1.128495
19	42510001	42770000	26	1.350974
19	42770001	42930000	16	1.179847
19	43950001	44310000	36	1.290294

19	45180001	46530000	135	1.122566
19	46800001	47380000	58	1.230206
19	47490001	48390000	90	1.161589
19	48550001	48710000	16	1.275887
19	48790001	49750000	96	1.125839
19	49830001	51340000	146	1.186408
19	51340001	51650000	31	1.469474
19	51790001	51970000	18	1.451757
19	54070001	54690000	62	1.185914
19	54840001	55030000	19	1.319234
19	55270001	56210000	94	1.222471
19	56590001	56760000	17	1.238505
19	58160001	59070000	91	1.47744
20	3020001	3250000	23	1.331359
20	3710001	3870000	16	1.285117
20	5590001	5790000	20	1.456292
20	25730001	25950000	16	3.271835
20	31160001	31380000	22	1.234306
20	31380001	31530000	15	1.44053
20	42190001	42380000	19	1.321338
20	44390001	44660000	27	1.408344
20	45980001	46130000	15	1.297289
20	48690001	49490000	80	1.461855
20	50250001	50730000	48	1.46632
20	55080001	55320000	24	1.397356
20	60200001	61480000	118	1.407954
20	61580001	62030000	45	1.439133
20	62030001	62440000	41	1.22646
20	62440001	62660000	22	1.499623
21	10400001	10675000	25	6.142815
21	37500001	37860000	36	1.435546
21	44050001	45960000	185	1.437438
21	46740001	46940000	20	1.371733
22	16660001	17050000	20	2.910365
22	17530001	17740000	21	1.407368
22	20710001	21310000	60	0.840256
22	21700001	22110000	28	1.065921
22	22110001	22350000	24	1.477133
22	22510001	22690000	18	1.256229
22	23500001	24110000	61	0.82245
22	24110001	24320000	20	1.339319
22	24490001	24650000	16	0.73872
22	24790001	25380000	59	1.492261
22	26220001	26930000	71	1.182221
22	27070001	27270000	20	1.108954
22	27870001	28150000	28	0.95277
22	29090001	29280000	19	1.400168
22	29520001	30160000	64	1.408637
22	30610001	30980000	37	1.404056
22	30980001	31290000	31	0.824276
22	31540001	31690000	15	0.954423
22	31690001	31980000	29	1.435646

	22	31980001	32370000		39	0.836536
	22	32370001	32990000		62	1.062454
	22	33240001	34070000		83	1.134377
	22	35420001	35700000		28	1.113576
	22	35700001	35880000		18	0.715141
	22	37410001	37880000		47	1.414606
	22	38270001	38750000		48	0.638076
	22	38870001	39300000		43	0.865977
	22	39360001	40130000		77	0.671379
	22	40130001	40390000		26	1.175521
	22	40730001	41590000		86	0.978538
	22	41650001	42110000		46	1.201386
	22	42110001	42290000		18	0.872907
	22	42460001	42670000		21	0.901438
	22	42670001	42850000		18	0.624771
	22	43010001	43200000		19	1.121632
	22	43410001	43640000		23	1.177886
	22	44220001	44540000		32	1.457706
	22	44540001	44860000		32	0.822507
	22	44980001	45260000		28	1.251363
	22	45260001	45650000		39	1.487098
	22	45820001	46050000		23	0.765673
	22	46260001	46550000		29	0.698242
	22	46700001	46970000		27	0.679526
	22	47150001	47440000		29	1.054676
	22	48490001	48910000		42	1.02335
	22	48910001	49150000		24	0.729257
	22	49150001	49460000		31	0.966271
	22	51040001	51210000		17	1.075867
X		1	1030000		85	1.354725
X		1030001	1540000		33	1.018326
X		1540001	2690000		110	1.399974
X		41080001	41350000		27	1.405029
X		48310001	49150000		84	1.398228
X		70360001	70600000		24	1.41108
X		1.19E+08	1.19E+08		59	1.486274
X		1.29E+08	1.29E+08		20	1.374684
X		1.53E+08	1.54E+08		106	1.427311
Y		13640001	13880000		16	12.01529

chr	start	stop	m.probes	seg.mean
1	2660001	3710000	102	1.447537
1	6940001	7480000	54	0.992336
1	7480001	7750000	27	0.697179
1	7750001	8370000	62	1.134691
1	8430001	9160000	73	1.163201
1	9160001	9950000	79	0.861905
1	9950001	10680000	73	1.124981
1	10680001	10830000	15	0.598449
1	10830001	11140000	31	0.858268
1	11140001	11340000	20	1.128417
1	11340001	12220000	88	0.849744
1	12280001	12600000	32	1.166592
1	12700001	13195000	36	1.215289
1	13720001	16830000	307	1.009681
1	17330001	17520000	19	0.990961
1	17610001	17890000	28	0.895087
1	17890001	18040000	15	0.685154
1	18040001	21060000	302	0.933874
1	21060001	21530000	47	1.166188
1	21530001	21910000	38	0.939783
1	22270001	22440000	17	1.006467
1	22440001	22670000	23	0.835609
1	22670001	22850000	18	1.092702
1	22850001	23250000	40	0.786544
1	23250001	24260000	101	1.063412
1	24260001	24450000	18	0.690398
1	24450001	25220000	77	1.074749
1	25220001	25400000	18	0.728298
1	25400001	27870000	247	0.970702
1	27940001	29100000	116	1.066734
1	29240001	29440000	20	1.198807
1	29440001	31390000	180	0.907897
1	32120001	32270000	15	1.452764
1	1.49E+08	1.49E+08	17	3.499624
2	89880001	90335000	38	1.152207
3	1.05E+08	1.26E+08	2116	1.163443
3	1.26E+08	1.26E+08	22	0.803183
3	1.26E+08	1.27E+08	38	1.058264
3	1.27E+08	1.28E+08	131	1.011362
3	1.28E+08	1.28E+08	15	0.635384
3	1.28E+08	1.29E+08	81	1.023563
3	1.29E+08	1.29E+08	15	0.733058
3	1.29E+08	1.3E+08	42	1.110262
3	1.3E+08	1.34E+08	371	1.190692
3	1.34E+08	1.34E+08	27	0.965735
3	1.34E+08	1.37E+08	273	1.155646
3	1.66E+08	1.66E+08	37	3.029123
4	1.91E+08	1.91E+08	15	7.221007
4	1.91E+08	1.91E+08	27	2.651668
5	1000001	1270000	27	1.320881
5	81020001	92040000	1096	1.145438

6	57200001	57570000	37	5.271816
6	80850001	84000000	315	1.166107
6	84760001	85120000	36	1.223149
6	86190001	86400000	21	1.195488
6	87680001	88080000	40	1.232083
6	88290001	88530000	24	1.274207
6	90310001	92110000	180	1.208737
6	92520001	92790000	27	1.12241
6	94940001	95755000	74	1.073781
6	96180001	96430000	25	1.088242
6	97140001	98060000	92	1.170155
6	99110001	99680000	57	1.212177
6	1E+08	1E+08	24	1.211253
6	1.02E+08	1.04E+08	165	1.055115
6	1.06E+08	1.07E+08	37	1.229183
6	1.08E+08	1.09E+08	33	1.176825
6	1.09E+08	1.1E+08	101	1.214027
6	1.1E+08	1.11E+08	82	1.214027
6	1.13E+08	1.15E+08	126	1.201719
6	1.24E+08	1.25E+08	180	1.149017
6	1.31E+08	1.32E+08	20	1.246256
6	1.35E+08	1.37E+08	259	1.208988
6	1.38E+08	1.4E+08	222	1.209491
6	1.41E+08	1.46E+08	483	1.183369
6	1.46E+08	1.5E+08	394	1.17756
6	1.5E+08	1.5E+08	18	0.962728
6	1.5E+08	1.51E+08	45	1.183205
6	1.57E+08	1.58E+08	118	1.145438
6	1.59E+08	1.59E+08	61	1.106881
6	1.6E+08	1.61E+08	107	1.162153
6	1.63E+08	1.63E+08	19	1.192096
6	1.63E+08	1.64E+08	33	1.146312
6	1.64E+08	1.65E+08	38	1.18575
6	1.67E+08	1.68E+08	127	1.074824
6	1.68E+08	1.68E+08	24	1.250842
6	1.69E+08	1.7E+08	182	1.064887
7	150001	2320000	212	1.489987
7	57540001	57780000	23	3.61827
9	1	18700000	1867	1.190857
9	21700001	23350000	165	1.109031
9	23380001	27970000	459	1.108724
9	43575001	43740000	16	1.134927
10	260001	3100000	284	1.093687
10	3210001	5510000	230	1.187971
10	5510001	5710000	20	0.877396
10	5710001	6220000	51	1.116668
10	6280001	8070000	178	1.190774
10	8100001	11910000	381	1.163201
10	11960001	17780000	582	1.175195
10	18210001	38770000	2056	1.195323
10	42820001	43360000	54	1.181566
10	43360001	43880000	52	0.881053

10	43880001	44830000	95	1.140922
10	44890001	46410000	141	1.113267
10	47150001	51850000	303	1.040012
10	51990001	72660000	2067	1.144248
10	72660001	73590000	93	0.834278
10	73590001	73850000	26	0.997577
10	73850001	74050000	20	1.208653
10	74110001	75390000	128	1.199556
10	75640001	80650000	501	1.125839
10	80650001	81210000	56	0.755446
10	81210001	81910000	69	1.131707
10	81970001	87860000	588	1.162717
10	87860001	88130000	27	0.847156
10	88130001	88410000	28	1.152926
10	88480001	88700000	22	1.222217
10	88740001	88990000	25	1.19723
10	89130001	1.02E+08	1321	1.175765
10	1.02E+08	1.03E+08	73	0.905446
10	1.03E+08	1.04E+08	106	1.083125
10	1.05E+08	1.05E+08	65	1.158052
10	1.05E+08	1.06E+08	37	0.791357
10	1.06E+08	1.16E+08	1043	1.18173
10	1.16E+08	1.21E+08	491	1.143059
10	1.21E+08	1.21E+08	28	0.854647
10	1.21E+08	1.22E+08	23	1.154926
10	1.22E+08	1.26E+08	458	1.085229
10	1.26E+08	1.28E+08	125	1.079453
10	1.28E+08	1.3E+08	205	1.126697
10	1.3E+08	1.34E+08	394	1.028185
10	1.34E+08	1.35E+08	139	0.649499
10	1.35E+08	1.35E+08	17	1.413724
11	3360001	3970000	61	2.885057
11	4210001	5780000	156	2.914806
11	5810001	7720000	191	2.901904
11	9230001	9600000	37	2.916625
11	10330001	10660000	33	2.829408
11	11070001	11860000	79	2.793163
11	11890001	13130000	124	2.914806
11	14930001	16050000	112	2.899492
11	16650001	16980000	33	2.882659
11	17260001	17430000	17	2.822356
11	18390001	18620000	23	2.9467
11	18870001	19860000	99	2.950583
11	22170001	25430000	325	2.861556
11	25460001	27350000	189	2.934673
11	27620001	28280000	66	2.973578
11	29740001	30570000	83	2.975434
11	33060001	33440000	38	2.998207
11	34190001	41600000	740	2.938541
11	46070001	46830000	76	2.796651
11	47590001	48120000	53	2.905527
11	48810001	48970000	16	5.262688

11	50770001	51560000	48	2.590625
11	55030001	55370000	34	2.815127
11	55460001	56650000	119	2.9011
11	59020001	59350000	33	2.915412
11	59440001	60320000	88	2.907945
11	60470001	61050000	54	2.652035
11	61690001	62310000	62	2.826271
11	62410001	62760000	35	2.853436
11	63300001	63450000	15	2.853238
11	65790001	69030000	324	2.644876
11	69390001	71000000	154	2.529759
11	72470001	73090000	62	2.755855
11	76940001	77360000	42	2.941598
11	78250001	79080000	83	2.845141
11	79890001	89580000	963	2.930202
11	89730001	90650000	91	2.900899
11	91930001	92480000	55	2.962058
11	93510001	93960000	45	2.896679
11	93980001	95260000	127	2.94119
11	99660001	1.02E+08	265	2.937523
11	1.02E+08	1.06E+08	376	2.95693
11	1.08E+08	1.09E+08	86	2.924723
11	1.1E+08	1.11E+08	68	2.900899
11	1.12E+08	1.12E+08	22	2.938337
11	1.12E+08	1.13E+08	49	2.829211
11	1.13E+08	1.14E+08	112	2.86235
11	1.14E+08	1.16E+08	201	2.800142
11	1.17E+08	1.18E+08	132	2.68031
11	1.19E+08	1.19E+08	80	2.70251
11	1.2E+08	1.21E+08	108	2.682912
11	1.21E+08	1.23E+08	220	2.905125
11	1.24E+08	1.25E+08	45	2.893268
11	1.25E+08	1.26E+08	67	2.878067
11	1.27E+08	1.3E+08	375	2.869501
11	1.33E+08	1.35E+08	187	2.784079
12	38150001	38400000	25	2.508457
12	1.34E+08	1.34E+08	16	0.974612
14	73500001	73700000	20	1.157972
14	73740001	74180000	44	1.149017
14	74230001	74680000	45	1.158132
14	74770001	74970000	20	1.091188
14	75110001	75370000	26	1.195157
14	75450001	77940000	249	1.079602
14	77970001	78270000	30	1.199888
14	78270001	78420000	15	0.943046
14	78420001	90950000	1253	1.14663
14	91060001	91240000	18	1.229439
14	91310001	91680000	37	1.11458
14	91680001	91880000	20	0.872968
14	91880001	92110000	23	1.179684
14	1.07E+08	1.07E+08	25	1.038787
15	20390001	20630000	24	3.361488

15	22725001	22910000	16	1.443629
15	23000001	25300000	208	1.446133
15	25500001	28660000	310	1.392329
15	29430001	40520000	1067	1.439133
15	40770001	41030000	26	1.143059
15	41030001	41270000	24	0.823192
15	41270001	41770000	50	1.139025
15	41880001	42100000	22	1.17952
15	42470001	42750000	28	1.133748
15	43300001	44210000	85	1.128026
15	47000001	47630000	63	1.106421
15	48660001	49240000	58	1.19127
15	49430001	52830000	340	1.166349
15	59050001	60020000	97	1.171048
15	62660001	63010000	35	1.185175
15	63090001	63610000	52	1.168129
15	63680001	64150000	47	1.168777
15	65430001	65600000	17	1.096344
15	65720001	66160000	44	1.181812
15	66200001	66450000	25	0.967276
15	66550001	66830000	28	1.154605
15	69830001	70550000	72	1.033401
15	70980001	72810000	182	1.142425
15	73180001	73610000	43	1.157089
15	73690001	73970000	28	1.194412
15	73970001	74250000	28	0.873936
15	74250001	74460000	18	1.104658
15	78610001	78830000	22	1.08305
15	83990001	85010000	92	1.171373
15	85290001	85520000	23	0.970433
15	90980001	91200000	22	1.147982
15	95280001	98100000	282	1.139815
15	98330001	98890000	56	1.142663
15	99070001	1.01E+08	158	1.113653
16	1080001	1620000	54	1.310303
16	22500001	22710000	16	3.688157
16	32080001	33600000	107	2.823139
16	33860001	34200000	19	11.78026
16	88300001	88530000	18	1.404153
16	88580001	88840000	26	1.494435
17	73480001	73650000	17	1.449545
19	20500001	20720000	16	1.095052
20	25730001	25950000	16	3.377135
21	10400001	10675000	25	5.600284
22	16770001	17050000	17	3.484375
22	17050001	17280000	22	1.497027
22	20110001	20260000	15	1.325283
22	20260001	21460000	95	0.858089
22	23490001	23660000	17	0.798243
22	23750001	24110000	36	0.900002
22	24480001	24650000	17	0.765354
22	26220001	27270000	105	1.08305

	22	27870001	28150000	28	0.893661
	22	30970001	31690000	72	0.978877
	22	32030001	33000000	97	1.079827
	22	33240001	34060000	82	1.107034
	22	35420001	35710000	29	1.073409
	22	35710001	35880000	17	0.82542
	22	36770001	37030000	26	0.956409
	22	37730001	37890000	16	1.396485
	22	38260001	38870000	61	0.792729
	22	39010001	39280000	27	0.905885
	22	39360001	40130000	77	0.783823
	22	40130001	40380000	25	1.15101
	22	40830001	41320000	49	1.155887
	22	42120001	42290000	17	1.010241
	22	42670001	42830000	16	0.690254
	22	44540001	44860000	32	0.791412
	22	45660001	45890000	23	1.01607
	22	45990001	46260000	27	1.130687
	22	46260001	46550000	29	0.683352
	22	46700001	47100000	40	0.746648
	22	47100001	47400000	30	0.969962
	22	48490001	48910000	42	0.961328
	22	48910001	49150000	24	0.610093
	22	49150001	49460000	31	0.858684
	22	50130001	50310000	18	1.096344
	22	51040001	51250000	21	1.175928
X		48310001	49150000	84	0.981255
X		49150001	53220000	307	1.192509
X		53360001	58280000	486	1.17251
X		62030001	67880000	574	1.179111
X		67880001	68550000	67	0.969626
X		68550001	69060000	51	1.190444
X		1.41E+08	1.53E+08	1149	1.153646
X		1.53E+08	1.54E+08	103	0.777223
X		1.54E+08	1.55E+08	135	1.185175
Y		13490001	13640000	15	0.40265
Y		13640001	13880000	16	17.99719

chr	start	stop	num.events	segment.mean
6	90307703	92021630	41	0.9756
6	97372268	99622959	15	1
6	108227523	109591208	23	1
6	110334659	110948099	17	1
6	142384082	146126419	15	1
6	146268623	150793531	34	0.9706
6	166904398	167796415	30	1
6	167880989	168720359	29	1
6	169620247	170256810	22	0.9545
11	205021	831818	174	0.9655
11	7718161	9152463	100	0.99
11	10519077	10923471	16	1
11	13299231	15096436	52	0.9808
11	17433862	18303533	56	0.9643
11	19837381	22271870	50	0.96
11	41681560	46164157	151	0.9536
11	46748195	47508469	10	1
11	63655846	64286468	83	0.9759
11	64394982	65793942	140	0.9643
11	71093520	71870233	28	1
11	72296353	72400596	30	0.9667
11	74782989	74994688	21	0.9524
11	75044640	76778599	100	0.96
11	77378388	78216255	65	0.9846
11	111040282	111594077	24	0.9583
11	111845933	112130987	23	0.9565
11	112595516	113271773	28	0.9643
11	116448838	117141469	89	0.9663
11	120705063	121058954	30	1
11	123328463	124482615	30	0.9667
15	40500986	40616742	16	1
15	42479406	42729286	23	0.9565
15	48705206	52152268	65	0.9692
15	70991925	72556847	25	1
15	73541513	74531717	39	0.9744
15	74833523	75047426	13	1
15	85333953	85488128	17	1
22	20704908	21398354	51	0.9608
22	26228805	27031721	35	0.9714
22	31976235	32887150	28	1
22	35478486	35807472	10	1
22	38071707	38165449	13	1
22	39381826	40366968	50	0.96
22	42463366	42783070	27	0.963
22	44550970	44771905	13	1

chr	start	stop	num.events	segment.mean
1	6947717	12898702	151	0.9603
1	13634687	16817310	68	0.9853
1	17264890	31418119	412	0.9782
3	105244271	136442712	417	0.9808
6	80982701	83949261	13	1
6	90307703	92654127	38	1
6	97372268	99622959	13	1
6	108227523	109586240	18	1
6	110643956	110948099	12	1
6	134619862	139695061	40	0.975
6	142384082	146126419	19	1
6	146268623	150828536	39	1
6	158870278	160903622	74	0.9595
11	205021	827993	190	1
11	1252708	1284031	21	0.9524
11	3993231	4232627	19	1
11	7718161	9280284	106	0.9906
11	9595768	10287310	28	1
11	10519077	10960273	13	1
11	12886540	15096436	65	0.9692
11	17434603	18303533	45	1
11	19868759	21581665	47	0.9787
11	30473381	33063715	51	1
11	33453258	34190423	30	0.9667
11	41681560	46050361	138	1
11	56738678	57876436	58	1
11	57958497	58978940	36	1
11	63655846	65793942	235	0.9872
11	69052061	69355077	19	1
11	72172888	72437398	30	1
11	73100232	74705696	53	1
11	75062178	76778599	78	1
11	77378388	78277277	66	0.9848
11	111040282	111635655	24	0.9583
11	111845933	112071294	20	1
11	112666812	113271340	23	1
11	116448838	117163765	81	0.9877
11	120690372	121136277	30	1
11	123337219	124482615	38	1
11	124766591	125490733	28	0.9643
11	126016412	126668885	46	1
11	134595578	134908823	12	1
14	73554890	92102759	278	0.9712
15	40488851	40616742	19	1
15	40712737	42235173	69	1
15	42479406	42740235	26	1
15	43244699	44166771	45	1
15	48219705	52708679	66	0.9697
15	59155154	60038154	13	1
15	63111739	64234334	20	1
15	70991925	72556847	26	1

15	73541513	74529130	31	1
15	74836316	75047426	12	1
15	78632830	78834689	12	1
15	84373370	84784964	12	1
22	20704908	21398354	51	0.9608
22	23501286	24109462	33	0.9697
22	26228805	27041283	42	1
22	30987861	31663886	15	1
22	31976235	32937740	33	1
22	35478486	35807472	11	1
22	38071707	38154413	13	1
22	38266376	39267515	34	0.9706
22	39381826	40415140	48	1
22	44543993	44771905	15	1
22	45680824	46546438	48	0.9792
22	46752911	47370033	29	0.9655
22	50152568	50312382	17	1

chr	start	stop	num.events	segment.mean
1	13634687	16830833	58	0.9655
1	17088247	31413972	454	0.9559
6	80982701	83949261	16	1
6	109107543	109591208	18	1
6	110334659	110967011	21	0.9524
6	113682732	114561146	10	1
11	205021	831818	188	0.9628
11	7718161	9182604	109	1
11	9595768	10215598	27	1
11	17408251	18303533	66	0.9545
11	19879698	22271870	51	0.9804
11	30902893	33054856	48	0.9792
11	56738678	58978940	93	0.9892
11	59189912	59522810	11	1
11	63669411	64311211	78	0.9744
11	64456148	65793942	155	0.9677
11	69037823	69285785	20	1
11	71079306	71860709	22	1
11	72286156	72446182	35	1
11	73098326	74705696	47	1
11	74842197	74995466	15	1
11	75059184	76778599	102	0.9804
11	77378388	78216255	60	0.9833
11	92497990	93534990	25	1
11	116448838	117109270	85	0.9647
11	120702378	121090597	28	0.9643
11	123353603	124310518	37	1
11	126275715	126668885	38	1
14	73554890	89757744	227	0.978
14	89828411	92102759	61	0.9672
15	40751555	42269455	57	1
15	42479406	42740235	26	1
15	48713996	52152268	65	0.9538
15	63111739	64234334	23	1
15	70991925	72548765	25	1
15	73541513	74529130	31	0.9677
15	74833523	75047426	12	1
15	85333953	85488128	17	1
22	26228805	27031721	38	1
22	38071707	38151000	10	1
22	38266376	39267515	33	0.9697
22	45682975	46410149	50	0.96
22	50169157	50313727	20	1

chr	start	stop	num.events	segment.mean
6	80982701	82941656	13	1
11	64526352	65793797	145	0.9517
11	71261650	71929526	23	1
11	79081499	79800244	13	1
11	111845933	112071294	14	1
11	112641531	113270160	32	0.9688
11	123397869	124482615	30	1
15	59155154	59981647	14	1
15	63111739	64276143	27	0.963
15	84241610	84790476	17	1
15	95399686	97408723	10	1
22	26228805	27192863	47	0.9574
22	38071707	38151000	12	1
22	50169157	50313727	17	1

chr	start	stop	num.events	segment.mean
1	13634687	16830833	54	1
1	17264890	31418119	379	0.9736
3	105244271	136196071	391	0.9744
5	81354389	90672711	50	1
6	90307703	92021630	38	1
6	97575196	99322354	11	1
6	108227523	109586240	20	1
6	110643956	110967011	13	1
6	134618672	139695061	42	0.9524
6	142384082	146126419	18	1
6	146755324	150823801	38	0.9737
6	166902211	168720359	41	0.9512
6	169620247	170256810	21	1
9	21838145	27610743	39	1
10	92981	38742225	543	0.9632
10	43445426	46732927	54	1
10	47595163	135276708	1134	0.9586
11	205021	831818	144	0.9931
11	7662732	9182604	77	0.974
11	41681560	45949201	62	1
11	46327103	47786953	16	1
11	63585804	64136721	52	1
11	64456148	65789137	114	1
11	71259997	71929526	21	1
11	72294406	72465651	17	1
11	73071263	75023020	49	0.9796
11	75062178	76799223	40	1
11	77320209	78277277	52	0.9808
11	116506410	117163765	59	0.9831
11	130682401	132897222	31	1
14	73554890	92102759	259	0.973
15	40716253	42235173	51	0.9804
15	42479406	42740235	22	1
15	43347139	44166771	36	1
15	48713996	52708679	58	0.9828
15	58983588	59981647	14	1
15	63127774	64234334	17	1
15	65369141	66795315	27	1
15	70991925	72523043	21	1
15	73541513	74529130	30	1
15	74836316	75047426	12	1
15	84408546	84958495	17	1
15	85333953	85488128	17	1
22	20704908	21398354	46	0.9565
22	23501286	24109462	26	1
22	26241994	27418911	30	1
22	30987861	31663886	14	1
22	38071707	38151000	10	1
22	38266376	40415140	68	0.9559
22	45680824	46389810	41	0.9512
X	65247409	68749379	17	1

X	140926716	154147738	112	0.9732
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