Supplementary Table 2. Comparison to previously reported regions in breast cancer data (Naylor et al. 2005, Supplemental Data). Previously reported regions of gain identified using a frequency cutoff of 30% are listed along with supporting STAC results. In the event STAC did not indicate significance, "-" is specified in the start/stop positions. *p*-values not significant at 0.05 are in parentheses. STAC provides statistical support for 82% (44/55) of the previously reported regions. [a]genomic coordinates based on July 2003 freeze (hg16) of human genome. [b]based on Naylor et al (2005).

Supplementary Table 2. Comparison to gains identified by Naylor *et al.*

Published Regions			Supporting STAC Results			
Chr	Start[a] (Mb)	Stop[a] (Mb)	Start[a] (Mb)	Stop[a] (Mb)	Footprint *p*-value	Frequency *p*-value
1	2.0	6.0	0	7.0	0.0003	0.0002
1	36.9	38.9	36.0	39.0	0.0003	0.0001
1	145.6	148.5	-	-	(0.1516)	(0.1692)
1	149.1	155.5			(0.1048)	(0.4216)
1	158.8	159.6	158.0	160.0	0.0005	0.0001
1	162.6	165.0	162.0	165.0	0.0005	0.0124
1	198.6	201.7	198.0	201.0	0.0005	0.0003
1	202.1	202.9	202.0	203.0	0.0005	0.0001
1	221.8	225.9	220.0	227.0	0.0005	0.0001
1	229.5	229.8	229.0	230.0	0.0005	(1.0000)
2	0.8	4.7	0.0	9.0	0.0005	0.0001
2	7.2	8.9	0.0	9.0	0.0005	0.0001
3	97.2	98.1	-	-	(1.0000)	(1.0000)
3	140.9	142.6	140.0	143.0	0.0005	0.0001
3	184.9	185.4	183.0	189.0	0.0005	0.0001
4	6.7	8.8	6.0	13.0	0.0004	0.0001
5	0.0	1.9	0.0	7.0	0.0001	0.0001
8	94.7	97.6	-	-	(0.9998)	(1.0000)
8	117.8	125.8	117.0	126.0	0.0002	0.0040
8	139.3	144.8	139.0	147.0	0.0002	0.0001
9	124.7	126.2	124.0	130.0	0.0007	0.0001
9	128.0	129.6	124.0	130.0	0.0007	0.0001
9	130.5	135.2	133.0	134.0	0.0007	0.0001
10	128.7	134.9	128.0	136.0	0.0003	0.0001
12	6.3	6.5	5.0	7.0	0.0004	0.0001
12	108.6	108.7	106.0	111.0	0.0004	0.0001
12	129.2	131.4	129.0	132.0	0.0004	0.0001
13	111.4	112.9	108.0	114.0	0.0003	0.0001
14	101.0	102.2	94.0	106.0	0.0002	0.0001
16	0.0	2.9	0.0	4.0	0.0002	0.0001
16	3.2	3.3	0.0	4.0	0.0002	0.0001
16	11.0	11.2	11.0	12.0	0.0002	(0.0859)
16	27.6	29.8	27.0	30.0	0.0002	0.0263
16	84.9	89.6	85.0	89.0	0.0004	0.0001
17	33.6	37.3	34.0	38.0	0.0006	0.0176
17	39.0	42.2	-	-	(0.9235)	(1.0000)
17	73.5	75.2	73.0	76.0	0.0006	0.0002
17	77.7	81.1	77.0	82.0	0.0006	0.0001
18	43.0	46.7	40.0	46.0	0.0003	0.0001
18	54.8	58.3	54.0	59.0	0.0003	0.0001
19	37.8	41.2	37.0	42.0	0.0006	0.0040
19	45.0	46.3	44.0	48.0	0.0006	0.0001
19	61.3	61.4	61.0	64.0	0.0006	0.0001
20	23.4	25.0	22.0	26.0	0.0002	(0.9521)
20	31.7	37.9	31.0	34.0	0.0001	(0.0502)
20	43.8	45.7	-	-	(0.1521)	(0.9889)
20	48.3	50.0	-	-	(0.9852)	(0.0889)
20	50.4	59.1	50.0	51.0	0.0273	(0.9889)
20	59.1	62.6	59.0	62.0	0.0010	(0.4684)
21	44.1	45.8	44.0	47.0	0.0001	0.0001
22	17.8	18.6	17.0	18.0	0.0123	(0.1800)
22	19.7	21.8	20.0	21.0	0.0252	(0.4759)
22	26.6	27.9	-	-	(0.2287)	(1.0000)
22	37.8	40.0	-	-	(0.8249)	(1.0000)