

Table S1. List of statistically significant abnormalities identified by 0.5Mb windows in early stages of progression.

| Lesion types | Chr. | # of SNP probes in lesion (size of) | Mid-position of lesion | Start position of lesion | End position of lesion | p-value |
|--------------|------|-------------------------------------|------------------------|--------------------------|------------------------|-------------|
| Gain | 2 | 1 | 10,855,035 | 10,855,035 | 10,855,035 | 0.009401287 |
| | 2 | 1 | 96,855,035 | 96,855,035 | 96,855,035 | 0.009401287 |
| | 4 | 3 | 1,407,596 | 907,596 | 1,907,596 | 0.001559238 |
| | 4 | 1 | 7,407,596 | 7,407,596 | 7,407,596 | 0.003898094 |
| | 7 | 1 | 26,912,448 | 26,912,448 | 26,912,448 | 0.001559238 |
| | 7 | 1 | 99,912,448 | 99,912,448 | 99,912,448 | 0.001559238 |
| | 7 | 1 | 127,912,448 | 127,912,448 | 127,912,448 | 0.001559238 |
| | 8 | 1 | 145,461,671 | 145,461,671 | 145,461,671 | 0.001559238 |
| | 10 | 1 | 73,476,452 | 73,476,452 | 73,476,452 | 7.76E-05 |
| | 10 | 1 | 133,976,452 | 133,976,452 | 133,976,452 | 0.001559238 |
| | 11 | 1 | 38,492,318 | 38,492,318 | 38,492,318 | 0.009401287 |
| | 11 | 1 | 64,492,318 | 64,492,318 | 64,492,318 | 0.009401287 |
| | 12 | 1 | 336,300 | 336,300 | 336,300 | 0.009401287 |
| | 18 | 1 | 44,406,277 | 44,406,277 | 44,406,277 | 0.009401287 |
| | 19 | 1 | 573,661 | 573,661 | 573,661 | 0.009401287 |

| | | | | | | |
|------|---|---|-------------|-------------|-------------|-------------|
| Loss | 1 | 1 | 72,603,938 | 72,603,938 | 72,603,938 | 0.009401287 |
| | 1 | 1 | 186,603,938 | 186,603,938 | 186,603,938 | 0.009401287 |
| | 2 | 1 | 35,355,035 | 35,355,035 | 35,355,035 | 0.009401287 |
| | 3 | 2 | 60,089,133 | 59,839,133 | 60,339,133 | 3.68E-08 |
| | 4 | 1 | 33,907,596 | 33,907,596 | 33,907,596 | 0.009401287 |
| | 6 | 1 | 64,898,909 | 64,898,909 | 64,898,909 | 0.009401287 |
| | 6 | 1 | 102,898,909 | 102,898,909 | 102,898,909 | 0.009401287 |

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| | 6 | 1 | 120,398,909 | 120,398,909 | 120,398,909 | 0.003898094 |
| | 7 | 1 | 85,412,448 | 85,412,448 | 85,412,448 | 0.009401287 |
| | 9 | 2 | 9,539,315 | 9,039,315 | 10,039,315 | 0.003898094 |
| | 9 | 1 | 12,039,315 | 12,039,315 | 12,039,315 | 0.000599707 |
| | 9 | 7 | 22,789,315 | 21,039,315 | 24,539,315 | 3.68E-08 |
| | 9 | 1 | 29,539,315 | 29,539,315 | 29,539,315 | 0.001559238 |
| | 9 | 1 | 44,539,315 | 44,539,315 | 44,539,315 | 0.003898094 |
| | 10 | 1 | 67,976,452 | 67,976,452 | 67,976,452 | 0.009401287 |
| | 11 | 1 | 4,992,318 | 4,992,318 | 4,992,318 | 0.009401287 |
| | 11 | 2 | 38,242,318 | 37,992,318 | 38,492,318 | 0.001559238 |
| | 12 | 1 | 28,336,300 | 28,336,300 | 28,336,300 | 0.003898094 |
| | 16 | 1 | 77,287,354 | 77,287,354 | 77,287,354 | 0.001559238 |
| | 17 | 1 | 48,810,225 | 48,810,225 | 48,810,225 | 0.009401287 |
| | 18 | 1 | 64,906,277 | 64,906,277 | 64,906,277 | 0.009401287 |
| | 19 | 1 | 24,073,661 | 24,073,661 | 24,073,661 | 0.009401287 |
| | 19 | 1 | 49,573,661 | 49,573,661 | 49,573,661 | 0.009401287 |
| | 20 | 1 | 21,962,997 | 21,962,997 | 21,962,997 | 0.009401287 |

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|-----|----|----|-------------|-------------|-------------|-------------|
| LOH | 3 | 3 | 60,339,133 | 59,839,133 | 60,839,133 | 1.63E-07 |
| | 9 | 70 | 19,289,315 | 539,315 | 38,039,315 | 7.36E-09 |
| | 9 | 1 | 137,039,315 | 137,039,315 | 137,039,315 | 0.009401287 |
| | 16 | 1 | 77,287,354 | 77,287,354 | 77,287,354 | 0.001559238 |