**Supplementary File 3 |** The number and percentage of informative SNPs per chromosomal region used for determination of the chromosome affected by unique CNAs; regions are determined per clone, by copy number. Legend is as follows:

1. Total number of SNPs in the specified region.
2. Number of SNPs in the specified region that is homozygous (B-allele frequency (BAF) <0.05 or >0.95) in the parental (par.) cell line.
3. Percentage of total SNPs that is homozygous (BAF <0.05 or >0.95) in the parental cell line.
4. Number of SNPs that showed a shift in B- allele frequency (BAF) to >0.15 and <0.85 after chromosome transfer, indicating the presence of the transferred chromosome for the specific SNP.
5. Percentage of SNPs homozygous in the parental cell line that showed a shift in B- allele frequency (BAF) to >0.15 and <0.85 after chromosome transfer, indicating the presence of the transferred chromosome for the specific SNP.
6. Percentage of the total number of SNPs in the specified region that showed a shift in B- allele frequency (BAF) to >0.15 and <0.85 after chromosome transfer, indicating the presence of the transferred chromosome for the specific SNP.

\*This region is part of a large LOH region on chromosome 5 constitutionally present in the HCT116 cells used in this study.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cell line**  | **Chr.**  | **Start**  | **End**  | **Event/copy number**  | **SNPs in regiona**  | **Homozygous in par. cell lineb**  | **Homozygous in** **par. cell line (%)c**  | **SNPs with BAF** **shiftd**  | **SNPs with BAF shift (% of homozygous SNPs)e**  | **SNPs with BAF** **shift (% of total)f**  |
| Htr3-2  | 3  | 1  | 122708761  | Normal  | 10539  | 8630  | 81,9%  | 2766  | 32,1%  | 26,2%  |
| Htr3-2  | 3  | 122708761  | 198022430  | Deletion  | 7096  | 4913  | 69,2%  | 209  | 4,3%  | 2,9%  |
| Htr5-4  | 5  | 1  | 63498708  | Normal  | 8031  | 7509\*  | 93,5%\*  | 2242  | 29,9%  | 27,9%  |
| Htr5-4  | 5  | 63498708  | 105185661  | Duplication  | 2575  | 1702  | 66,1%  | 520  | 30,6%  | 20,1%  |
| Htr5-4  | 5  | 105389509  | 180915260  | Deletion  | 7096  | 4925  | 69,4%  | 58  | 1,2%  | 0,8%  |
| Htr5-7  | 5  | 1  | 48719715  | Normal  | 6451  | 6433\*  | 99,7%\*  | 1980  | 30,8%  | 30,7%  |
| Htr5-7  | 5  | 48719715  | 180915260  | Deletion  | 11257  | 7706  | 68,5%  | 2215  | 28,7%  | 19,7%  |
| Hte5-1  | 5  | 0  | 1241694  | Duplication  | 104  | 104\*  | 100,0%\*  | 25  | 24,0%  | 24,0%  |
| Hte5-1  | 5  | 1241695  | 7535101  | Deletion  | 1052  | 1051\*  | 99,9%\*  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 7535252  | 14619267  | Duplication  | 955  | 954\*  | 99,9%\*  | 349  | 36,6%  | 36,5%  |
| Hte5-1  | 5  | 14619843  | 14815619  | Deletion  | 33  | 33\*  | 100,0%\*  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 14815873  | 27183235  | Duplication  | 1692  | 1686\*  | 99,6%\*  | 395  | 23,4%  | 23,3%  |
| Hte5-1  | 5  | 27183236  | 32387298  | Deletion  | 800  | 796\*  | 99,5%\*  | 1  | 0,1%  | 0,1%  |
| Hte5-1  | 5  | 32387299  | 55284830  | Duplication  | 2582  | 2368\*  | 91,7%\*  | 687  | 29,0%  | 26,6%  |
| Hte5-1  | 5  | 55284831  | 56046900  | Deletion  | 137  | 94  | 68,6%  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 56046901  | 60212685  | Duplication  | 514  | 321  | 62,5%  | 57  | 17,8%  | 11,1%  |
| Hte5-1  | 5  | 60212750  | 73891689  | Deletion  | 866  | 582  | 67,2%  | 1  | 0,2%  | 0,2%  |
| Hte5-1  | 5  | 73891980  | 93360824  | Duplication  | 1306  | 868  | 66,5%  | 262  | 30,2%  | 20,1%  |
| Hte5-1  | 5  | 93360826  | 102652951  | Deletion  | 492  | 315  | 64,0%  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 102767505  | 114632158  | Duplication  | 954  | 654  | 68,6%  | 175  | 26,8%  | 18,3%  |
| Hte5-1  | 5  | 114632159  | 115123333  | Deletion  | 45  | 26  | 57,8%  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 115123659  | 134192694  | Duplication  | 1742  | 1204  | 69,1%  | 331  | 27,5%  | 19,0%  |
| Hte5-1  | 5  | 134192695  | 139421205  | Deletion  | 306  | 212  | 69,3%  | 6  | 2,8%  | 2,0%  |
| Hte5-1  | 5  | 139421589  | 149896059  | Duplication  | 774  | 515  | 66,5%  | 142  | 27,6%  | 18,3%  |
| Hte5-1  | 5  | 149896060  | 159594597  | Deletion  | 766  | 545  | 71,1%  | 1  | 0,2%  | 0,1%  |
| Hte5-1  | 5  | 159594598  | 171429333  | Duplication  | 1299  | 918  | 70,7%  | 296  | 32,2%  | 22,8%  |
| Hte5-1  | 5  | 171429334  | 172064649  | Deletion  | 90  | 67  | 74,4%  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 172064659  | 175092845  | Duplication  | 502  | 344  | 68,5%  | 101  | 29,4%  | 20,1%  |
| Hte5-1  | 5  | 175092846  | 175659799  | Deletion  | 42  | 32  | 76,2%  | 7  | 21,9%  | 16,7%  |
| Hte5-1  | 5  | 175659892  | 176872016  | Duplication  | 159  | 135  | 84,9%  | 33  | 24,4%  | 20,8%  |
| Hte5-1  | 5  | 176872017  | 178162354  | Deletion  | 169  | 113  | 66,9%  | 0  | 0,0%  | 0,0%  |
| Hte5-1  | 5  | 178162446  | 180915260  | Duplication  | 434  | 292  | 67,3%  | 70  | 24,0%  | 16,1%  |
| Htr8-1  | 8  | 1  | 22876657  | Deletion  | 3494  | 2415  | 69,1%  | 0  | 0,0%  | 0,0%  |
| Htr8-1  | 8  | 22876657  | 146364022  | Normal  | 12285  | 8525  | 69,4%  | 2014  | 23,6%  | 16,4%  |
| Htr8-2  | 8  | 1  | 41499358  | Deletion  | 4938  | 3361  | 68,1%  | 1  | 0,0%  | 0,0%  |
| Htr8-2  | 8  | 41499358  | 62256246  | Normal  | 1347  | 1009  | 74,9%  | 235  | 23,3%  | 17,4%  |
| Htr8-2  | 8  | 62256246  | 109010274  | Deletion  | 4448  | 3061  | 68,8%  | 10  | 0,3%  | 0,2%  |
| Htr8-2  | 8  | 109010274  | 128388046  | Normal  | 2416  | 1663  | 68,8%  | 335  | 20,1%  | 13,9%  |
| Htr8-2  | 8  | 128388046  | 146364022  | Deletion  | 2630  | 1846  | 70,2%  | 3  | 0,2%  | 0,1%  |
| Htr8-5  | 8  | 1  | 89962337  | Normal  | 7358  | 5022  | 68,3%  | 1531  | 30,5%  | 20,8%  |
| Htr8-5  | 8  | 89962337  | 139519958  | Duplication  | 4377  | 2860  | 65,3%  | 796  | 27,8%  | 18,2%  |
| Htr8-5  | 8  | 139519958  | 146364022  | Normal  | 646  | 425  | 65,8%  | 122  | 28,7%  | 18,9%  |
| Htr8-7  | 8  | 1  | 12060604  | Duplication  | 1791  | 1233  | 68,8%  | 407  | 33,0%  | 22,7%  |
| Htr8-7  | 8  | 12060604  | 64766100  | Normal  | 3887  | 2620  | 67,4%  | 782  | 29,8%  | 20,1%  |
| Htr8-7  | 8  | 64766100  | 71650441  | Deletion  | 435  | 310  | 71,3%  | 1  | 0,3%  | 0,2%  |
| Htr8-7  | 8  | 71650441  | 116689545  | Normal  | 3208  | 2084  | 65,0%  | 536  | 25,7%  | 16,7%  |
| Htr8-7  | 8  | 116689545  | 146364022  | Deletion  | 3060  | 2060  | 67,3%  | 22  | 1,1%  | 0,7%  |