



**Supplementary Figure 1.** Patient 1 CTC Genome wide profiles were generated using MSBiosuite. P1-WBCp (white blood cell pool) shows a normal profile with no genomic aberrations. DEArray™ images from two of the single WBCs included in this pool P1-CTCp (CTC pool) shows a genome wide profile comparable to CTC 1 and CTC 2, with very little heterogeneity. However even though by DEArray CTC 3 is suggested to be a CTC the genomic profile is flat showing only loss of chromosome X.