

**Supplementary Table 4.** Number and characteristics of the CN-LOHs identified by the three tools

	chr 1	chr 2	chr 3	chr 4	chr 5	chr 6	chr 7	chr 8	chr 9	chr 10	chr 11	chr 12	chr 13	chr 14	chr 15	chr 16	chr 17	chr 18	chr 19	chr 20	chr 21	chr 22	Total	Minimal Length (bp)	Maximal Length (bp)	Mean Length (bp)	Median Length (bp)	
<b>TCGA-4N-A93T-01A</b>																												
REFERENCE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	4,221,855	65,996,955	35,109,405	35,109,405	
FACETS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	1,491,123	65,718,092	23,393,565	2,971,481	
NEXUS	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	11	2,030,946	15,756,204	6,356,533	5,420,390		
SEQUENZA	5	0	0	2	0	0	0	3	0	0	0	0	0	4	1	0	2	2	2	0	0	1	22	505,344	137,587,418	29,475,257	14,225,795	
<b>TCGA-A6-2677-01A</b>																												
REFERENCE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	-	82,755,303	-	-	
FACETS	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	24,977,259	82,773,682	53,875,471	53,875,471	
NEXUS	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6	4,866,925	20,439,669	13,685,961	15,017,510	
SEQUENZA	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5	222,238	82,771,762	18,408,407	1,067,777	
<b>TCGA-A6-6652-01A</b>																												
REFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-	8,446,453	-	-	
FACETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-	8,396,063	-	-	
NEXUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	-	10,445,531	-	-	
SEQUENZA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	3	52,471	8,973,810	3,147,664	416,712	
<b>TCGA-AA-3655-01A</b>																												
REFERENCE	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8,899,680	90,896,548	40,552,685	31,207,255
FACETS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	5	6,248,912	133,642,256	34,509,924	11,767,568	
NEXUS	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	2,610,614	71,438,575	26,082,715	4,198,956	
SEQUENZA	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	4	11	359,090	86,995,177	14,955,404	3,972,794	
<b>TCGA-AA-3848-01A</b>																												
REFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	11,025,390	33,764,742	22,395,066	22,395,066	
FACETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	10,114,644	38,178,375	24,146,510	24,146,510	

NEXUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
SEQUENZA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	718,136	34,187,128	17,452,632	17,452,632
<b>TCGA-AA-3854-01A</b>																											
REFERENCE	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	5	7,232,501	105,813,523	53,560,768	43,678,897
FACETS	0	0	0	0	3	0	0	0	0	0	1	0	1	0	0	0	2	0	0	0	0	0	7	704,899	96,152,761	37,152,734	33,550,386
NEXUS	0	0	0	0	11	0	0	0	0	0	2	0	4	0	0	0	4	0	0	0	0	0	21	2,028,231	38,063,814	12,422,872	9,413,860
SEQUENZA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	580,934	31,662,627	16,121,781	16,121,781
<b>TCGA-CK-6746-01A</b>																											
REFERENCE	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	47,542,805	136,468,365	78,652,761	51,947,112
FACETS	0	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	15,865,830	121,314,641	58,648,065	48,705,895
NEXUS	0	0	2	10	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	14	3,729,588	45,593,759	14,616,653	11,975,517
SEQUENZA	0	0	2	5	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	11	15,898	77,352,994	21,463,820	17,092,685
<b>TCGA-CM-5862-01A</b>																											
REFERENCE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	24,627,482	-	-
FACETS	3	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	6	0	0	0	1	0	17	1,531,345	181,230,348	31,354,052	14,830,299
NEXUS	9	0	0	3	2	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	3	0	22	2,641,350	41,481,194	8,812,555	5,152,235
SEQUENZA	4	0	1	3	6	0	0	0	0	0	0	12	0	2	3	0	9	0	0	0	1	0	41	129,446	127,712,980	14,774,448	3,363,870
<b>TCGA-QG-A5YX-01A</b>																											
REFERENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
FACETS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
NEXUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-
SEQUENZA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	-	1,080,783	-	-
<b>TCGA-SS-A7HO-01A</b>																											
REFERENCE	0	0	0	0	1	0	0	0	1	0	0	0	0	0	3	0	0	1	0	0	0	0	6	1,560,563	103,514,263	35,872,374	30,037,847

FACETS	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	0	0	2	0	0	0	6	2,015,009	102,810,582	37,595,728	21,598,415	
NEXUS	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8	0	0	6	3	0	0	25	2,049,132	34,890,907	8,755,213	5,184,071	
SEQUENZA	0	0	0	0	0	0	1	0	2	0	0	0	0	2	0	1	2	2	2	1	1	0	14	7,655	86,921,737	21,837,464	18,362,372

CN-LOH, copy-neutral loss of heterozygosity.