Table W1. Identification of N-CIN and S-CIN in Study Group of 10 OS.

Chromosome	Cytoband		Aberration Location ↔ CIN Type				
			N-CIN			S-CIN	
chr1	p36.33	Telomere	▨	▨			
	p12 -p36.32	Arm	▨	▨		■	
	p11.2	Centromere	▨	▨			
	q21.1	Centromere	▨		▨		
	q21.2-q43	Arm	▨		▨		■
	q44	Telomere	▨		▨		
chr2	p25.3	Telomere	▨	▨			
	p12-p25.2	Arm	▨	▨		■	
	p11.2	Centromere	▨	▨			
	q11.2	Centromere	▨		▨		
	q12.1-q37.2	Arm	▨		▨		■
	q37.3	Telomere	▨		▨		
chr3	p26.3	Telomere	▨	▨			
	p11.2-p26.2	Arm	▨	▨		■	
	p11.1	Centromere	▨	▨			
	q11.2	Centromere	▨		▨		
	q12.1-q28	Arm	▨		▨		■
	q29	Telomere	▨		▨		
chr4	p16.3	Telomere	▨	▨			
	p13-q16.2	Arm	▨	▨		■	
	p12	Centromere	▨	▨			
	q11	Centromere	▨		▨		
	q12-q35.1	Arm	▨		▨		■
	q35.2	Telomere	▨		▨		
chr5	p15.33	Telomere	▨	▨			
	p12-p15.32	Arm	▨	▨		■	
	p11	Centromere	▨	▨			
	q11.1	Centromere	▨		▨		
	q11.2-q35.3	Arm	▨		▨		■
	q35.3	Telomere	▨		▨		
chr6	p25.3	Telomere	▨	▨			
	p12.1-p25.2	Arm	▨	▨		■	
	p11.2	Centromere	▨	▨			
	q11.1	Centromere	▨		▨		
	q11.2-q26	Arm	▨		▨		■
	q27	Telomere	▨		▨		
chr7	p22.3	Telomere	▨	▨			
	p11.2-p22.2	Arm	▨	▨		■	
	p11.1	Centromere	▨	▨			
	q11.21	Centromere	▨		▨		
	q11.22-q35.2	Arm	▨		▨		■
	q36.3	Telomere	▨		▨		
chr8	p23.3	Telomere	▨	▨			
	p11.22-p23.2	Arm	▨	▨		■	
	p11.21	Centromere	▨	▨			
	q11.1	Centromere	▨		▨		
	q11.21-q24.2	Arm	▨		▨		■
	q24.3	Telomere	▨		▨		
chr9	p24.3	Telomere	▨	▨			
	p13.2-p24.2	Arm	▨	▨		■	
	p13.1	Centromere	▨	▨			
	p12	Centromere	▨	▨			
	q12	Centromere	▨		▨		
	q13	Centromere	▨		▨		
	q21.11-q34.2	Arm	▨		▨		■
	q34.3	Telomere	▨		▨		
chr10	p15.3	Telomere	▨	▨			
	p11.22-q15.2	Arm	▨	▨		■	
	p11.21	Centromere	▨	▨			
	q11.21	Centromere	▨		▨		
	q11.22-q26.2	Arm	▨		▨		■
	q26.3	Telomere	▨		▨		
chr11	p15.5	Telomere	▨	▨			
	p11.2-p15.4	Arm	▨	▨		■	
	p11.12	Centromere	▨	▨			
	q11	Centromere	▨		▨		
	q12.1-q24.3	Arm	▨		▨		■
	q25	Telomere	▨		▨		

Table W1. (*continued*)

Chromosome	Cytoband		Aberration Location ↔ CIN Type				
			N-CIN			S-CIN	
chr12	p13.33	Telomere	▨	▨			
	p11.21-p13.32	Arm	▨	▨		■	
	p11.1	Centromere	▨	▨			
	q12	Centromere	▨		▨		
	q13.11-q24.32	Arm	▨		▨		■
	q24.33	Telomere	▨		▨		
chr13	q12.11	Centromere	▨		▨		
	q12.12-q33.33	Arm	▨		▨	■	
	q34	Telomere	▨		▨		
chr14	q11.1	Centromere	▨		▨		
	q11.2-q32.32	Arm	▨		▨		■
	q32.33	Telomere	▨		▨		
chr15	q11.2	Centromere	▨		▨		
	q12-q26.2	Arm	▨		▨	■	
	q26.3	Telomere	▨		▨		
chr16	p13.3	Telomere	▨	▨			
	p12.1-p13.2	Arm	▨	▨			■
	p11.2	Centromere	▨	▨			
	q12.1	Centromere	▨		▨		
	q12.2-q24.2	Arm	▨		▨	■	
	q24.3	Telomere	▨		▨		
chr17	p13.3	Telomere	▨	▨			
	p12-13,2	Arm	▨	▨			■
	p11.2	Centromere	▨	▨			
	q11.1	Centromere	▨		▨		
	q11.2-q25.2	Arm	▨		▨	■	
	q25.3	Telomere	▨		▨		
chr18	p11.32	Telomere	▨	▨			
	p11.22-p11.31	Arm	▨	▨			■
	p11.21	Centromere	▨	▨			
	q11.2	Centromere	▨		▨		
	q12.1-q22.3	Arm	▨		▨	■	
	q23	Telomere	▨		▨		
chr19	P13.3	Telomere	▨	▨			
	p13.11-p13.2	Arm	▨	▨			■
	p12	Centromere	▨	▨			
	q12	Centromere	▨		▨		
	q13.11-q13.42	Arm	▨		▨	■	
	q13.43	Telomere	▨		▨		
chr20	p13	Telomere	▨	▨			
	p11.22-p12.3	Arm	▨	▨			■
	p11.21	Centromere	▨	▨			
	q11.21	Centromere	▨		▨		
	q11.22-q13.32	Arm	▨		▨	■	
	q13.33	Telomere	▨		▨		
chr21	p11.1	Centromere	▨				
	q11.2	Centromere	▨	▨			
	q21.1-q22.2	Arm	▨	▨			■
	q22.3	Telomere	▨	▨			
chr22	q11.1	Centromere	▨				
	q11.21-q13.32	Arm	▨			■	
	q13.33	Telomere	▨				

The position of genomic imbalance from all 10 OS is shown by cytoband location. Structural aberrations leading to S-CIN imbalance is mapped by black boxes and N-CIN imbalance is indicated by gray boxes.

Table W2. Estimation of the Overall Ploidy of 10 Samples.

OS	cen(3),* *n* (%)	cen(7),* *n* (%)	cen(17),* *n* (%)	Overall Ploidy Status[†]
OS1	2 (60%) 3 (15%) 4 (<10%)	2 (70%) 3 (>10%)	2 (70%) 3 (15%)	Diploid
OS4	1 (30%) 2 (60%)	2 (60%) 3 (20%)	2 (60%) 3 (20%)	Diploid
OS5	2 (70%) 3 (>10%)	2 (50%) 3 (20%)	2 (40%) 3 (40%) 4 (>10%)	Near-triploid
OS7	2	2 (50%) 3 (20%) 4 (>10%)	2 (35%) 3 (40%) 4 (>10%)	Near-triploid
OS9	2	2 (60%) 3 (>10%) >5 (60%)	2 (>10%) 3 (20%)	Polyploid (>5 n)
OS11	2	2 (60%) 3 (15%)	2 (70%) 3 (>10%)	Diploid
OS12	2 (80%) 3 (>10%)	2 (30%) 3 (30%) 4 (20%) 5 (>10%)	3 (>10%) 4 (20%) 5 (20%) >5 (30%)	Near-tetraploid
OS13	2	2 (50%) 4 (15%)	ND	Diploid
OS15	1 (30%) 2 (60%)	2 (50%) 3 (20%) 4 (20%)	2 (40%) 3 (30%) 4 (20%)	Near-tetraploid
OS18	2 (70%) 3 (>10%)	2 (53%) 3 (27%) 4 (>10%)	2 (60%) 3 (20%)	Near-triploid

*For each sample, 200 nuclei were scored, and a population of cell was recorded if it was represented by more than 10% of the cells.

[†] Overall ploidy criteria are established according to Ventura et al. [39], with modification described in the Materials and Methods section.