

S3 Table. Number of fully and partially labelled chromosomes observed in the cell line SK-N-AS, its oxaliplatin-resistant sub-line SK-N-AS^{rOXALI}⁴⁰⁰⁰, SK-N-AS^{rOXALI}⁴⁰⁰⁰⁽⁻⁾ cells that had been cultivated for ≥ 10 weeks in the absence of oxaliplatin (SK-N-AS^{rOXALI}⁴⁰⁰⁰⁽⁻⁾) line metaphases (N°, number; n= 23).

Chromosome	SK-N-AS		SK-N-AS ^{rOXALI} ⁴⁰⁰⁰⁽⁻⁾		SK-N-AS ^{rOXALI} ⁴⁰⁰⁰	
	N° metaphases (number of images signal observed/number of images viewed)		N° metaphases with chromosomes (number of images signal observed/number of images viewed)		N° metaphases with chromosomes (number of images signal observed/number of images viewed)	
	Fully labelled	Partially labelled	Fully labelled	Partially labelled	Fully labelled	Partially labelled
1	85 (16/16)	33 (15/16)	103 (19/19)	47 (19/19)	64 (17/17)	44 (17/17)
2	40 (9/9)	2 (1/9)	62 (17/18)	12 (5/18)	64 (16/16)	16 (8/16)
3	21 (11/13)	17 (11/13)	45 (16/17)	31 (13/17)	34 (15/16)	41 (16/16)
4	73 (18/18)	46 (18/18)	49 (16/16)	24 (15/16)	57 (16/16)	27 (13/16)
5	62 (16/16)	26 (15/16)	95 (19/19)	31 (15/19)	77 (18/18)	25 (13/18)
6	53 (17/17)	29 (13/17)	59 (15/15)	32 (13/15)	62 (19/19)	47 (18/19)
7	60 (16/16)	23 (13/16)	56 (18/18)	75 (18/18)	52 (18/18)	66 (17/18)
8	77 (17/17)	38 (12/17)	76 (16/16)	37 (12/16)	102 (18/18)	64 (18/18)

9	59 (15/15)	8 (3/15)	76 (15/15)	8 (4/15)	61 (14/14)	11 (6/14)
10	56 (18/18)	2 (1/18)	54 (18/18)	71 (18/18)	42 (15/15)	58 (15/15)
11	38 (16/16)	17 (10/16)	38 (18/18)	30 (16/18)	33 (18/18)	30 (16/18)
12	69 (18/18)	9 (6/18)	106 (17/17)	31 (13/17)	66 (16/16)	42 (15/16)
13	40 (16/16)	20 (9/16)	59 (16/17)	68 (17/17)	54 (17/18)	34 (13/18)
14	31 (12/16)	26 (12/16)	44 (16/19)	47 (15/19)	59 (15/16)	26 (9/16)
15	58 (17/17)	8 (5/17)	86 (16/16)	42 (16/16)	86 (16/16)	18 (7/16)
16	60 (15/15)	0 (0/15)	117 (22/22)	1 (1/22)	108 (19/19)	0 (0/19)
17	56 (14/14)	26 (9/14)	75 (18/18)	46 (16/18)	58 (15/15)	39 (15/15)
18	43 (16/16)	21 (10/16)	56 (19/19)	72 (19/19)	44 (17/17)	43 (17/17)
19	42 (23/23)	0 (23/0)	66 (20/20)	0 (0/20)	82 (19/19)	16 (9/19)
20	48 (21/21)	1 (1/21)	90 (21/21)	1 (21/21)	72 (19/19)	0 (0/19)
21	51 (15/15)	8 (4/15)	54 (16/16)	33 (13/16)	96 (17/18)	64 (15/18)
22	25 (10/10)	11 (7/10)	59 (17/17)	48 (15/17)	65 (17/17)	45 (15/17)
X	31 (18/18)	22 (14/18)	35 (19/19)	37 (19/19)	37 (19/19)	36 (18/19)