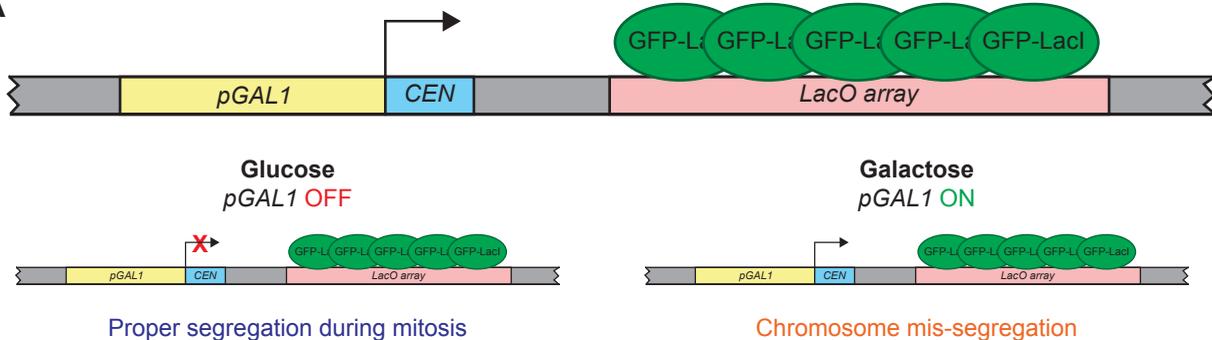


A**B Colony size measurements and mis-segregation rates for inducible aneuploidies**

Inducible Chromosome(s)	ORFs	Percent Mis-segregation*	Disome / Euploid Colony Area			Trisome / Euploid Colony Area			Monosome / Euploid Colony Area		
			Mean	SD**	n	Mean	SD**	n	Mean	SD**	n
1	117	86	0.837	0.086	14	1.012	0.029	16	0.793	0.020	16
2	456	76	0.844	0.045	22	0.997	0.052	25	0.000	0.000	25
3	183	73	0.941	0.063	15	1.112	0.047	20	0.409	0.035	20
4	836	67	0.060	0.036	15	0.465	0.102	26	0.001	0.002	26
5	323	73	0.483	0.036	18	0.908	0.042	27	0.174	0.016	27
6	141	70	0.000	0.000	13	0.016	0.025	19	0.629	0.033	19
7	583	70	0.410	0.085	10	0.885	0.152	30	0.000	0.000	30
8	321	69	0.795	0.048	13	1.054	0.036	25	0.081	0.020	25
9	241	83	0.886	0.041	22	1.059	0.028	31	0.305	0.023	31
10	398	86	0.669	0.047	19	0.899	0.035	22	0.000	0.000	22
11	348	77	0.770	0.040	23	0.936	0.048	29	0.019	0.004	29
12	578	93	0.111	0.041	21	0.800	0.056	27	0.001	0.005	27
13	505	80	0.466	0.050	22	0.962	0.046	28	0.000	0.000	28
14	435	70	0.392	0.042	18	0.883	0.029	24	0.001	0.001	24
16	511	82	0.540	0.032	24	0.913	0.059	26	0.000	0.000	26
1+2	573	NA	NA	NA	NA	0.880	0.095	12	0.000	0.000	12
5+10	721	NA	NA	NA	NA	0.744	0.058	8	0.010	0.003	8
2+5+10	1177	NA	NA	NA	NA	0.656	0.076	18	0.000	0.000	18
1+5+10	838	NA	NA	NA	NA	0.762	0.043	9	0.012	0.011	9
1+2+10	971	NA	NA	NA	NA	0.759	0.114	14	0.000	0.000	14

* Percent mis-segregation calculated in haploid strains (disomes)

** SD = standard deviation

NA = not analyzed

C Mis-segregation rates of chromosomes IV and V in inducible aneuploidies

Inducible Chromosome	ORFs	Percent ChrIV Mis-segregation (3 hours)	Percent ChrIV Mis-segregation (5 hours)	Percent ChrV Mis-segregation (3 hours)	Percent ChrV Mis-segregation (5 hours)
1	117	0	0	1	0
2	456	0	0	0	0
8	321	0	0	0	0
9	241	0	0	0	1
11	348	0	0	0	0
13	505	0	0	0	0

Chr = chromosome