

Table S5. Related to STAR Methods. Plasmids used to generate inducible aneuploid strains.

Plasmid	Target coordinates for integration of the LacO array	Restriction enzyme used to insert in intergenic region	Selectable marker for plasmid integration	Source
1801 (pDB030) <i>p_{URA3}-GFP-LacI</i>	Targets GFP-LacI to <i>HIS3</i> on chromosome XV	NheI to integrate at <i>HIS3</i> select for KAN (has <i>HIS3</i> and KANMX2 resistance)	KANMX2 (plasmid also has <i>HIS3</i> resistance)	Bressan et al., 2004
1499 (pCM40)	For cloning – no targeting sequence	Cut with Sall to ligate in targeting insert	NATMX6	gift from Doug Koshland
2632 (Cen5-LacO)	V: 152351-153293	BamHI	NATMX6	Miller et al., 2012
2627 (Cen1-LacO)	I: 151624-152219	BstZ17I	NATMX6	This study
2629 (Cen2-LacO)	II: 238345-238923	AflII	NATMX6	This study
2631 (Cen4-LacO)	IV: 452513-453003	AflII	NATMX6	This study
2634 (Cen8-LacO)	VIII: 105718-106030	BsrGI	NATMX6	This study
2636 (Cen10-LacO)	X: 444903-445865	PacI	NATMX6	This study
2638 (Cen11-LacO)	XI: 439058-439732	PmlI or BclI	NATMX6	This study
2639 (Cen14-LacO)	XIV: 624649-624953	StuI	NATMX6	This study
2641 (HYGRO-LacO)	Targets to hygromycin sequence	EagI (cuts twice in insert, cutting out a 165bp sequence)	NATMX6 (proper integration also confers loss of hygromycin B resistance)	This study
1888 (pGAL-CEN-JC3-13)	-	-	URA3	Anders et al., 2009
695 (pAG32)	-	-	hphMX4	Goldstein and McCusker, 1999