

**Table S4** Relative fold-change of CNVs with respect to the ancestral diploid. We calculated separately the values for chrXV CNV in the duplicated and haploidized region (listed as chrXVd and chrXVh respectively).

Strain	CNV or CNV Region	Fold-change (mean $\pm$ stdev)
1.1L	<i>HXT6/7</i>	4.12 $\pm$ 1.34
1.2L	<i>HXT6/7</i>	4.36 $\pm$ 1.44
1.3L	<i>HXT6/7</i>	4.86 $\pm$ 1.73
1.1S	chrXVh	0.62 $\pm$ 0.16
	chrXVd	1.66 $\pm$ 0.31
1.2S	chrXVh	0.63 $\pm$ 0.17
	chrXVd	1.70 $\pm$ 0.31
1.3S	chrXVh	0.56 $\pm$ 0.16
	chrXVd	1.65 $\pm$ 0.33
2.1L	chrIV	1.30 $\pm$ 0.29
2.2L	<i>HXT6/7</i>	4.47 $\pm$ 1.82
2.3L	chrIV	1.33 $\pm$ 0.27
2.1S	chrXVh	0.56 $\pm$ 0.15
	chrXVd	1.68 $\pm$ 0.30
2.2S	chrXVh	0.66 $\pm$ 0.17
	chrXVd	1.72 $\pm$ 0.35
2.3S	chrXVh	0.72 $\pm$ 0.17
	chrXVd	1.82 $\pm$ 0.34
3.1L	<i>HXT6/7</i>	4.66 $\pm$ 1.55
3.2L	<i>HXT6/7</i>	4.27 $\pm$ 1.25
3.3L	<i>HXT6/7</i>	6.59 $\pm$ 2.16
3.1S	chrXVh	0.64 $\pm$ 0.20
	chrXVd	1.69 $\pm$ 0.41
3.2S	chrXVh	0.78 $\pm$ 0.21
	chrXVd	1.67 $\pm$ 0.37
3.3S	chrXVh	0.69 $\pm$ 0.17
	chrXVd	1.64 $\pm$ 0.35
4.1L	<i>HXT6/7</i>	4.29 $\pm$ 1.42
4.2L	<i>HXT6/7</i>	4.49 $\pm$ 1.30
4.3L	<i>HXT6/7</i>	4.39 $\pm$ 1.20
4.1S	chrXVh	0.60 $\pm$ 0.18
	chrXVd	1.63 $\pm$ 0.39
4.2S	chrXVh	0.72 $\pm$ 0.17
	chrXVd	1.74 $\pm$ 0.37
4.3S	chrXVh	0.62 $\pm$ 0.17
	chrXVd	1.63 $\pm$ 0.34