Table S2. Specificity and sensitivity of array-based detection of mutants in a pool.

Data shown are median values from six hybridizations of input samples, including three different preparations, and dye swaps. Inputs were generated from a pool of 1,031 Kan^R gene deletion mutants grown to stationary phase in LB Kan. Hybridizations included a 27mer competitor oligo (see Materials & Methods, and **Supplementary Figure 2**)

	Number of probes detected (%)*
3' gene oligos for mutants in pool	905 / 933 (97.0)
3' gene oligos for mutants not in pool (negative controls)	8 / 308 (2.6)
5' gene oligos used to make deletions (negative controls)	7 / 955 (0.7)

* normalized signal three-fold above median of negative controls.