B84	B84xB73	B73
290 genes		

B37	B37xB73	B73
655 genes		

Oh43	OxB	B73
1071 genes		

Oh43	OxM	Mo17
885 genes		

Mo17	MxB	B73
1064 genes		

B73	BxM	Mo17
1055 genes		

Expression

Additional file 4. Clustering analysis of differentially expressed genes. Heat map clusters depicting the gene expression levels of inbred relative to hybrids in the Affymetrix dataset. Genes determined to be differentially expressed (FDR < 0.05, and additional quality control filters; see Materials and Methods) among the inbred-hybrid combinations are shown. The numbers of differentially expressed genes for each group are shown at the bottom of the figure. Red indicates high relative expression and blue indicates low relative expression, while black indicates the average relative expression for each gene profile. The clusters indicate that all six hybrid predominantly exhibit mid-parent (additive) levels of expression.