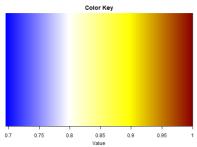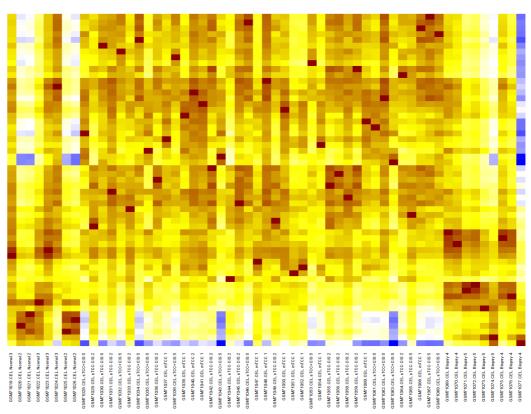Correlations given labels of phenotype data