SWISS hypothesis test results for Experimental Application II. Plot A shows Affymetrix versus Agilent one-color using all four samples, and Plot B shows the comparison when only samples A and B are considered. Plots C and D show Agilent two-color versus Affymetrix and Agilent one-color, respectively, when only considering samples A and B. All four tests return p-values of 0, from which we can conclude that the Affymetrix platform outperforms Agilent one-color arrays, and they both outperform Agilent two-color arrays with respect to intersite reproducibility.