



Figure S4. Two-way sensitivity analysis of how total costs change with the average cost of RPR (x-axis) and the average cost of CIA (y-axis). Costs are expressed in USD. Red indicates conditions under which the traditional algorithm is less expensive and blue indicates conditions under which the reverse algorithm is less expensive. A linear relationship exists in which the reverse algorithm is less costly than the traditional algorithm when the RPR test cost is greater than \$4.35 and the CIA test cost is less than \$2.02.