

isof2014\_setA\_matrix.tab

The following table shows the results of the regression analysis for the dependent variable *Y* (in millions of dollars) against the independent variable *X* (in millions of dollars). The regression equation is  $Y = 0.8X + 1.2$ . The coefficient of determination is  $R^2 = 0.95$ .

<i>X</i> (millions of dollars)	<i>Y</i> (millions of dollars)
10	9.2
20	17.2
30	25.2
40	33.2
50	41.2
60	49.2
70	57.2
80	65.2
90	73.2
100	81.2

The regression line is shown in the graph below. The x-axis represents *X* (in millions of dollars) and the y-axis represents *Y* (in millions of dollars). The data points are plotted, and the regression line is drawn through them.

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Gene partitions ( n = 1478 )