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(54) Title: VISUALIZATION TOOL FOR qPCR GENOTYPING DATA

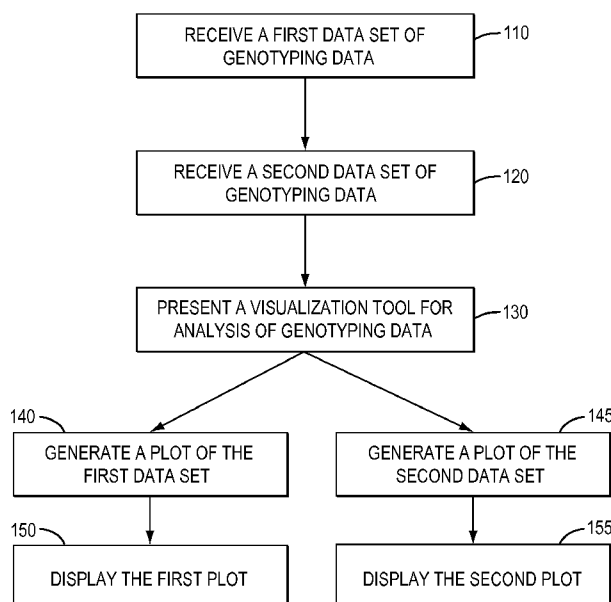


FIG. 1

(57) Abstract: Systems and methods are used to display data obtained from a qPCR instrument. Each of two or more samples is probed with a first labeling probe and a second labeling probe. A first data set is received from a qPCR instrument at a first cycle number that includes for each sample a first labeling probe intensity, and a second labeling probe intensity. A second data set is received at a second cycle number that includes for each sample a first labeling probe intensity and a second labeling probe intensity. A first plot of first labeling probe intensity as a function of second labeling probe intensity is created using the first data set. A second plot of first labeling probe intensity as a function of second labeling probe intensity is created using the second data set. The first plot and the second plot are displayed in response to user defined input to provide dynamic and real-time analysis of genotyping data.