17. The method of claim 15, further comprising, in (c), adjusting a diagnosis of the subject from negative or uncertain to positive when the same genetic variants are detected in the first set of genetic data and the second set of genetic data in a plurality of sampling instances or time points.

18. The method of claim 15, further comprising, in (c), adjusting a diagnosis of the subject from negative or uncertain to positive in a characterization from an earlier time point when the same genetic variants are detected in the first set of genetic data at an earlier time point and in the second set of genetic data at a later time point.

19. The method of claim 1, wherein the disease state is cancer and the genetic analyzer is a nucleic acid sequencer.

20. The method of claim 1, wherein the biological samples include at least two different types of biological samples.

21. The method of claim 1, wherein the biological samples include the same type of biological sample.

22. The method of claim 21, wherein the biological samples are blood samples.

23. The method of claim 22, wherein the nucleic acid molecules are cell-free deoxyribonucleic acid (DNA).