[0005a] In another exemplary embodiment, there is provided a computer-readable storage medium encoded with instructions, executable by a processor, for identifying a first object-of-interest, wherein the first object-of-interest includes two identifiers and a sample portion, the instructions comprising instructions for: imaging the first object-of-interest including the two identifiers, wherein the imaging generates a first set of image data; determining a position of the first object-of-interest in the field-of-view of an optical sensor; determining the two identifiers from the first set of image data; and identifying the first object-of-interest based on the two identifiers.

[0005b] In another exemplary embodiment, there is provided a system for identifying a first substrate, wherein the first substrate includes two identifiers and a sample portion, the system comprising: a processor; and a memory encoded with instructions, executable by the processor, the instructions for: imaging the first object-of-interest including the two identifiers, wherein the imaging generates a first set of image data; determining a position of the first object-of-interest in the field-of-view of an optical sensor; determining the two identifiers from the first set of image data; and identifying the first object-of-interest based on the two identifiers.