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The paper includes a validation procedure for estimating the tracking error (the rate of erroneous assignments of IDs to blobs). The procedure is described in the first subsection of the Results section, the caption of Figure 4 and its supplements, and in Table 2.

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Source data is provided for Figure 4 and its supplements. Data and code used to generate Figure 3 and its supplements and Figure 5 and its supplements have been deposited in a public repository and are cited within the manuscript as references #60 and #61.