

Primary articles consist of the original scientific report with updated findings from research. Five sections that are found in a primary article are: introduction, methods, results, discussion, and references. If an article was peer reviewed, this could indicate it is a primary article, peer reviews are not the same thing as review articles, because it will not present any new experimental information. The Permanent Inactivation of Huntington disease mutation by personalized allele-specific CRISPR:Cas9 article is a primary article. The formatting in this article follows the structure of a typical primary article and presents new generated data in the results section of the article.

A review article is considered a secondary source, there will be no new information only old experimental data will be mentioned in the article. The original work will be summarized and interpreted by the author of the secondary source. The “Huntingtons Disease- Mechanisms of Pathogenesis and Therapeutic Strategies” is a secondary source because they are only discussing information about Huntington’s Disease that has already been discovered. In the opening paragraph prior to the introduction the piece gives a brief overview of what they will cover. In their formatting there is no section dedicated to results, indicating they actually performed an experiment and discovered something new to report.

The scientific peer review process can be used to assess a primary article prior to publishing. The first step in the peer review process is the writer or writers submit the piece to a Journal specific to the topic or audience of the piece. An editor from the Journal will review and decide if the piece is fitting for their Journal. Once the piece is accepted by a Journal the editor will send the piece to at minimum 2 experts on that topic. These experts will review and evaluate the science part of the piece and write a report back to the detailer with their editorial

suggestions. This will determine if the paper needs to be revised, rejected, or accepted. After the piece is accepted the piece will be formatted and published to the Journal.