

# HIV NGS Testing

Today, because of access to highly effective antiretroviral therapies, it's possible to prevent or even reverse HIV damage to the immune system, dramatically prolonging life expectancy and increasing the quality of life for most individuals with HIV.

## **3003853 Human Immunodeficiency Virus 1 Drug Resistance by Next Generation Sequencing**

Unlike Sanger sequencing, which sequences the reverse transcriptase/protease regions of HIV separately from the integrase region, NGS interrogates all three targets in a single test.

- NGS easily handles indel (insertion-deletion) variants calling and interpretation that often confound Sanger tests.
- The open access to HIV variant analysis allows for linkage to the gold standard Stanford database, ensuring up-to-date interpretation based on the most recent HIV clinical trials.



## **Spotlight on Testing Technology: HIV Testing by NGS**

Watch this spotlight video by David R. Hillyard, MD, for more information.

[aruplab.com/HIV-NGS-Spotlight](https://aruplab.com/HIV-NGS-Spotlight)

