

NGS oncology quality control, 11/14

November 2014—Clinical laboratories running next-generation sequencing oncology tests now have access to a universal quality control material compatible with multiple sequencing platforms. The AcroMetrix Oncology Hotspot Control from Thermo Fisher Scientific provides a common quality control material that can be used in laboratories with different NGS instrument platforms, assays, and bioinformatics pipelines to test precision and detect analytical deviations that may arise from reagent and instrument variation.



The Oncology Hotspot Control allows users to control for more than 500 hotspot mutations with a single QC control and contains cancer-associated mutations across 53 genes, including KRAS, BRAF, ERBB2, EGFR, and TP53. Users can choose from 500 single nucleotide variants, 18 insertions, 29 deletions, and three complex mutations.

The control has a validated 12-month shelf life at -20°C and is stable over five freeze-thaw events.

[Thermo Fisher Scientific](#), 781-622-1000