**To:** Dartmouth Health Providers Ordering the DH-CancerSeq Whole Exome Sequencing Assay

**From:** Laura Tafe, MD, CGAT Associate Director, Director of Medical Oncology; Parth Shah, MD, Director, CGAT Genomic Informatics; Arief Suriawinata, Interim CGAT Director

**Date:** 4/8/2025

**Re:** Gene list update for gene fusions and copy number gains, DH-CancerSeq

The DH Laboratory for Clinical Genomics and Advanced Technology (CGAT) provides next generation sequencing of somatic (tumor) whole exomes using the DH-CancerSeq Assay. Effective immediately, updated gene lists will be used for reporting fusions (778 genes) and copy number gains (12 genes). The full gene lists can be found in the report specifications.

**For questions or additional information, please contact:** Laura Tafe or Parth Shah in the Department of Pathology and Laboratory Medicine.