

# Oncomine tumor specific panels

Because in precision oncology research, one size does not fit all



## Choose Ion Torrent™ Oncomine™ tumor specific panels for focused cancer research

The greater our knowledge about the genomic aberrations causing cancer, the more we understand how heterogeneous a disease it can be. While some aberrations can be found across many tumors, some are very specific to particular tumor types. An array of tools is required to provide timely, relevant information for every cancer sample, while managing costs and available tissue material.

Oncomine tumor specific panels complement Ion Torrent™ Oncomine™ assays, providing end-to-end solutions for researching the molecular profile of specific tumors from formalin-fixed, paraffin-embedded (FFPE) tissue samples.

- Small, tumor specific panels with relevant content for clinical research (15–30 genes)
- Available via **ampliseq.com** and manufactured on demand
- Low sample input requirement and robust performance on FFPE tissue
- End-to-end research workflow, including bioinformatics and a reporting solution
- Specialized support for assay verification

## OncoPrint tumor specific panels for cancer research



### Ion Torrent™ OncoPrint™ Bladder Panel

25-gene panel applicable to urothelial carcinoma, which represents ~90% of bladder cancers. Contains genes such as *PIK3CA*, *FGFR3*, and *ERBB2*.



### Ion Torrent™ OncoPrint™ Kidney Panel

15-gene panel applicable to renal cell carcinomas, the majority of kidney cancer. Contains genes such as *VHL*, *MTOR*, and *PBRM1*.



### Ion Torrent™ OncoPrint™ BRCA Expanded Panel

15-gene panel containing *BRCA1* and *BRCA2* as well as HR pathway genes important for ovarian, breast, and prostate cancer research. Contains genes such as *ATM*, *PALB2*, and *BRIP1*.



### Ion Torrent™ OncoPrint™ Liver Panel

22-gene panel applicable to hepatocellular carcinoma (HCC) and intrahepatic cholangiocarcinoma (ICC). Contains genes like *TP53*, *MYC*, *TERT*, and *CTNNB1*.



### Ion Torrent™ OncoPrint™ Colorectal and Pancreatic Panel

24-gene panel applicable to colorectal and pancreatic adenocarcinoma, including DNA mismatch repair pathway genes. Also, contains genes such as *APC*, *KRAS*, and *NRAS*.



### Ion Torrent™ OncoPrint™ Lymphoma Panel

25-gene panel applicable to non-Hodgkin's lymphomas (primarily diffuse large B cell (DLBCL)) as well as to Hodgkin's lymphoma. Contains genes such as *BCL2*, *MYD88*, and *CARD11*.



### Ion Torrent™ OncoPrint™ Gastric and Esophageal Panel

17-gene panel applicable to gastric, esophageal, and gastroesophageal adenocarcinoma. Contains genes such as *TP53*, *ERBB2*, and *CDKN2A*.



### Ion Torrent™ OncoPrint™ Melanoma Panel

30-gene panel applicable to cutaneous and uveal melanoma. Contains genes such as *BRAF*, *NRAS*, and *CDKN2A*.



### Ion Torrent™ OncoPrint™ Gynecological Panel

19-gene panel applicable to endometrial, cervical, and ovarian carcinomas. Contains genes such as *PTEN*, *BRCA2*, and *CTNNB1*.



### Ion Torrent™ OncoPrint™ Prostate Panel

21-gene panel applicable to prostate adenocarcinoma. Contains genes such as *AR*, *PTEN*, and *MYC*.

## Ordering information

Product	Cat. No.
OncoPrint Tumor Specific Panels	<a href="http://ampliseq.com">ampliseq.com</a>
OncoPrint Tumor Specific Panels with OncoPrint Tumor Specific Panels Assessment	A46900 SVC
OncoPrint Tumor Specific Panels Development 1	A46901 SVC
OncoPrint Tumor Specific Panels Development 2	A46929 SVC

Find out more at [thermofisher.com/oncoPrint-specific](http://thermofisher.com/oncoPrint-specific)