

MD Anderson
Cancer Center

Making Cancer History®





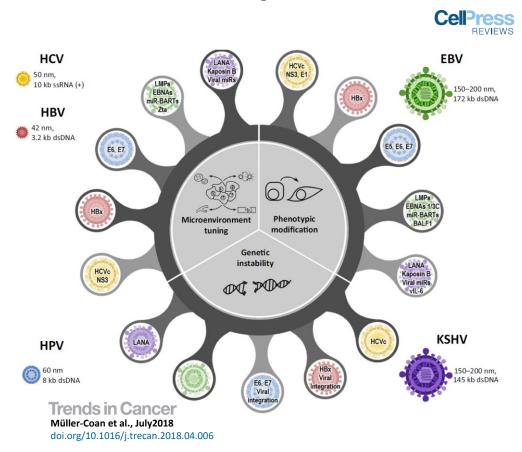
VirMAP for Cancer:

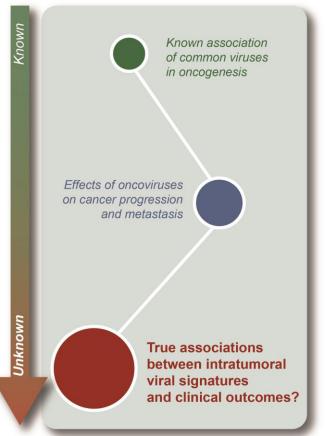
Characterization of the Intratumoral Virome in Virally- Associated Cancers and a Resource for Investigators

Y. David Seo

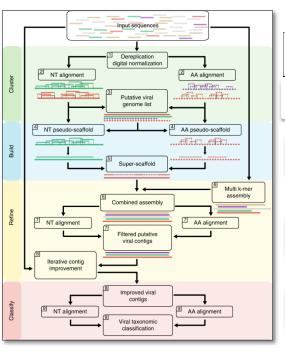
Leading Edge of Cancer Symposium Abstract October 2022

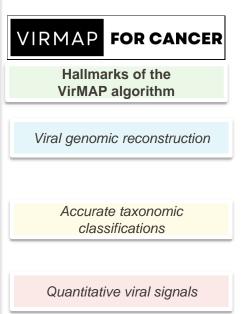
Current landscape of viral associations in cancer

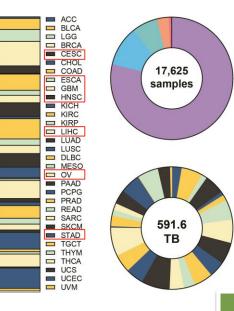




VirMAP – A powerful tool for cancer virome interrogation







RNA Sequencing Whole genome sequencing Whole exome sequencing

TCGA€

NIH NATIONAL CANCER INSTITUTE

Primary Tumor

Metastatic

Additional

Recurrent Tumor

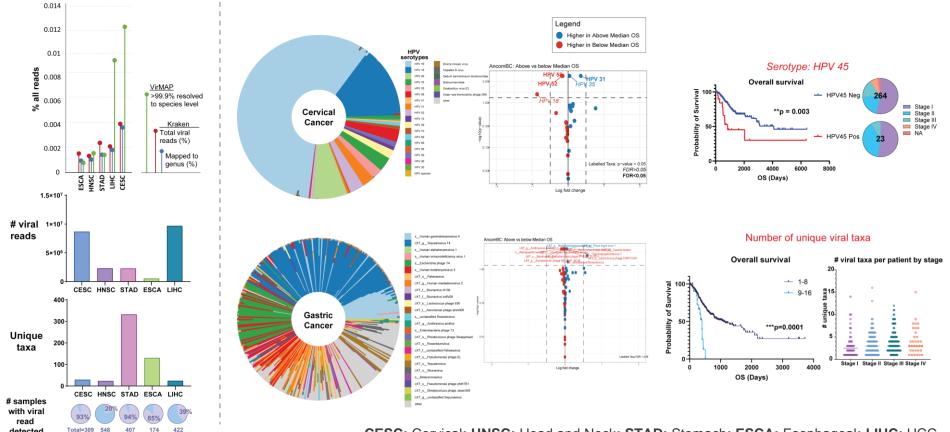
Blood Derived Normal

Solid Tissue Normal

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detected

Serotype-level virome resolution allows for nuanced exploration



CESC: Cervical; HNSC: Head and Neck; STAD: Stomach; ESCA: Esophageal; LIHC: HCC