



Sema4 Receives Approval from NYS DOH for Sema4 Signal™ WES/WTS and PanCancer Somatic Tests

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STAMFORD, CT — July 15, 2020 –[Sema4](#), a patient-centered health intelligence company, today announced that it has secured approval from the New York State Department of Health (NYS DOH) to conduct its Sema4 Signal™ Whole Exome/Transcriptome Sequencing (WES/WTS) and PanCancer somatic tests. Sema4 becomes the first company with a commercial laboratory to be approved by the NYS DOH for WES/WTS for solid and hematologic malignancies utilizing tumor-normal analysis. New York State's approval comes shortly after [Sema4's launch of Sema4 Signal](#), a new family of products and services providing data-driven precision oncology solutions, including a market-leading hereditary cancer panel composed of a comprehensive 112 gene panel.

Until now, Sema4 has been offering WES/WTS outside of New York. New York is the only state in the U.S. requiring an independent regulatory review for laboratory-developed tests, which represents one of the most rigorous levels of validation.

Sema4's WES/WTS test provides clinically-actionable information across the whole exome about a broad range of genomic variants, gene fusion and alternative splicing, and tumor mutational burden and microsatellite instability for solid and hematologic cancers. Sema4 Signal PanCancer, with a ~2,200 gene panel that is the largest in the market, delivers a targeted approach to DNA and RNA sequencing for solid and hematologic cancers. These tests inform on both somatic and germline findings, supported by genetic counseling and digital tools, and can be combined with the Sema4 Signal Hereditary Cancer test and Informatics tools, including clinical trial recruiting.

"New York State's approval of our somatic profiling solutions is testament to the outstanding accuracy of the tests and reinforces that we have a market-leading solution for clinical care, research, and clinical trials," said [Eric Schadt](#), PhD, Founder and Chief Executive Officer of Sema4. "Following our announcement about Sema4 Signal, this development further highlights our commitment to using data science to improve cancer treatment. The data we generate from Sema4 Signal WES/WTS and PanCancer will be critical to delivering actionable insights that providers can use to administer care to their current patients while building better predictive models for future treatments."

"At Sema4, we believe that hereditary cancer testing should inform personalized cancer prevention and management strategies today, while also enabling patients to benefit from the advances of tomorrow. That is why we perform our testing on an exome-based platform, with clinical biobanking as standard," said [Michelle Zimmerman](#), Senior Vice President and General Manager of Sema4's Oncology Solutions. "We also understand how important it is to easily access these tests; our best-in-class service, broad network coverage, proactive genetic counseling, and digital tools help make testing accessible for providers and their patients."

Sema4 is now starting to engage with the U.S. Food and Drug Administration (FDA) on securing federal government approval for the tests. As part of its mission to improve the diagnosis, treatment, and prevention of disease, Sema4 is also already collaborating with several clinician researchers and investigators, and pharmaceutical companies on initiatives related to its WES/WTS tests.

About Sema4

Sema4 is a patient-centered health intelligence company founded on the idea that more information, deeper analysis, and increased engagement will improve the diagnosis, treatment, and prevention of disease. Sema4 is dedicated to transforming healthcare by building dynamic models of human health and defining optimal, individualized health trajectories, starting in the areas of reproductive health and oncology. [Centrellis™](#), our innovative health intelligence platform, is enabling us to generate a more complete understanding of disease and wellness and to provide science-driven solutions to the most pressing medical needs. Sema4 believes that patients should be treated as partners, and that data should be shared for the benefit of all.

For more information, please visit sema4.com and connect with Sema4 on [Twitter](#), [LinkedIn](#), [Facebook](#) and [YouTube](#).

Media contact:

Radley Moss

radley.moss@sema4.com