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SmartGene's Cloud Software Services for Local Detection of Coronavirus Variants Across France and for National Surveillance of SARS-CoV-2

Zug, Switzerland - February 11th, 2021: SmartGene, a leading provider of bioinformatics solutions, announces that its application services for genetic analysis of Coronaviruses will be used by scientific teams supported by France's ANRS Emerging Infectious Diseases Agency (ANRS-MIE). SmartGene's technology will enable immediate detection locally of SARS-CoV-2 variants and real-time surveillance nationally of the evolution of the virus across France.

SmartGene's cloud-based **IDNS[®] Coronavirus App Module** will assist more than twenty member institutions to identify and determine the prevalence of SARS-CoV-2 lineages of concern, such as those recently identified in the United Kingdom, South Africa, and Brazil.

Furthermore, **SmartGene's IDNS[®] Data Collector** technology, already in use for nationwide surveillance of HIV drug resistance in France, will aggregate Coronavirus sequences and associated metadata across all participating institutions, enabling real-time, data-driven surveillance of the evolution of SARS-CoV-2 nationally by French public health scientists.

"It is critical for countries and regions to understand the transmission of viral variants in their populations and to detect mutants which may escape vaccines and diagnostics" said Dr. Stefan Emler, CEO of SmartGene. "Scientists and SmartGene have collaborated for many years on the genetic monitoring of infectious agents, improving clinical care and the lives of patients. We are grateful to have our technology and expertise now helping to fight the unprecedented and rapidly evolving challenges of the COVID-19 health crisis in France and elsewhere."

About SmartGene

Founded in 1999 and based in Switzerland, SmartGene is a bioinformatics application service provider (ASP) delivering secure, integrated, software solutions (SaaS) for the analysis, interpretation, and management of genetic data.

Customers worldwide use SmartGene's cloud-based Modules for clinical management and epidemiological monitoring of infectious diseases involving viruses, bacteria and fungi, or for quality management of industrial products.

Find out more at www.smartgene.com.