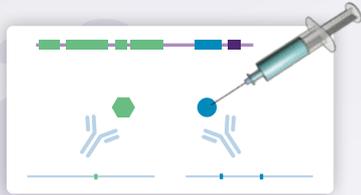
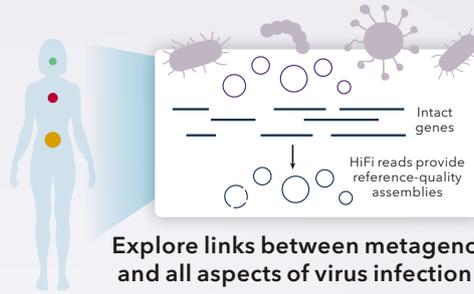


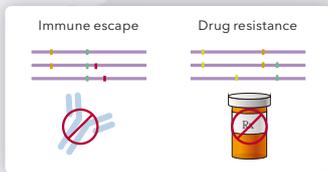
Mapping the Interplay of Viral and Host Genomics with HiFi Sequencing



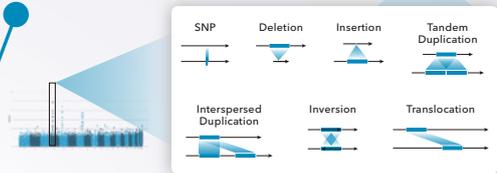
Understand the efficacy of vaccines



Explore links between metagenomes and all aspects of virus infection and treatment response

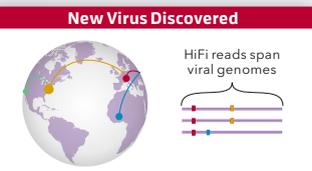


Monitor quasispecies dynamics or the emergence of minor variants under selective pressure

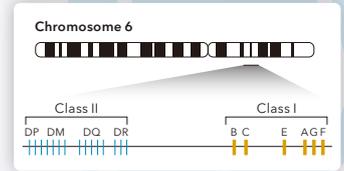
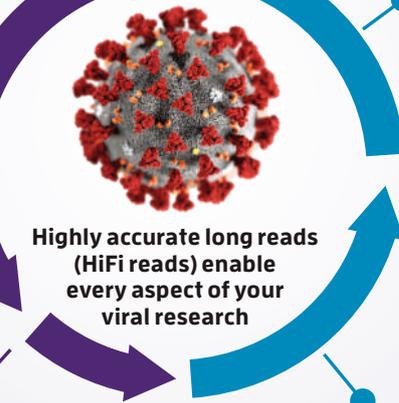


Find all the variants that impact susceptibility, immune response, and disease progression

Viral Genomics

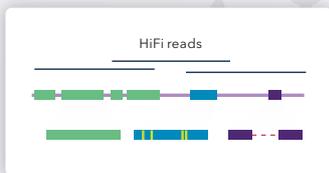


Understand the spread of a novel virus or strain through communities

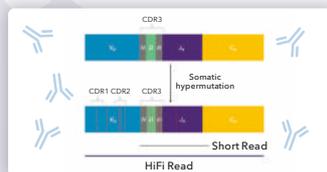


Explore how allelic variation in HLA genes correlates with susceptibility or disease progression

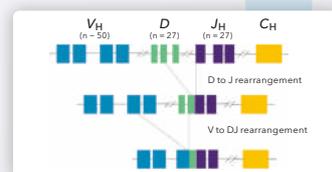
Human Genomics & Transcriptomics



Identify conserved regions and mutational hotspots



Sequence full-length B cell receptor repertoires



Understand how the germline IGH locus impacts the immune response



COVID-19 Sequencing Tools and Resources