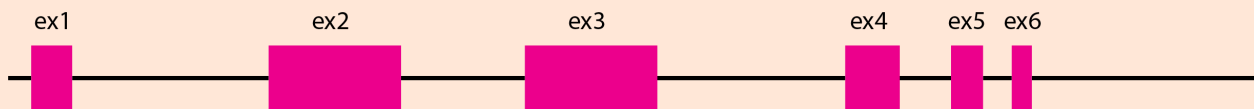


## High resolution genotyping of HLA class I and class II genes using ScisGo-HLA

ScisGo-HLA-v6 is a next generation sequencing (NGS) technology that yields high resolution genotypes for all eleven HLA-class I (CI) and class II (CII) loci. The NGS data cover all exon and sufficient intron sequences to yield 3-field typing with detection of all known null alleles. Ambiguities are minimized with zero allele ambiguities and rare diploid ambiguities encountered at the 3-field HLA allele level. We offer range of standard and customized data reporting options.



HLA-A, B, C gene structure and **NGS** coverage using **ScisGo-HLA-v6**. The cartoon displays the intron (lines between exons) and exon (blue boxes) structure of HLA class I genes. ScisGo-HLA-v6 yields phased data from all exons and introns sufficient to yield 3-field types for HLA-A, B, C in a single reaction set.



HLA-DR, DQ, DP gene structure and **NGS** coverage using **ScisGo-HLA-v6**. The cartoon displays the intron (lines between exons) and exon (red boxes) structure of HLA class II genes. ScisGo-HLA-v6 yields phased data from all exons and introns sufficient to yield 3-field types for the eight CII genes HLA-DRB1345, DQA1, DQB1, DPA1, DPB1 in a single reaction set.