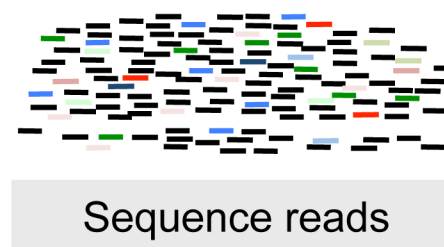
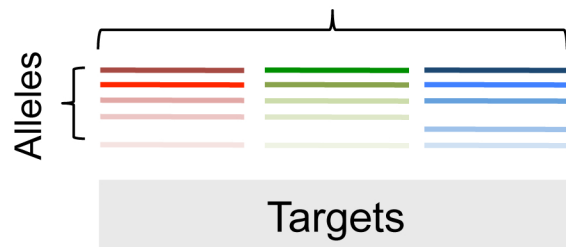


HLA reference sequences
genomic or coding sequence

Human shotgun sequence datasets
Exon capture, WGS or RNA-Seq

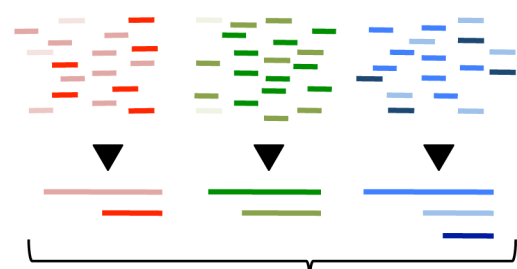


TASR

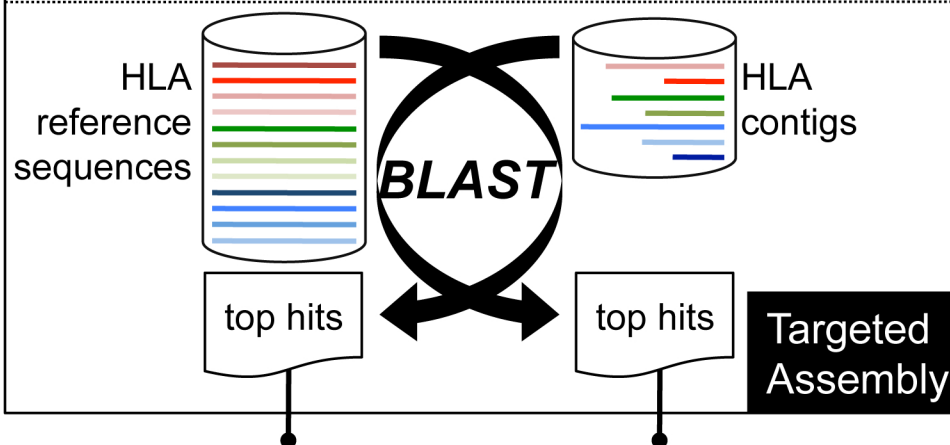
Short Read Aligners

Targeted, *de novo*
assembly of HLA

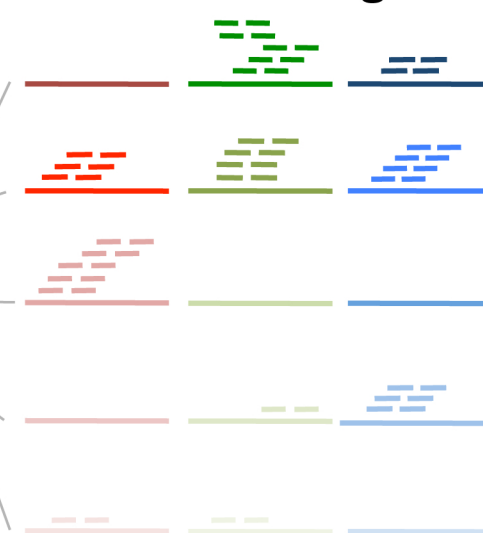
Reads are used to
seed contig
assemblies



Recruited
reads
Contigs



HLA
reference
sequences



top hits

Read
Alignment

HLAminer