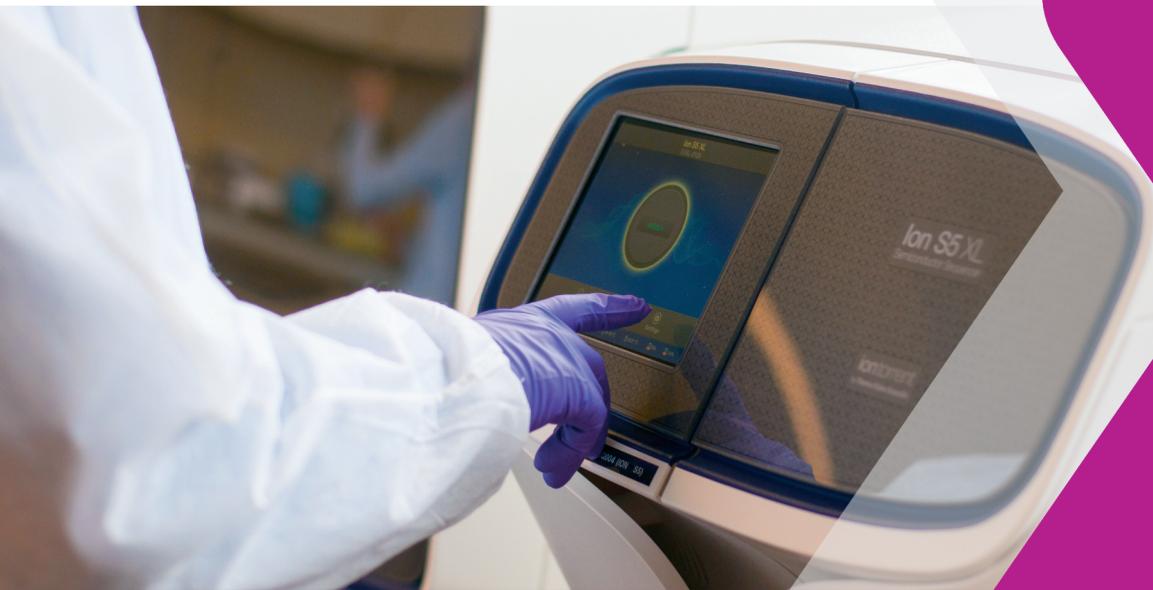


# NGSgo<sup>®</sup> AND ION TORRENT S5 A PERFECT FIT FOR HLA TYPING BY NGS

## GENDX



personalizing diagnostics

- Easy NGSgo workflow
- Fast sequencing, little hands-on time
- High quality data



## Amplify HLA

NGSgo-AmpX is the best validated HLA amplification method available, based on the GenDx HLA expertise that has proven successful for over 12 years.



## Construct library

Libraries are generated using NGSgo-LibrX and NGSgo-IndX. The NGSgo library preparation is the most efficient method available. It has been designed to construct libraries that are completely compatible with the Ion S5.



## Prepare template

The Ion Chef™ System enables a fully automated workflow, incorporating the steps of template preparation and chip loading. The intuitive user interface makes the system easy to use, saving time and labor.



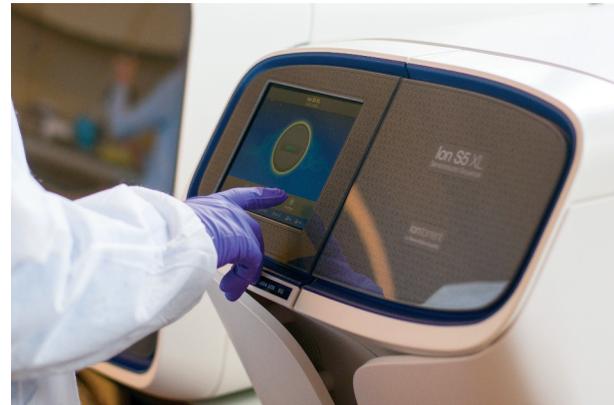
## Run sequence

The Ion S5™ and Ion S5™ XL systems are a new and improved line of next generation sequencing machines that provide speed and accuracy. Both systems make for a simple workflow and fast sequencing. The machines come with load-and-go reagents and a straightforward user interface, enabling sequencer setup in less than 15 minutes of hands-on time.



## Analyze data

HLA typing software package NGSengine® can recognize if data files were generated on an Ion Torrent platform, and offer optimized settings accordingly. Two robust algorithms provide high accuracy, allowing you to reach high typing concordance for all HLA loci.



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