

Support for New and Old Nomenclature in HLA Fusion™ 2.0

Our goal is to provide maximum flexibility during the nomenclature change/migration period while maintaining software performance and usability.

The following applies to LABType® and Micro SSP™ products:

1. HLA Fusion 2.0 database migration/upgrade from prior OLI software/databases (for example HLA Fusion 1.3.1 and earlier versions, HLA Visual and HLA Tools).
 - HLA Fusion 2.0 software will migrate the data “as is” from prior OLI software/databases (*HLA Fusion software will not translate old allele names into new allele names during the migration process.*)
 - HLA Fusion 2.0 software will upgrade, “as is,” the databases that were created using the HLA Fusion 1.2.0, 1.2.1X, 1.3.0 and 1.3.1 versions. (*HLA Fusion software will not translate old allele names into new allele names during the upgrade process.*)
2. The Sero file available from the One Lambda download site has been updated to include new alleles.
 - Users are required to download the Sero file prior to importing any catalog into the HLA Fusion version 2.0 software.
 - Sero file will be used for translation of alleles.
 - HLA Fusion will not support Sero files created before January 2010.
 - The Patient import module only accepts the alleles in the new format, and Cw is changed to C.
3. HLA Fusion 2.0 software can import catalogs both in the old and new nomenclature. The catalog import process in HLA Fusion 2.0 software includes the following steps:
 - Catalogs using the new allele naming format are imported as is.
 - Analysis/reanalysis will use the new allele name and results will be stored in the new allele format.
 - Viewing and reporting modules will display alleles in the new format.
 - Catalogs using the old allele format can either import as-is or translate and import in the new format.
 - If the translation option is selected, the old allele names are translated into new allele names during the import, and any old alleles that do not have corresponding new alleles are dropped and will not be imported.

4. Data management:

- A **Translate** option was added to the Data Management screen allowing selected sessions in the old allele format to be translated into the new allele format. Changes made on this screen are updated in the database. Please note the following:
 - Only results will be translated
 - Other assignments, serology and NMDP code and corresponding definitions stay as is.
 - The old alleles will be left as is if they do not have matching new alleles.

5. Analysis:

- A **Translation** option was added in the analysis screen and will show old alleles in the new format if this option is selected. The translation is temporary, and it will only translate results. Please refer to the Data management section for more details.
- For combined and supplemental analysis, the analysis results are displayed in the new format even if one of the samples has been analyzed using the new allele format.

6. Reporting and viewing of results in HLA Fusion 2.0:

- Will be based on what is in the database.
 - Results in the old allele format will show as old alleles
 - Results in the new allele format will show as new alleles

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