**OSIRIS Release Notes Version 2.16**

**Improvements in OSIRIS Version 2.16**

Version 2.16 includes substantial improvements over previous versions

**New Features**

New software to allow users to add novel kit and internal marker definitions to OSIRIS

* **Programs** – three programs have been added to the OSIRIS distribution for:
  + Adding a novel kit definition – GenerateLadderFile.exe
  + Adding a novel ILS internal marker – GenerateILSFamily.exe
  + Adding new loci and new Positive Control DNA profiles – BuildStandardControlFile.exe
* **Additional directories** – Added directories in the Osiris-Files “site” directory to support the user-added kits and ILSs, including:
  + Configuration-Tools directory – for the resource and tutorial files for those programs
  + Config directory – for storing the user created kit definitions and Operating Procedures

Instructions for using the kit and ILS generating programs can be found on the OSIRIS Help webpage:  
<https://www.ncbi.nlm.nih.gov/osiris/help/>

Additional platforms and ILSs

* Added kit definitions for Promega Fusion, Fusion 6C, Y23, GenePrint 10 and GenePrint 24 analysis data collected on Promega Spectrum Compact capillary electrophoresis units.

**Bug Fixes**

* Fixed a bug that rarely caused the “OL” label to not be displayed on off-ladder peaks in the Graph view and the Table view, even though the peaks received an off-ladder designation which was marked as non-critical. This bug was present in previous versions as early as 2.10.3.