

The Cancer Genome Atlas Pilot Project
University of North Carolina
Raw Data Description

Platform: Agilent 44K Array

Raw Data

Raw data for UNC gene expression and microRNA is in the form of a tagged image file format (.tiff). All file information for each file is listed in the File Info dialog box. The TIFF file is compliant with Adobe version 6.0 file format. A full description of our raw data and the (the tiff images themselves) is provided at the following url:

<http://partners.adobe.com/asn/developer/PDFS/TN/TIFF6.pdf>.

There are two sets of custom TIFF tags in the Agilent file format. Genetic Analysis Technology Consortium (GATC) TIFF Tags Agilent Technologies is not a member of GATC or otherwise connected to this organization, and makes no internal use of these tags. They are included for the convenience of customers who use software that requires them. Custom TIFF Tags Agilent Technologies uses its own custom TIFF tags for storing additional file information. TIFF Tag 37701 This tag points to a data structure. This data structure is not public, but information stored in the data structure is available to customers in the MATLAB file format. TIFF Tag 37702 This tag points to a string containing the file description. The usual TIFF description tags (tag 270) are used to hold the color name, red or green, for each image. This allows programs that interpret only standard TIFF tags to determine image colors. The Page Name tag (tag 285) also contains the color names.