caArray 085 - Columns required for an Illumina csv datafile and caArray

Question: Which columns are required for an Illumina csv datafile and caArray?

Topic: caArray Usage

Release: caArray 2.0 and above

Date entered: 05/28/2011

Details about the Question

What are the columns that are required for an Illumina csv datafile? There are many columns in an Illumina csv data file. Which ones are required by caArray?

Answer

Required Fields
Probe_ID/ID_REF
AVG_Signal (prefixed with "\<hygridixation_name>" or suffixed with "-\<hybridization_name>")
Detection/DetectionPVal/Detection Pval (prefixed with "\<hygridixation_name>" or suffixed with "-\<hybridization_name>")

If the array design for Illumina data is other than BGX/TXT format

Required Fields
TargetID
ProbeId
AVG_Signal (prefixed with "\<hygridixation_name>" or suffixed with "-\<hybridization_name>")
Detection/DetectionPVal/Detection Pval (prefixed with "\<hygridixation_name>" or suffixed with "-\<hybridization_name>")

Optional fields

Fields
MIN_Signal
MAX_Signal
NARRAYS
ARRAY_STDEV
BEAD_STDEV
Avg_NBEADS

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