Raw intensity vector of Cy3 or Array 1

Prefiltering

Filtered intensities

Logarithm of intensity and ratio

Log mean intensity vector

Log ratio vector

Discretization of intensity band

Log mean intensity vectors in each interval

Log ratio vectors in each interval

Normalization based on mean/median in each interval

Mean or median

Remainder genes after elimination of highly differentially expressed genes

Standard deviation

Log normalized ratio & intensity vectors

Identification of differentially expressed genes based on mask

Differentially expressed genes

To clustering