

Random sample of genes picked

Mean expression of each sample over these genes in the sample normalised matrix found – weighted by the score of each gene (initially equal)

Those samples with mean expression T_c standard deviations above this value are selected and these mean values taken as 'sample scores' – T_c is a predefined threshold value

Mean expression of each gene over these samples in the gene normalised matrix found – weighted by the score of each sample

Those genes with mean expression T_g standard deviations above this value are selected and these mean values taken as 'gene scores' – T_g is a predefined threshold value

Are selected genes the same as the previous iteration?

No

Yes

Selected genes and samples are written to a file (with scores)

Have sufficient random samples been processed?

No

Yes

Finish