

Chr: 7:1.1e+08:159345973 Log likelihood -8462.3  $\infty$ 0.4 9 Expression z-score 0.3 4 Density  $\alpha$ 0.2 0 0.1 7 0.0 4 -2 0 2 6 0 20 40 60 80 -4 4 100 Expression z-score Cells Posterior probablility distribution component 1 17500 1200 Frequency 16500 800 400 15500 0 2 0.0 0.2 0.4 0.6 8.0 1.0 1

Posterior probability

Number of components

Chr: 7:61528020:159345973 Log likelihood -8492.4 10 0.4 Expression z-score 0.3 2 Density 0.2 0 0.1 -5 0.0 -5 0 5 0 20 40 60 80 100 Expression z-score Cells Posterior probablility distribution component 1 1500 17500 1000 Frequency 16500 500 15500 0 2 0.0 0.2 0.4 0.6 8.0 1.0 1 Number of components Posterior probability

