

Chr: 7:1.1e+08:159345973 Log likelihood -7568.8 0.4 Expression z-score  $\alpha$ 0.3 Density 0.2 0 0.1 7 0.0 -3 2 0 20 40 60 80 100 0 1 Expression z-score Cells Posterior probablility distribution component 1 16000 2000 1500 15000 Frequency 1000 200 14000 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 -7641.8 0.4 Expression z-score  $\alpha$ 0.3 Density 0.2 0 7 0.1 0.0 4 -3 2 0 20 40 60 80 100 0 Expression z-score Cells Posterior probablility distribution component 1 16000 2000 1500 15000 1000



