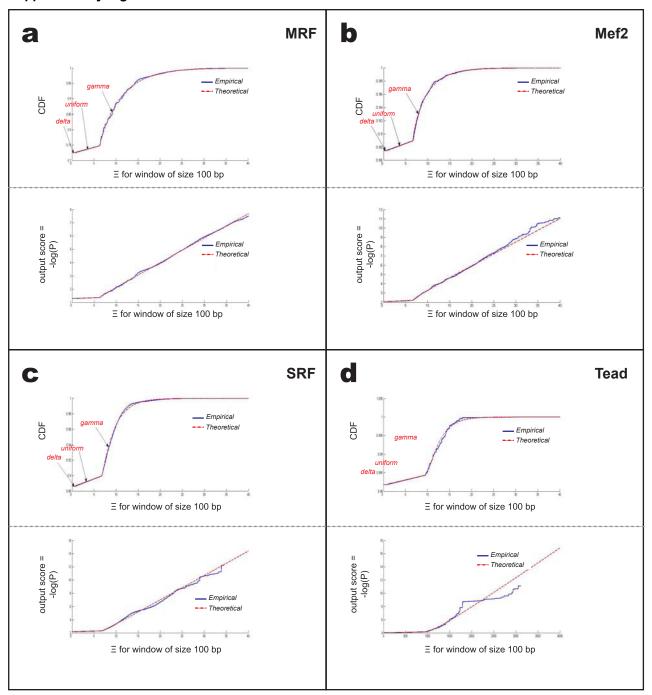
Supplementary Figure 2



Supplementary Figure 2. Comparisons between the empirical and the fitted mixture of Delta, Uniform and Gamma distributions.

- (a) **Upper panel** shows empirical cumulative distribution function (CDF) for MRF (in blue) and the corresponding CDF for the fitted mixture model (in red).
- (a) Lower panel shows empirical output score for MRF (in blue) and the corresponding output score for the fitted mixture model (in red).
- (b) **Upper panel** shows empirical CDF for MEF2 (in blue) and the corresponding CDF for the fitted mixture model (in red).
- (b) Lower panel shows empirical output score for MEF2 (in blue) and the corresponding output score for the fitted mixture model (in red);
- (c) **Upper panel** shows empirical CDF for SRF (in blue) and the corresponding CDF for the fitted mixture model (in red).
- (c) Lower panel shows empirical output score for SRF (in blue) and the corresponding output score for the fitted mixture model (in red).
- (d) **Upper panel** shows empirical CDF for TEAD (in blue) and the corresponding CDF for the fitted mixture model (in red).
- (d) Lower panel shows empirical output score for TEAD (in blue) and the corresponding output score for the fitted mixture model (in red).