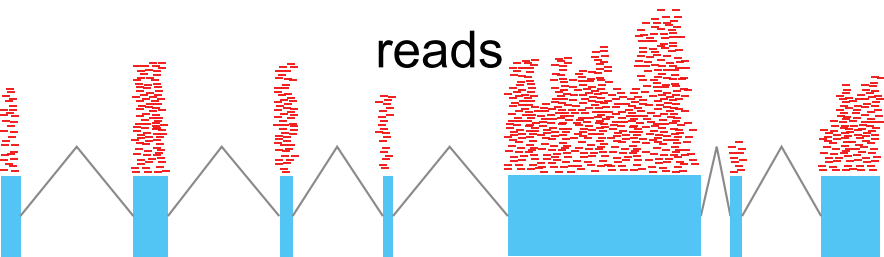


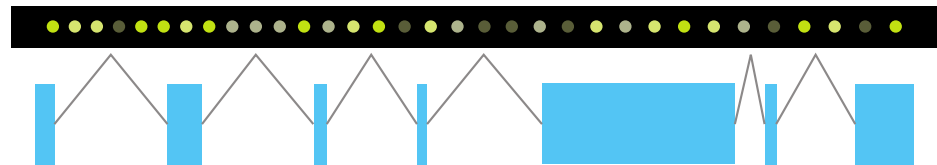
Gene g



RNA-Seq expression estimate

y_g

p_g probes



Vector of probe intensities

$$X_g = (X_{g,1}, X_{g,2}, \dots, X_{g,p_g})^T$$

$$y_g = f(X_g)$$

$$\mathbf{y}_g = f(\mathbf{X}_g), \text{ for } N \text{ samples}$$