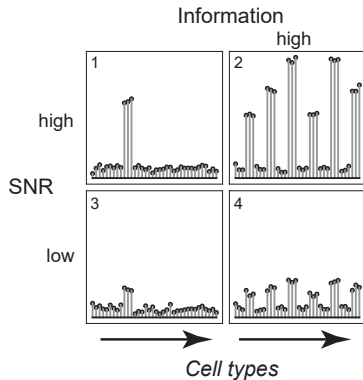
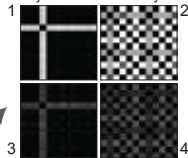


Expression (Signal:  $S$ )



Fold-Change Matrix

$$FC_{ij} = |\log_2(S_i / S_j)|$$

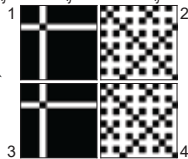


Fold-Change Ratio (FCR)

$$FCR = \frac{\overline{FC_{DM=1}}}{FC_{DM=0}}$$

Differentiation Matrix

$$DM_{ij} = (FC_{ij} > th) \& (q_{ij} < 0.05)$$



Diff. Expressed Fraction (DEF)

$$DEF = \frac{\sum_{i < j} DM_{ij}}{n(n-1)/2}$$

DEF (blue)  
FCR (orange)

