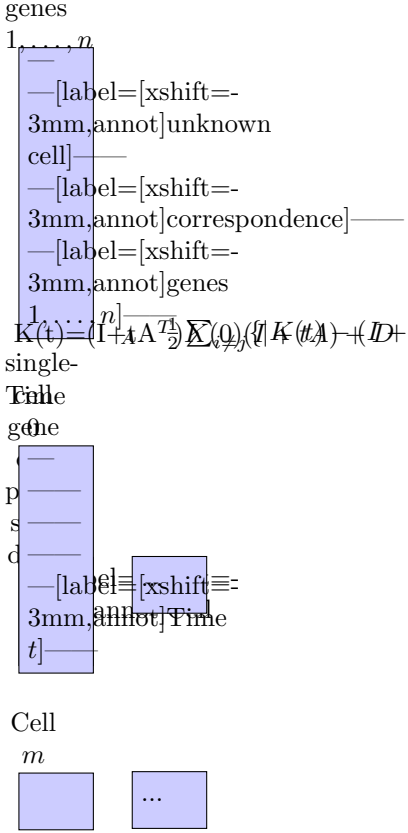

covariance matrices of genes

$$K(t) = (I + tA^T)K(0)(I + tA) + (D + tA^T)K(0)(I + tA)^*_{ij} + \lambda A^2_{ij}|^2$$