Transform cell count 0.0 0.0 Gene variance  $10^{-1}$  $10^{0}$ Gene mean Raw cell count sqrt Transform cell count Gene variance 0.5  $10^{-1}$  $10^{0}$ Gene mean Raw cell count log1pCP10k Transform cell count 0.0 1.0 Gene variance CoV: 2.8 0.5  $r^2$ : 0.68  $10^{0}$ Raw cell count Gene mean scalelog1pCP10k Transform cell count 0.0 0.0 Gene variance CoV: 0.0  $10^{-1}$  $10^{0}$ Gene mean Raw cell count log1pPF Transform cell count 0.0 0.0 Transform cell count 1.0 Gene variance  $10^{-2}$ CoV: 5.2 0.0 0.0  $10^{0}$  $10^{-1}$ 0 0 Raw cell count Spearman r Gene mean Raw cell count Spearman r Gene mean