Marker Gene Distribution after Transformation  $\log(x+1/(4\alpha))$ log(x+1) $a\cosh(2\alpha x + 1)$ Rand. Quant. Resid. Sanity Raw Counts Pearson Resid. Sftpc 400 800 2.5 5.0 7.5 -10 0 1200 0.0 10 10 Scgb1a1 2000 3000 1000 0.0 2.5 5.0 20 -10 10 20 Ear2 20 10 15 0.0 2.5 2.0 2.5 3.0 0.0 0.5 1.5 10 -15 -10 Delta method VST Residual VST Raw Counts