AMY2B 01 Incoming Data 02 Reduced By Cutoff 03 Normalized By Depth 0.6 -0.6 -0.6 -0.4 -0.4 -0.4 -0.2 -0.2 -0.2 -0.0 -0.0 -0.0 10 20 30 40 10 20 30 40 20 30 40 10 0 04 Anscombe Normalization 05 Logtransformed 06 Apply Max Centered Expr Threshold 4 -4 -3 -3 -1.0 -2 -2 -0.5 -1 -1 -0.0 -0 -0 -12 10 2.0 3.5 3.0 8 2.5 2.5 3.5 1.5 3.0 1.5 2.0 07 Smoothed By Chr 08 Recentered Cells By Chr 07 Recentered Cells By Chr 6 -6 -3 -4 -4 -2 -2 -2 -Density 0 0 -0.1 0.2 1.6 1.8 2.0 -0.4 0.1 -0.4 -0.3 -0.2 -0.10.0 0.0 -0.3 -0.1 -0.2 -0.51.4 -0.508 Remove Ref Avg From Obs 09 Invert Log Transform 09 Remove Ref Avg From Obs 8 -8 -9 -6 **-**6 **-**6 -4 -4 -2 -3 -2 -0 -0 -0 -0.8 0.0 0.9 1.0 -0.1 -0.1 0.0 0.7 -0.2 -0.5-0.4-0.3 -0.20.1 1.1 -0.5-0.4-0.30.1 10 Invert Log Transform 10 Denoise 10 Remove Outlier 9 -20 -20 -6 -10 -10 -3 **-**0 -0 -1.0 0.8 0.9 0.8 0.8 1.0 0.7 0.9 1.0 0.9 1.1 0.7 1.1 0.7 1.1 11 Denoise 12 Remove Outlier 13 Mask NonDE 20 -20 -20 -10 -10 -10 -0 -0 -0 -0.7 1.0 0.7 0.8 1.0 0.9 1.0 1.1 0.9 0.8 0.8 0.9 1.1 0.7 1.1 **Expression Levels** Cell Type Observed Reference1 Reference2