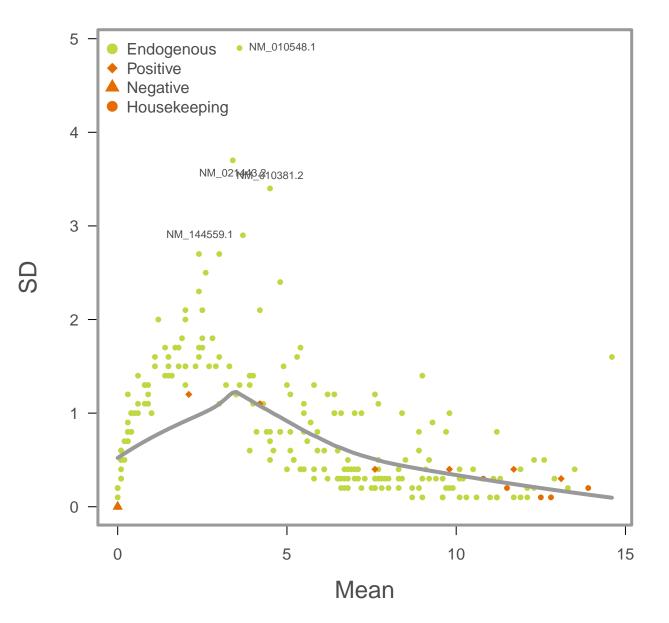
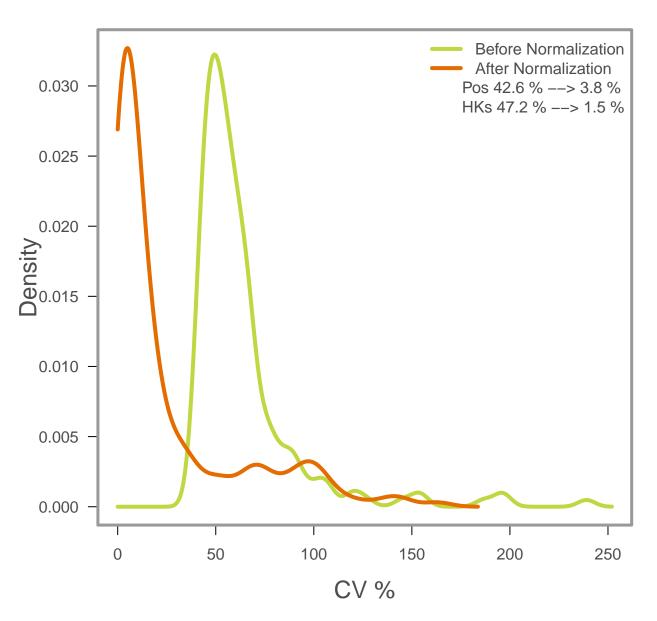
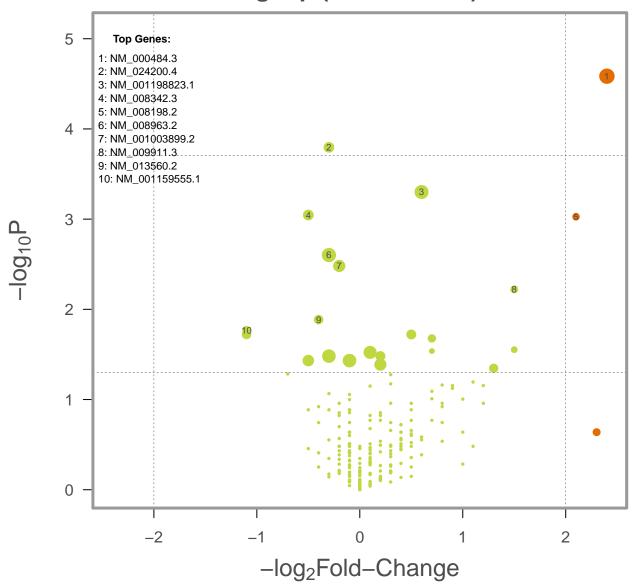
Gene: Mean vs Standard Deviation



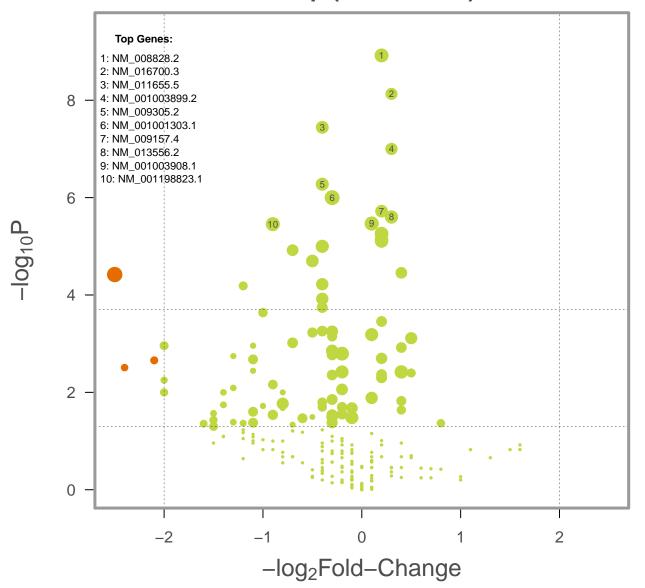
Gene: Coefficient of Variation



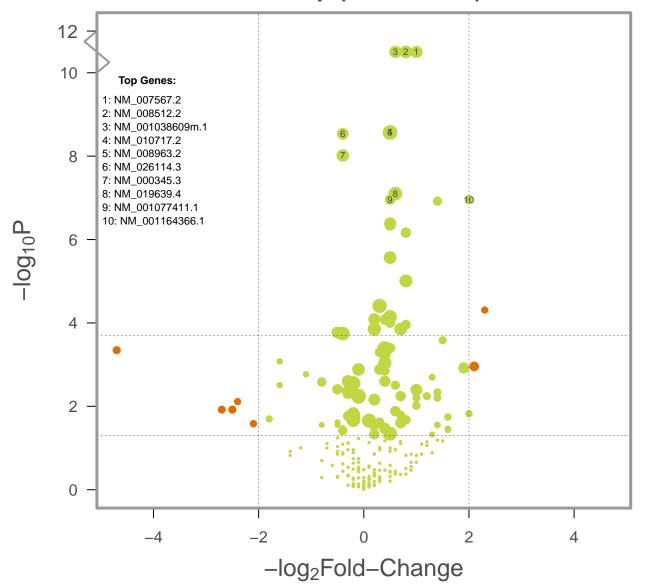
Gene: Differential Expression tgExp (n = 12 vs 15)



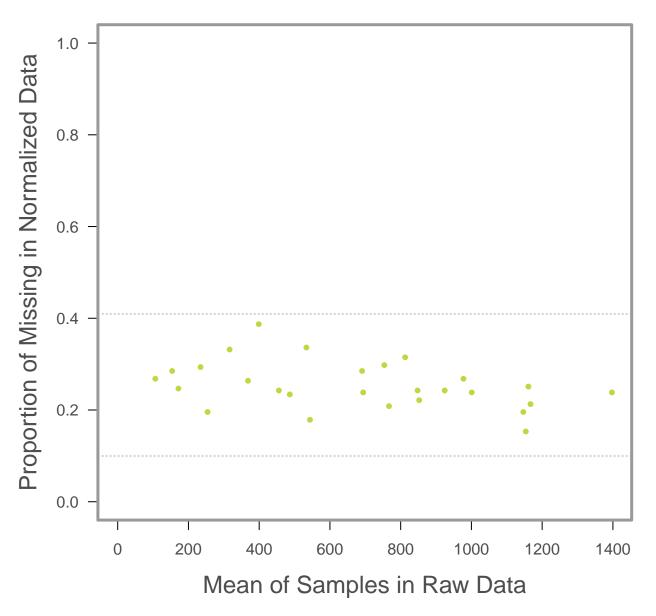
Gene: Differential Expression wtExp (n = 9 vs 18)



Gene: Differential Expression oldExp (n = 6 vs 21)

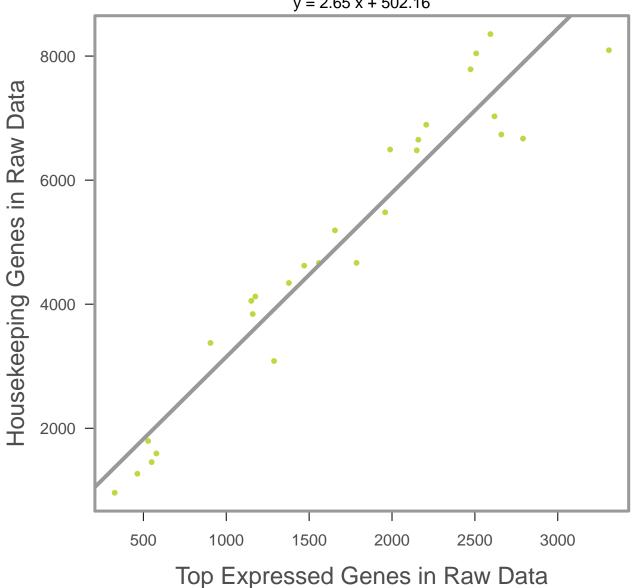


Sample: Missing

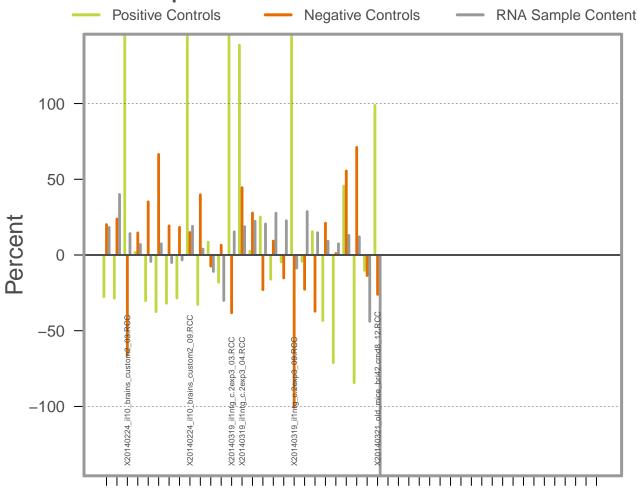


Sample: RNA Content Estimates

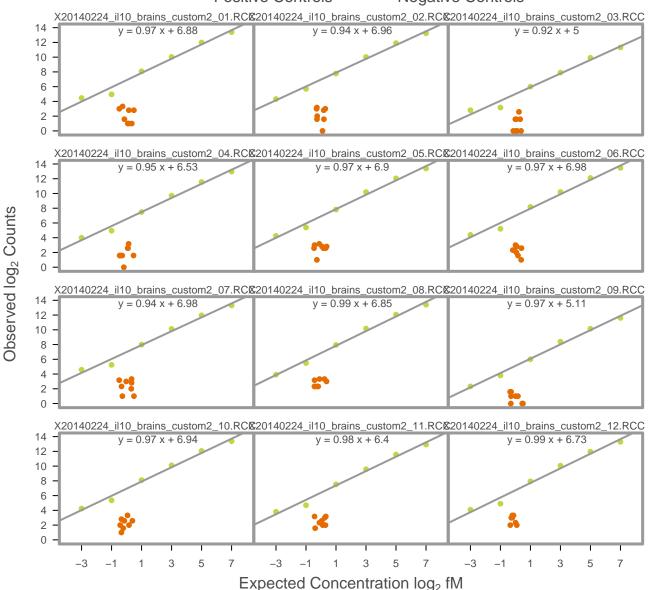
y = 2.65 x + 502.16



Sample: Normalization Parameters



Sample: Positive Controls Positive Controls Negative Controls



Sample: Positive Controls

Positive Controls

Negative Controls X20140319_il1ntg_c.2exp3_04.RCC X20140319_il1ntg_c.2exp3_05.RCC X20140319 il1ntg c.2exp3 03.RCC 14 y = 1.03 x + 5.15y = 0.96 x + 6.52v = 0.89 x + 4.8812 10 8 6 4 X20140319_il1ntg_c.2exp3_06.RCC X20140319_il1ntg_c.2exp3_07.RCC X20140319_il1ntg_c.2exp3_08.RCC 14 y = 1.01 x + 6.13y = 0.93 x + 6.83y = 1.02 x + 6.4812 10 8 Observed log₂ Counts X20140319_il1ntg_c.2exp3_09.RCC X20140319_il1ntg_c.2exp3_11.RCC X20140319_il1ntg_c.2exp3_12.RCC y = 1.03 x + 3.88y = 0.96 x + 6.62y = 0.95 x + 6.3712 10 X20140321_old_mice_bri42.crnd8_07.R0x20140321_old_mice_bri42.crnd8_08.R0x20140321_old_mice_bri42.crnd8_09.RCC 14 y = 0.99 x + 7.01y = 0.96 x + 7.32y = 0.98 x + 5.9612 10 8 6

-3

3

5 7 -3 -1 1 3 5 7 -3 -1 1 3 5 7

Expected Concentration log₂ fM

Sample: Positive Controls Positive Controls Negative Controls

