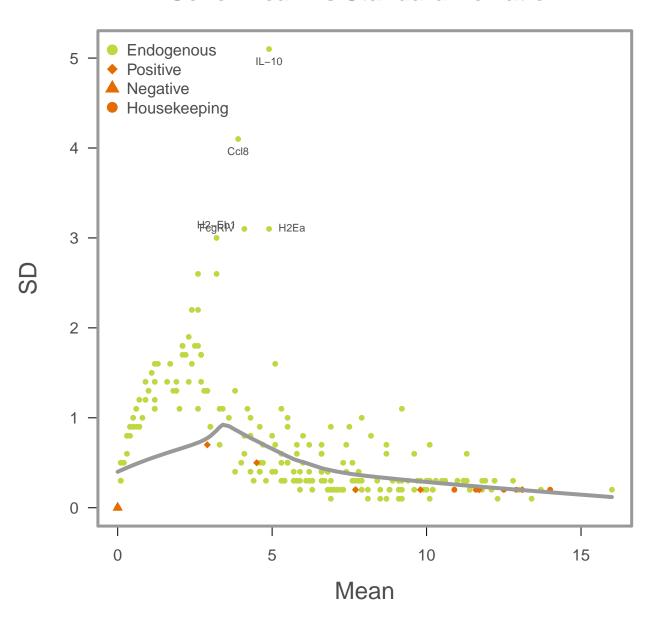
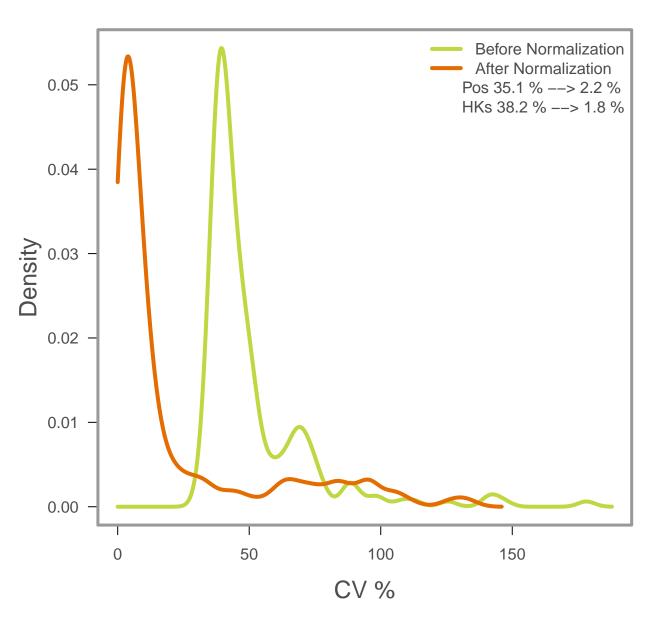
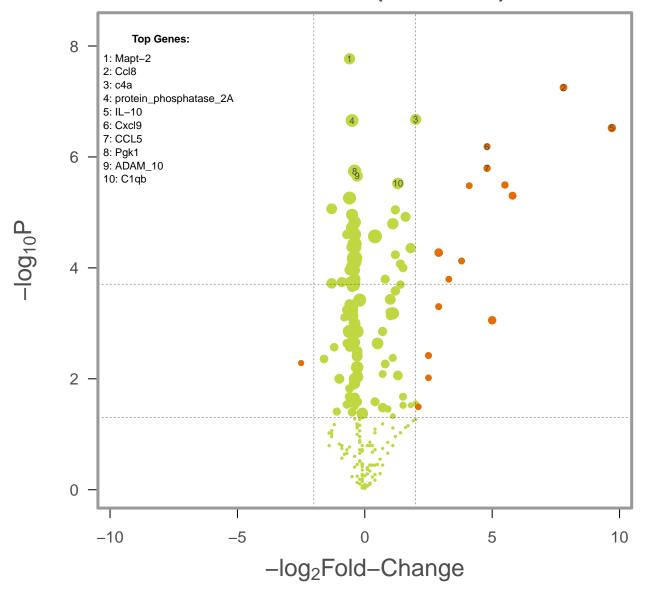
Gene: Mean vs Standard Deviation



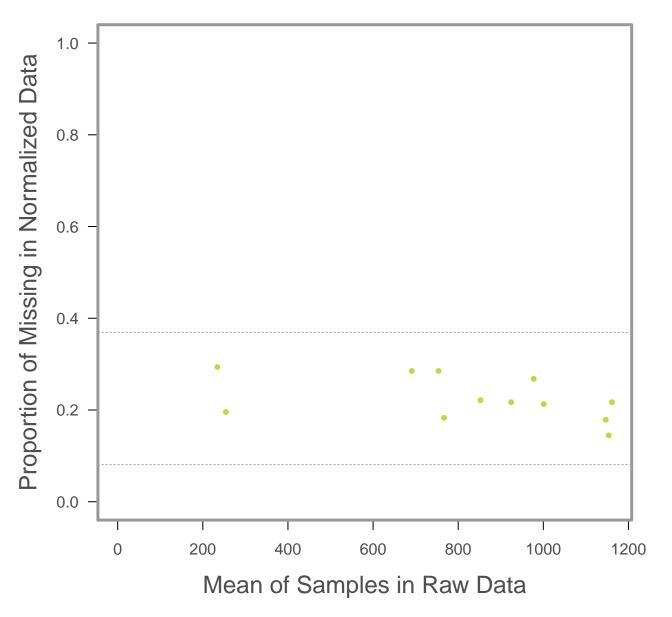
Gene: Coefficient of Variation



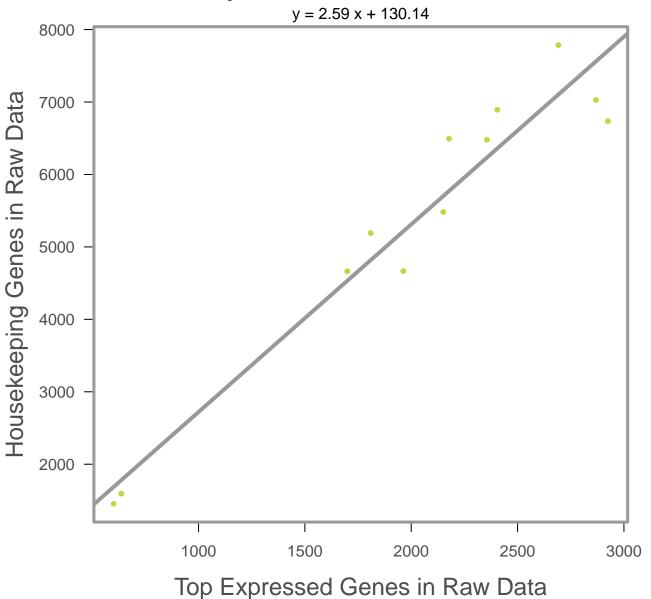
Gene: Differential Expression IL10vsCTRL (n = 6 vs 6)



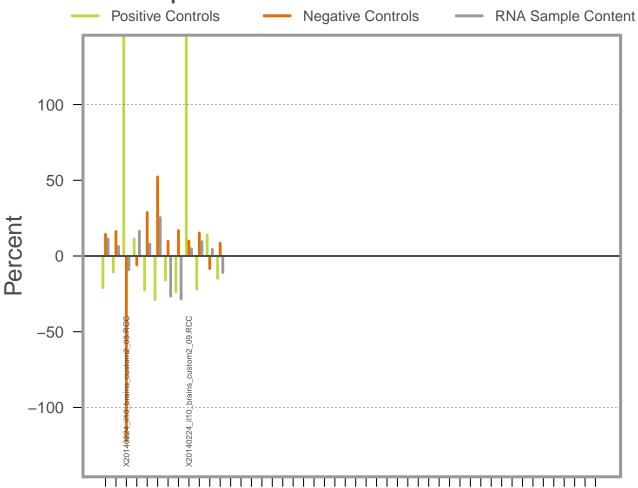
Sample: Missing



Sample: RNA Content Estimates



Sample: Normalization Parameters



Sample: Positive Controls Positive Controls Negative Controls

X20140224_il10_brains_custom2_01.RC&20140224_il10_brains_custom2_02.RC&20140224_il10_brains_custom2_03.RCC y = 0.94 x + 6.96v = 0.97 x + 6.88v = 0.92 x + 512 10 8 6 X20140224_il10_brains_custom2_04.RC&20140224_il10_brains_custom2_05.RC&20140224_il10_brains_custom2_06.RCC y = 0.95 x + 6.53y = 0.97 x + 6.9y = 0.97 x + 6.9812 10 8 Observed log₂ Counts X20140224_il10_brains_custom2_07.RC&20140224_il10_brains_custom2_08.RC&20140224_il10_brains_custom2_09.RCC y = 0.94 x + 6.98y = 0.99 x + 6.85y = 0.97 x + 5.1112 10 X20140224_il10_brains_custom2_10.RC&20140224_il10_brains_custom2_11.RC&20140224_il10_brains_custom2_12.RCC 14 v = 0.97 x + 6.94y = 0.98 x + 6.4y = 0.99 x + 6.7312 10 8 6 -3 3 5 7 5 7 Expected Concentration log₂ fM