Sex chromosome vs autosomes Down FB DE MB vs FB FDR=0.05 logFC=2 FDR=0.05 logFC=2 159 147 140 150 142 152 Obs Exp Obs Exp 120 100 Gene number 80 9 20 40 25 27 20 20 20 Chr1 Chr1 Chr other Chr other chisq = 0.16chisq = 0.29