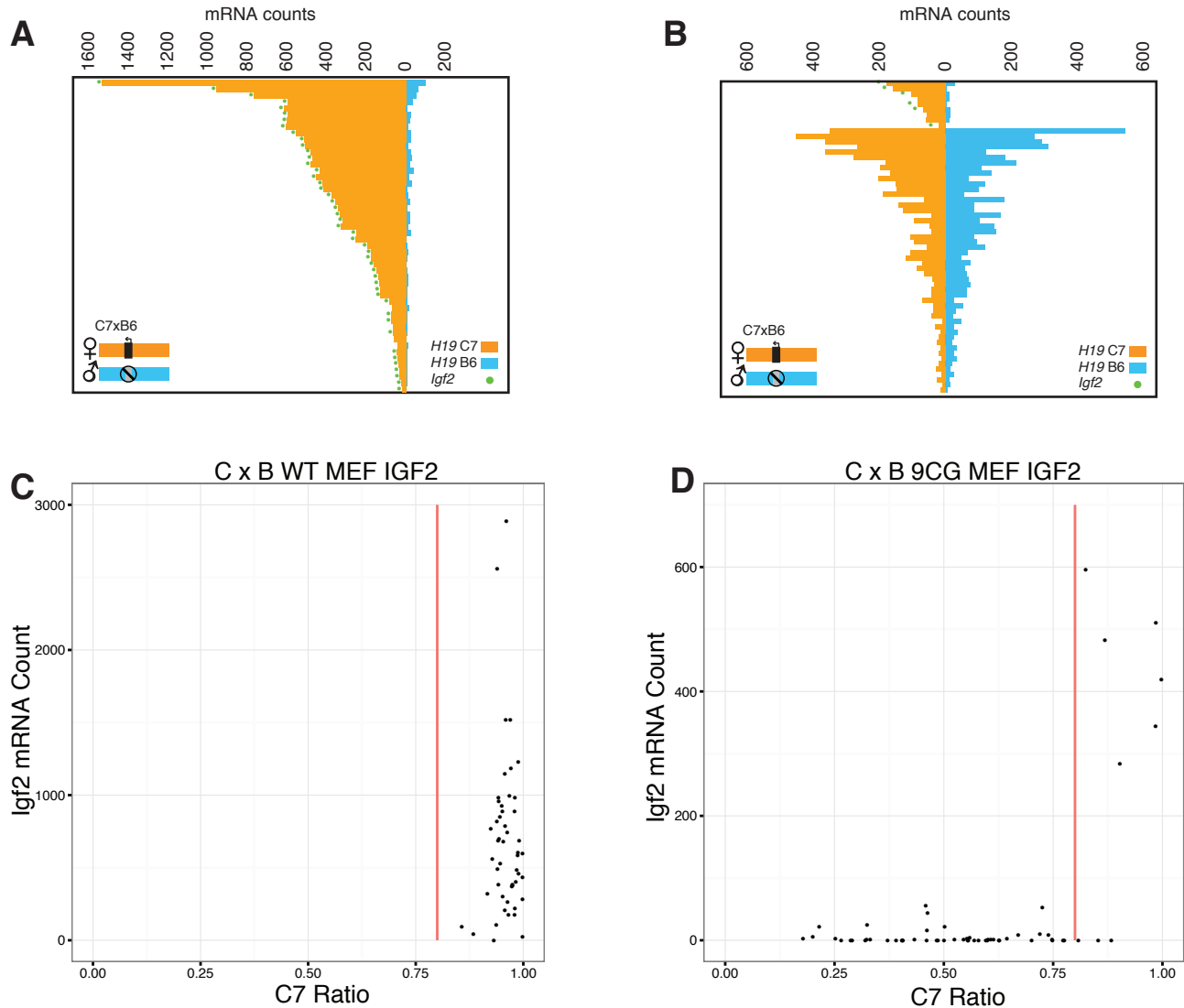


Supplementary Figure 4



Supplementary Figure 4. *Igf2* expression in monoallelic and biallelic MEFs. A. *Igf2* expression (green dots) and *H19* expression (horizontal bars) in C7xB6 wild-type MEFs. B. *Igf2* expression (green dots) and *H19* expression (horizontal bars) in C7xB6 *H19*^{+/DMD-9CG} mutant MEFs. C. Scatter-plot showing *H19* C7 expression bias versus total *Igf2* expression. Most cells have a C7/total *H19* expression ratio greater than 0.8, suggesting 0.8 as the cutoff for monoallelic *H19* expression. D. The *H19* C7 distribution and total *Igf2* RNA expression for C7xB6 *H19*^{+/DMD-9CG} mutant MEFs. Only monoallelic cells express *Igf2* but not all monoallelic cells express *Igf2*.