Figure 2: Positive Selection in Dog Domestication
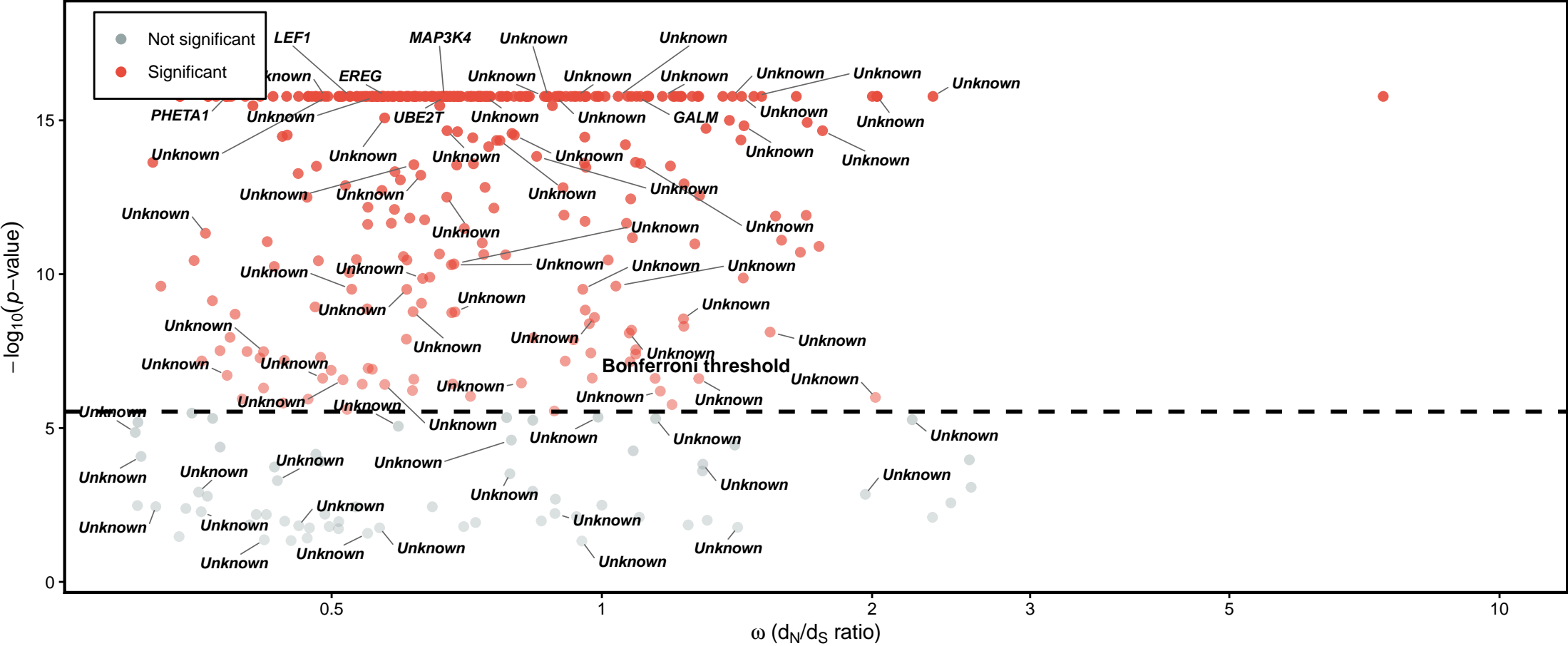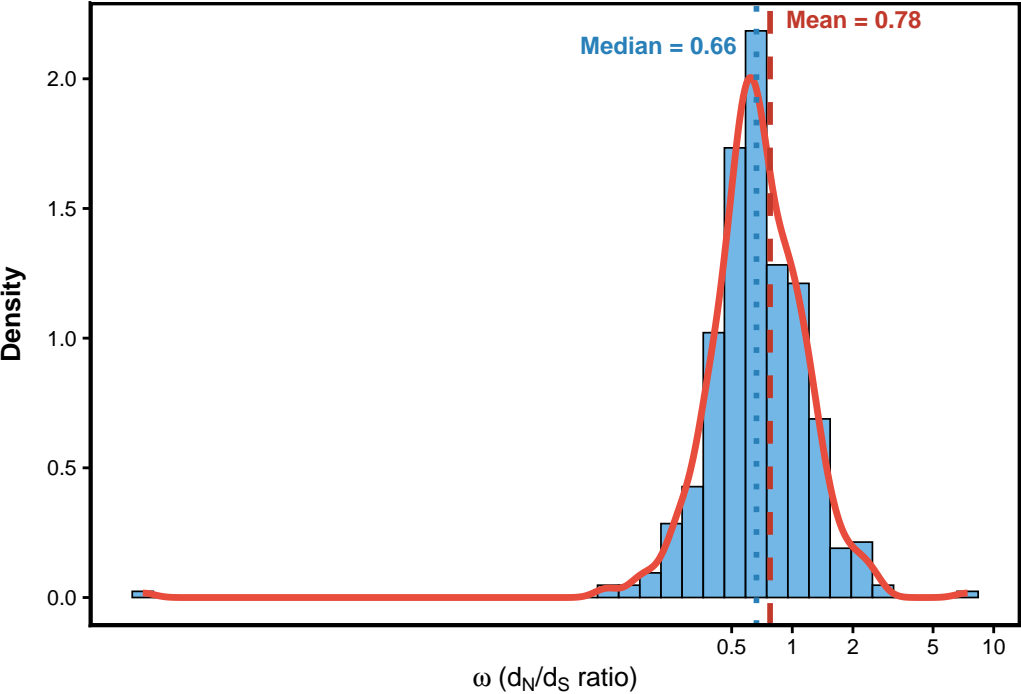
401 genes under significant positive selection (Bonferroni−corrected, p < 2.93×10..)

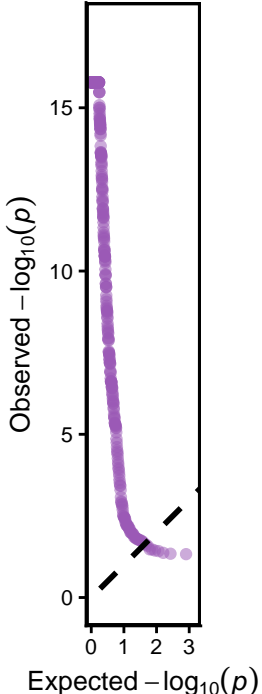**A. Genome−Wide Selection Analysis**

B. Distribution of ω

C. Q−Q Plot: p−value Distribution

D. Top 10 Selected Genes

Gene	p−value	.
LEF1	1.7e−16	0.52
PHETA1	1.7e−16	0.38
TMEM74B	1.7e−16	0.59
ASAP1	1.7e−16	0.19
MAP3K4	1.7e−16	0.67
ADAMTS6	1.7e−16	0.39
UBE2T	1.7e−16	0.67
EREG	1.7e−16	0.58
Unknown	1.7e−16	0.50
GALM	1.7e−16	1.09