This document contains all results obtained by the libSVM grid search. This results were used to determine the best C and γ parameters for each model.
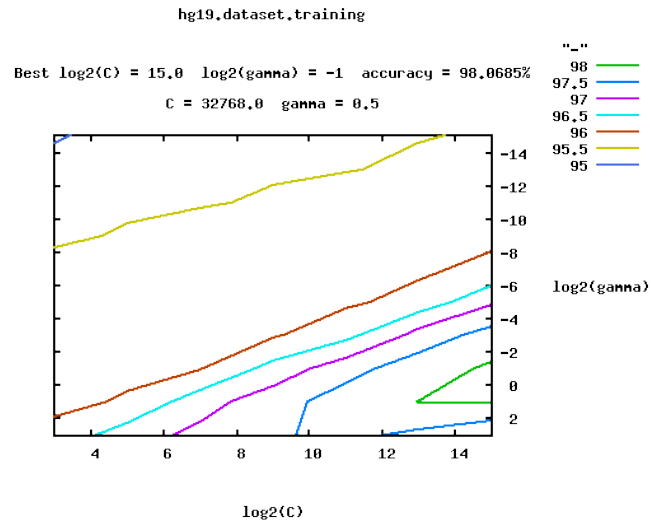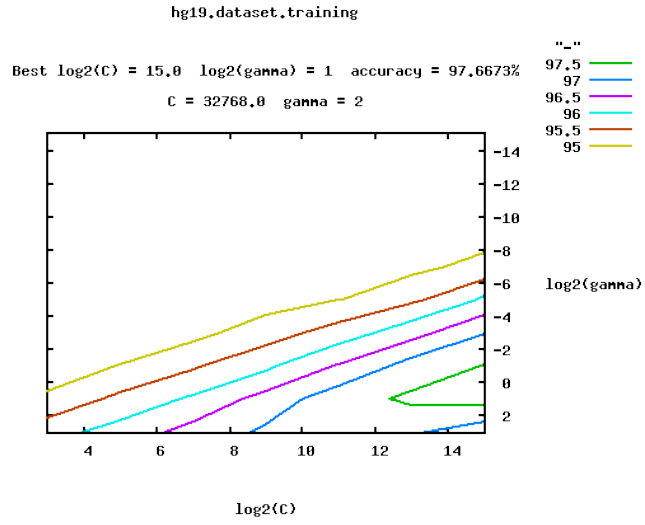

Figure 1: GRCh37 data using first ORF.

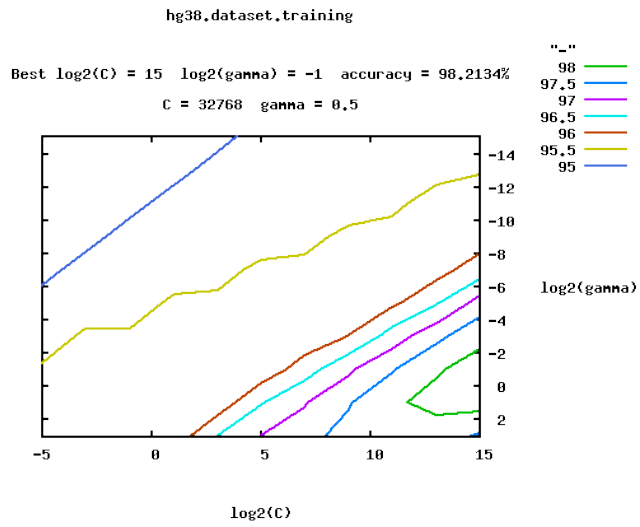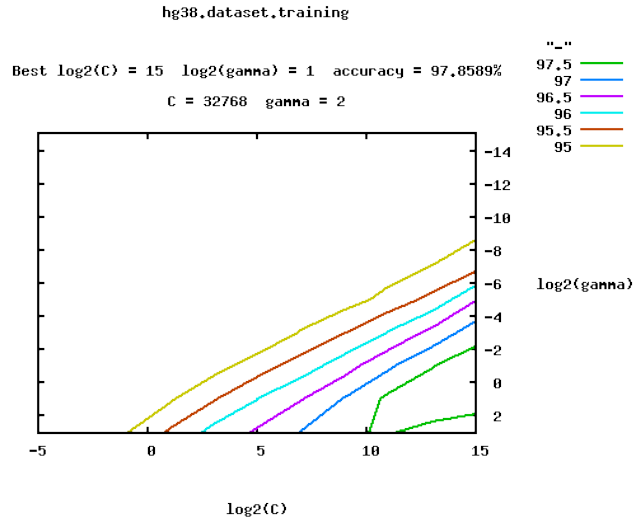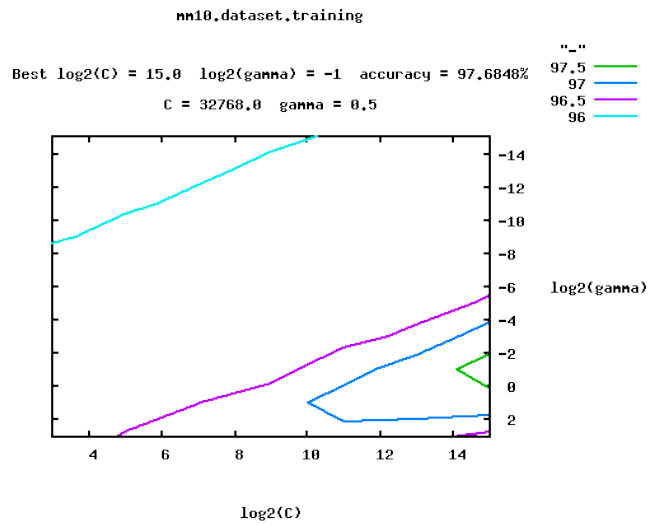Figure 2: GRCh37 data using longest ORF.

Figure 3: GRCh38 data using first ORF.

2

Figure 4: GRCh38 data using longest ORF.

Figure 5: GRCm38 data using first ORF.

mm10.dataset.training

Best log2(C) = 13.0 log2(gamma) = 1 accuracy = 97.3557%

C = 8192.0 gamma = 2

Figure 6: GRCm38 data using longest ORF.

hg19_mm10.dataset.training

Best log2(C) = 15.0 log2(gamma) = 1 accuracy = 98.0529%

C = 32768.0 gamma = 2

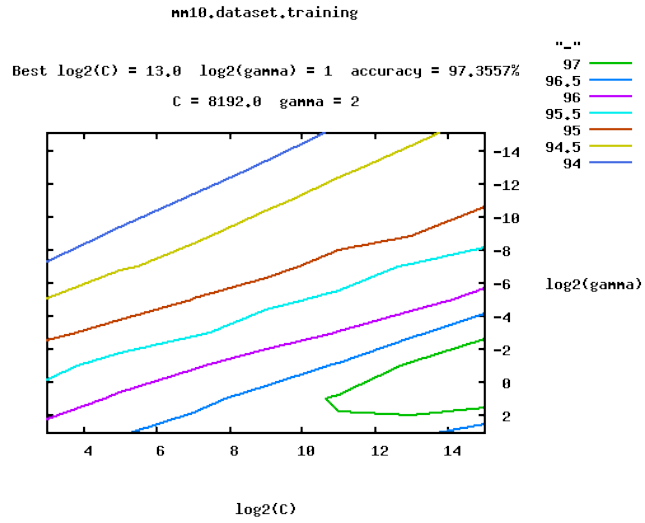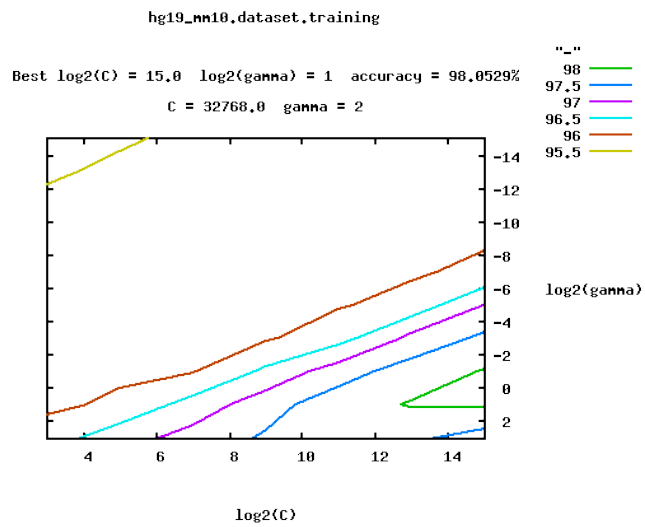Figure 7: GRCh37 and GRCm38 data using first ORF.
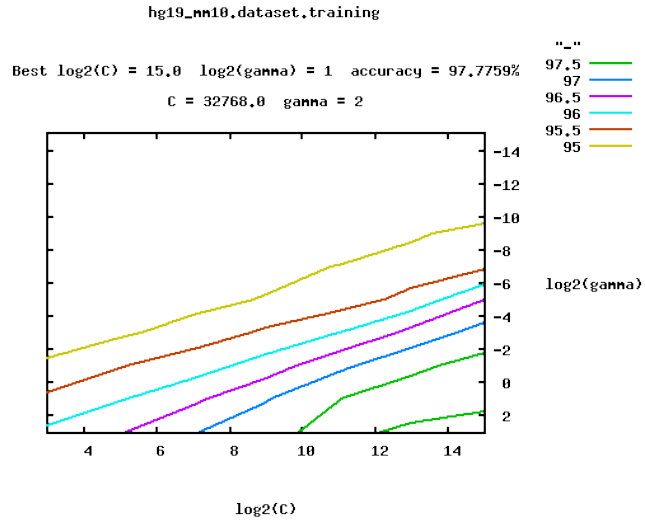
4

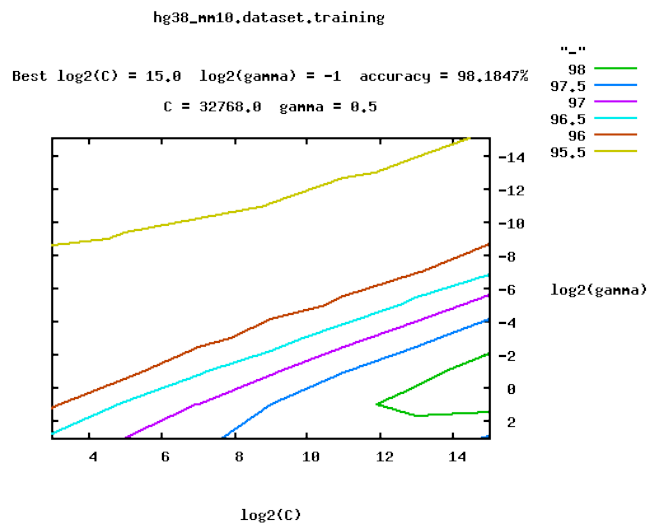Figure 8: GRCh37 and GRCm38 data using longest ORF.
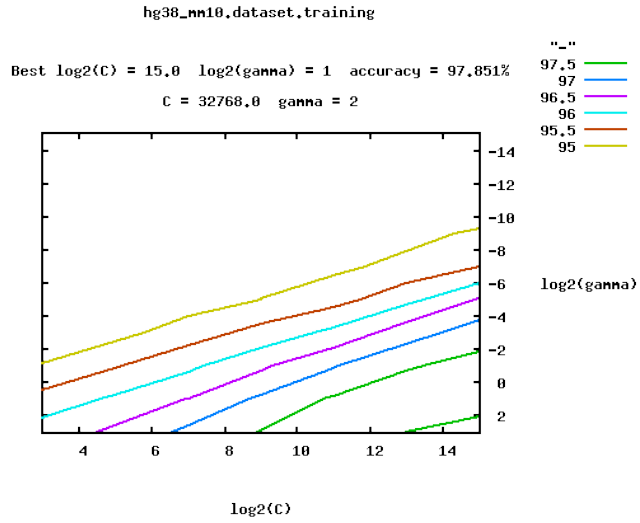

Figure 9: GRCh38 and GRCm38 data using first ORF.
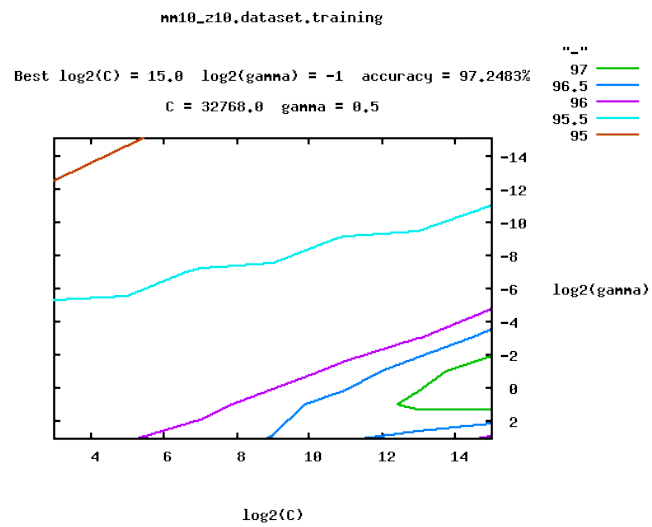
Figure 10: GRCh38 and GRCm38 data using longest ORF.

Figure 11: GRCm38 and GRCz10 data using first ORF.