

Ames vs. Ames Ancestor Sequences

There are 19 SNPs, 13 of which occur alongside genes or in introns (GSNPs). They appear to be distributed throughout. Additionally, there are 12 indels, 9 of which are (GIndels). The ames sequence is 126 bases shorter than the ancestor sequence. Of the ames ancestor bases, 107 are unaligned. These were removed in two parts, one from the middle and one from the end to form the ames sequence. In the figure below, the ames sequence is on the y axis and the ames ancestor sequence is on the x axis. It appears that the middle removal occurs somewhere around 1,200,000 bases. This section could be the portion of the sequence that is virulent.

