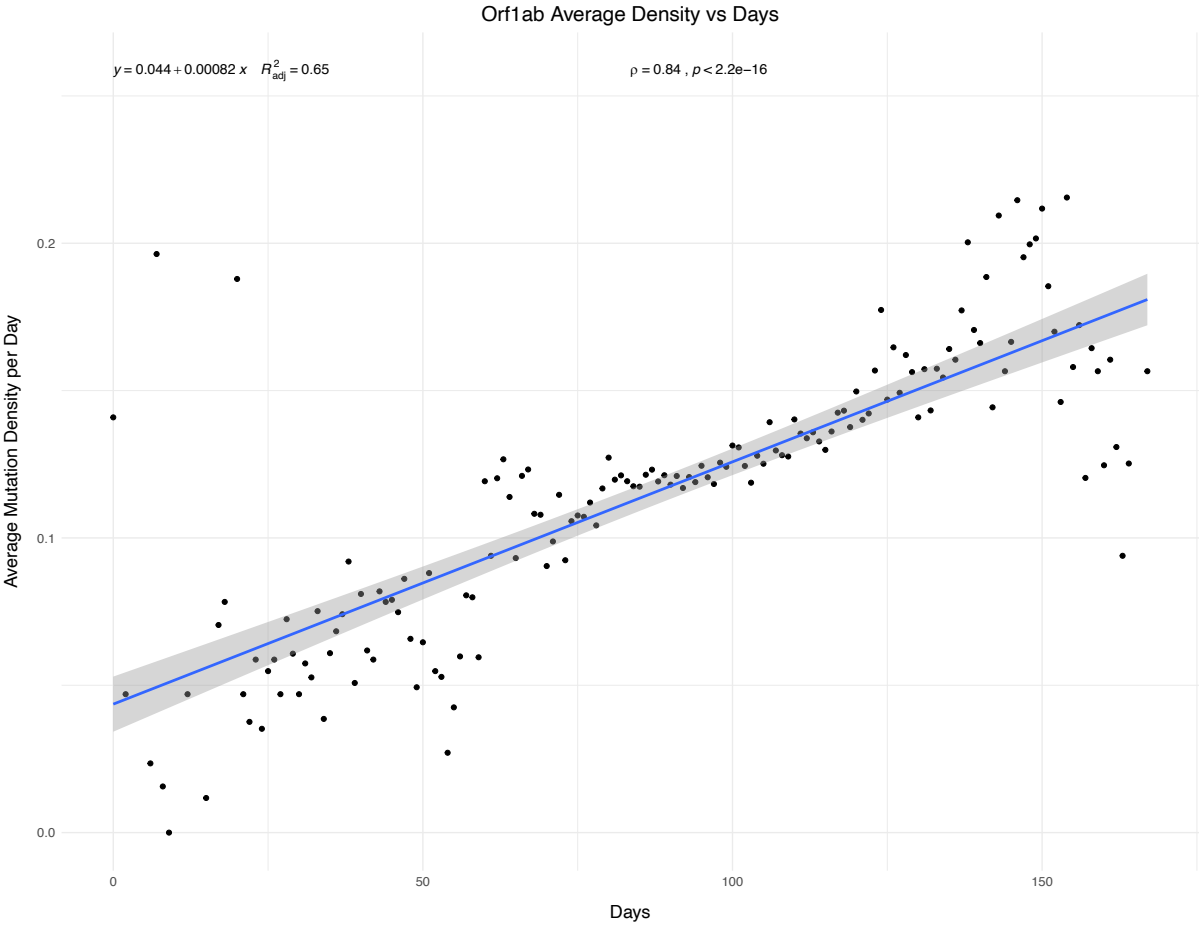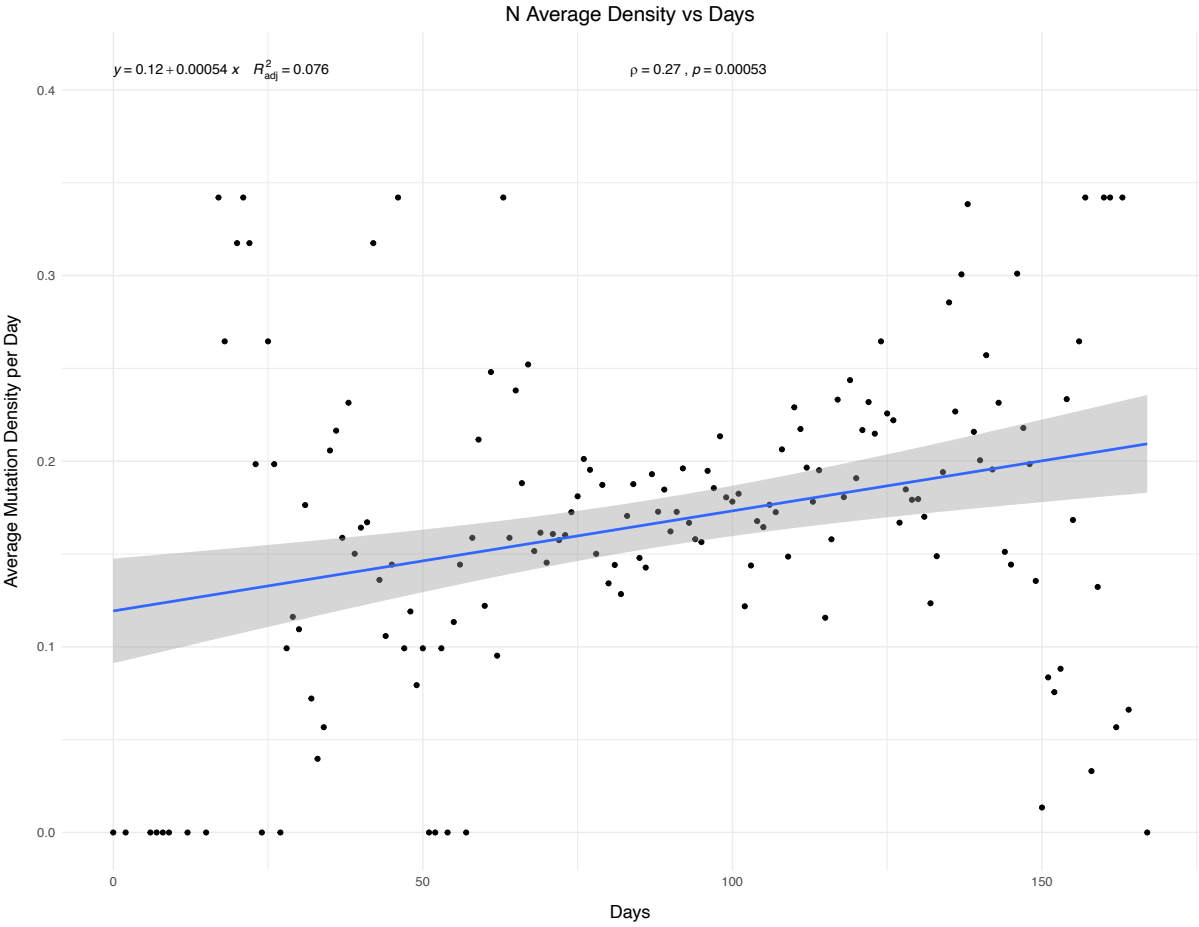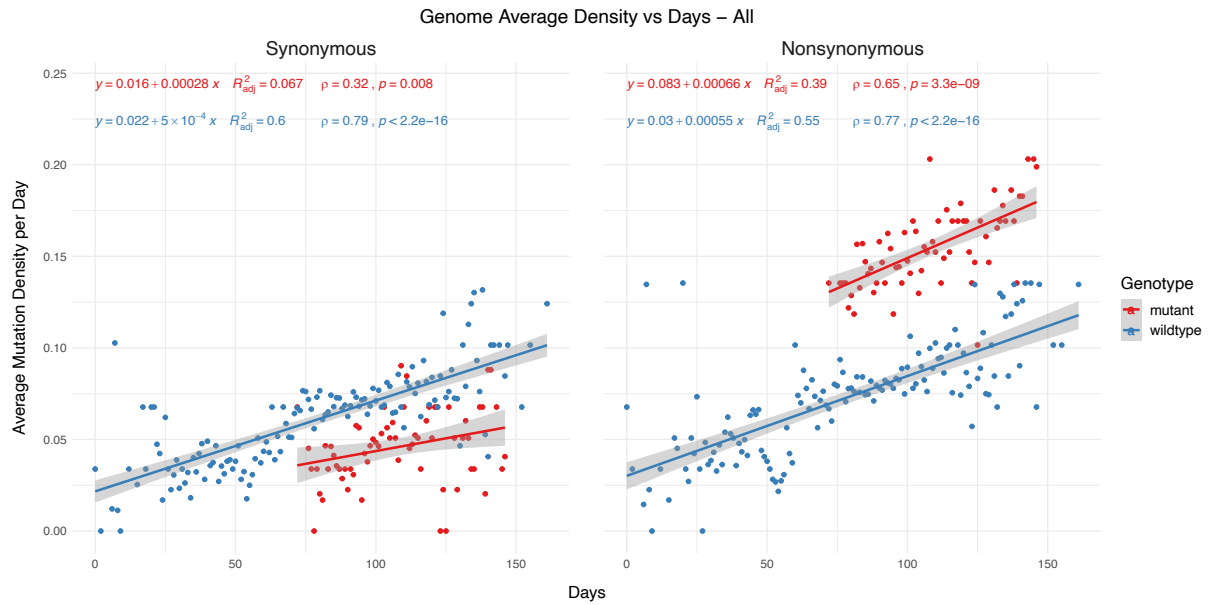**Supplementary Figure 1**

Supplementary Figure 1. The distribution of daily mutation density averages in Orf1ab gene. Correlation scores are calculated using Spearman rank correlation.

Supplementary Figure 2

Supplementary Figure 2. The distribution of daily mutation density averages in N gene.

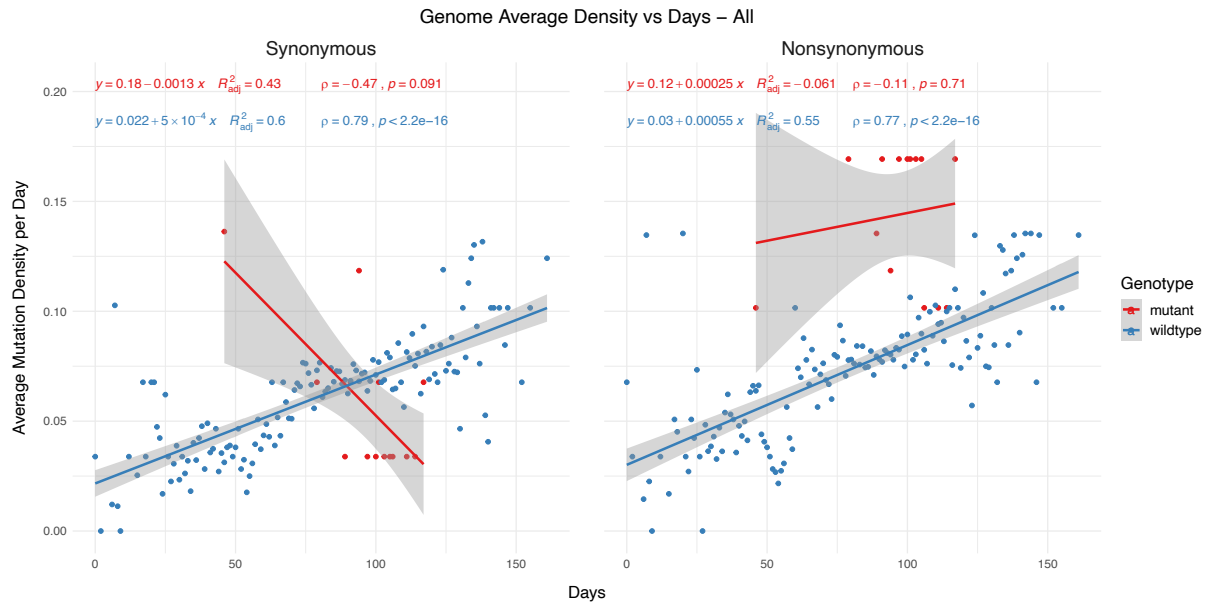Correlation scores are calculated using Spearman rank correlation.

Supplementary Figure 3

Supplementary Figure 3. The distribution of synonymous and nonsynonymous mutations in isolates carrying 11916C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.
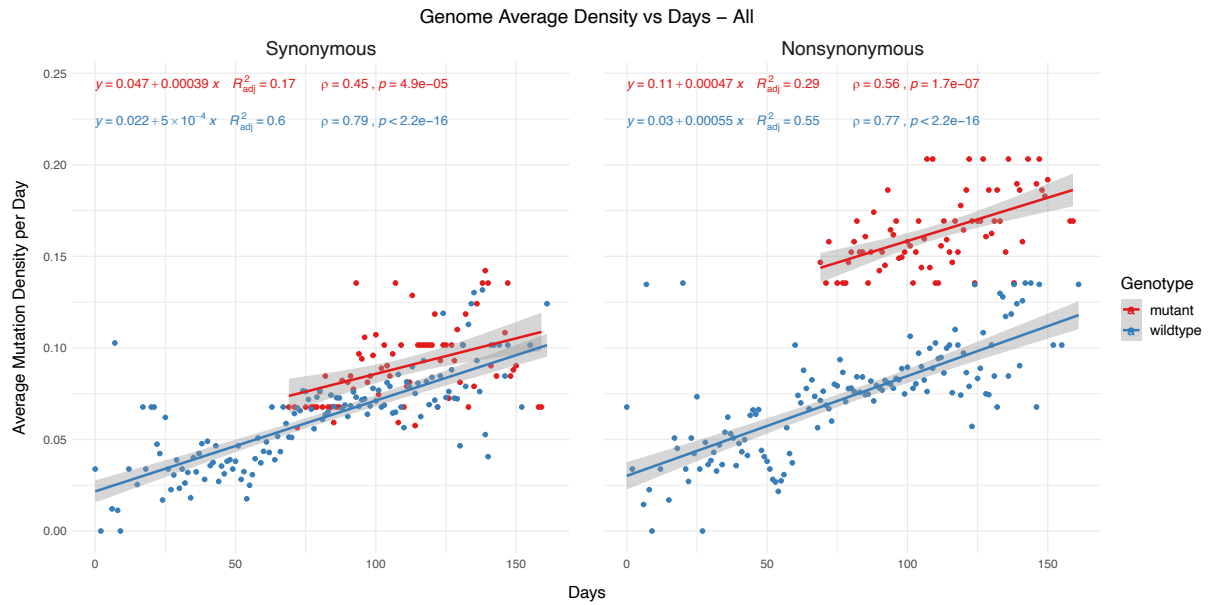
Supplementary Figure 4

Supplementary Figure 4. The distribution of synonymous and nonsynonymous mutations in isolates carrying 12073C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.

Supplementary Figure 5

Genome Average Density vs Days – All

Supplementary Figure 5. The distribution of synonymous and nonsynonymous mutations in isolates carrying 13536C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.
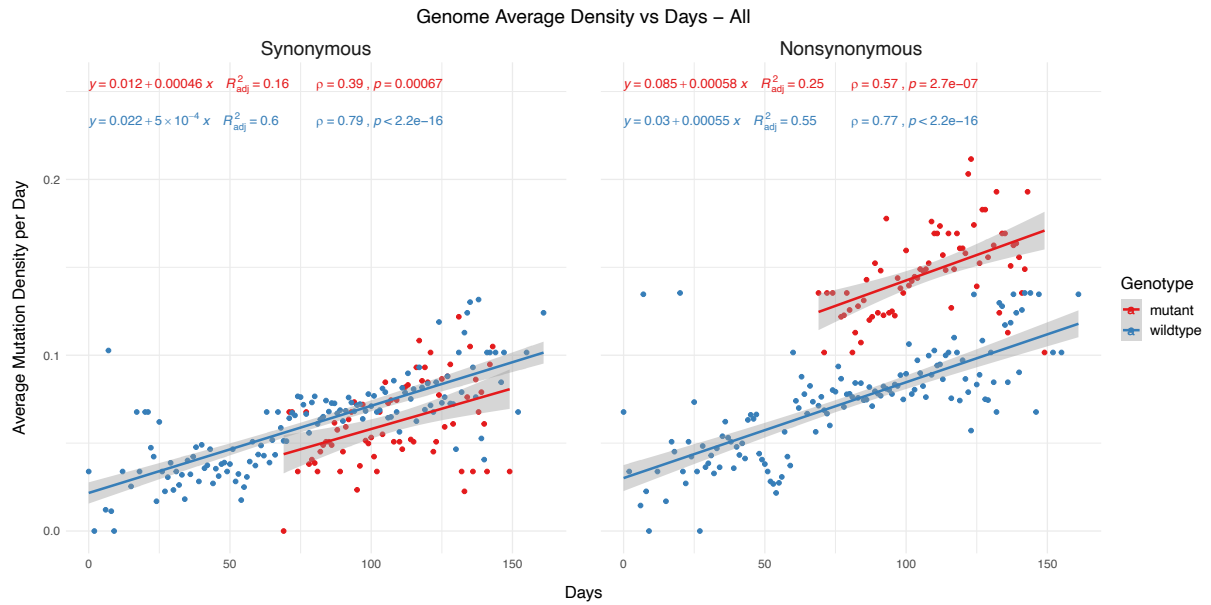
Supplementary Figure 6

Supplementary Figure 6. The distribution of synonymous and nonsynonymous mutations in isolates carrying 13730C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.
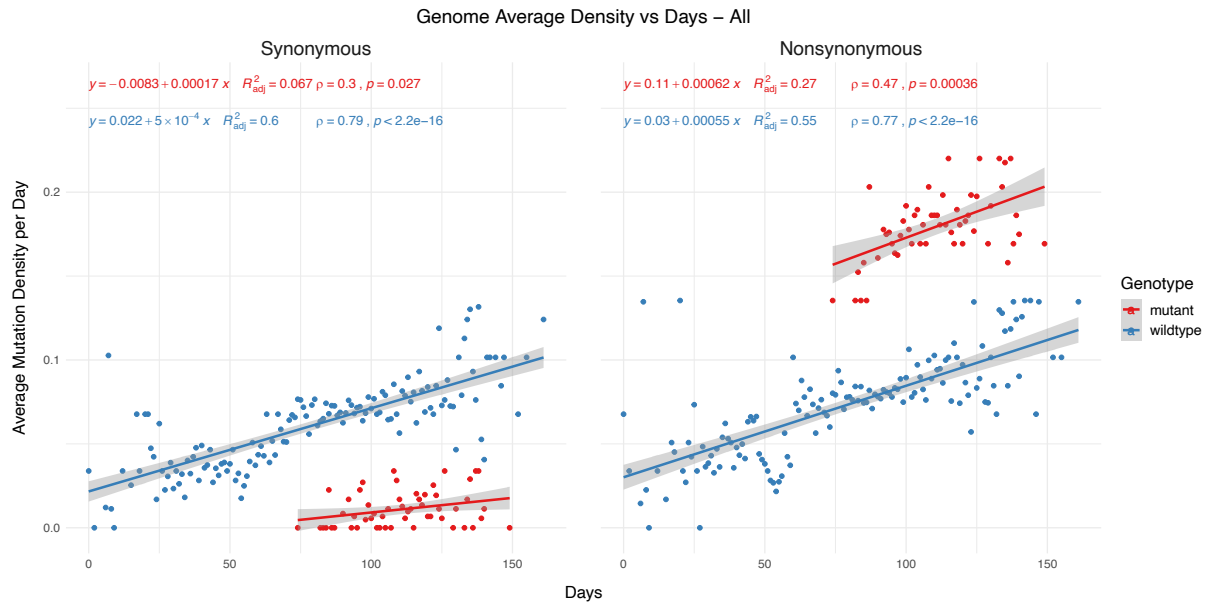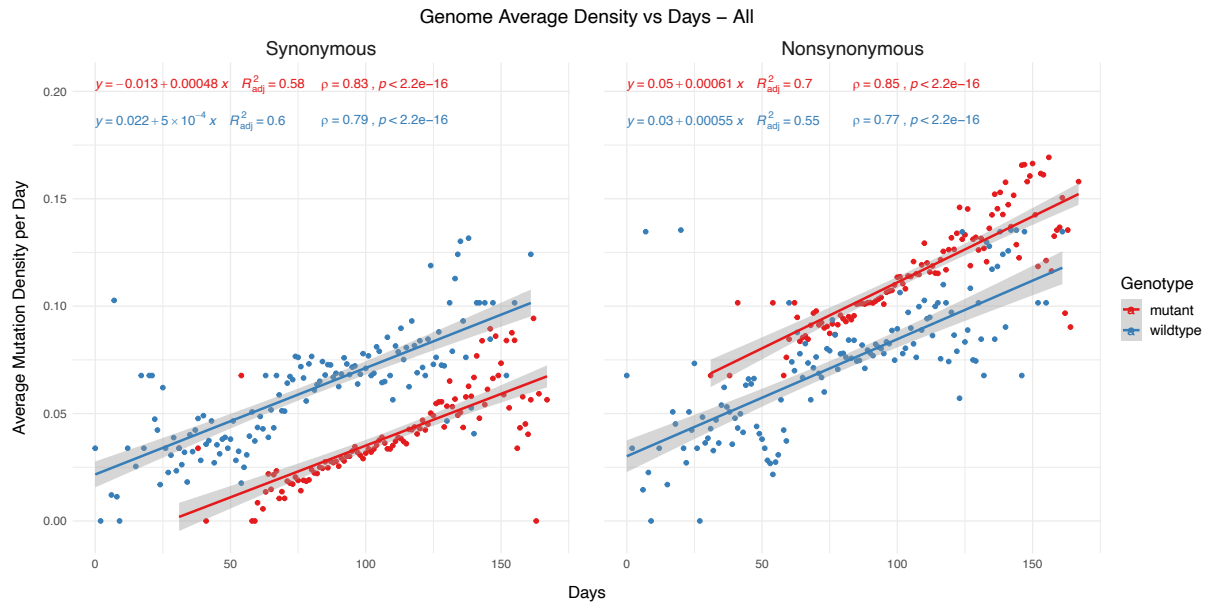
Supplementary Figure 7

Supplementary Figure 7. The distribution of synonymous and nonsynonymous mutations in isolates carrying 13862C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.

Supplementary Figure 8

Supplementary Figure 8. The distribution of synonymous and nonsynonymous mutations in isolates carrying 14408C>T mutation compared to wildtype isolates. Correlation scores are calculated using Spearman rank correlation.