

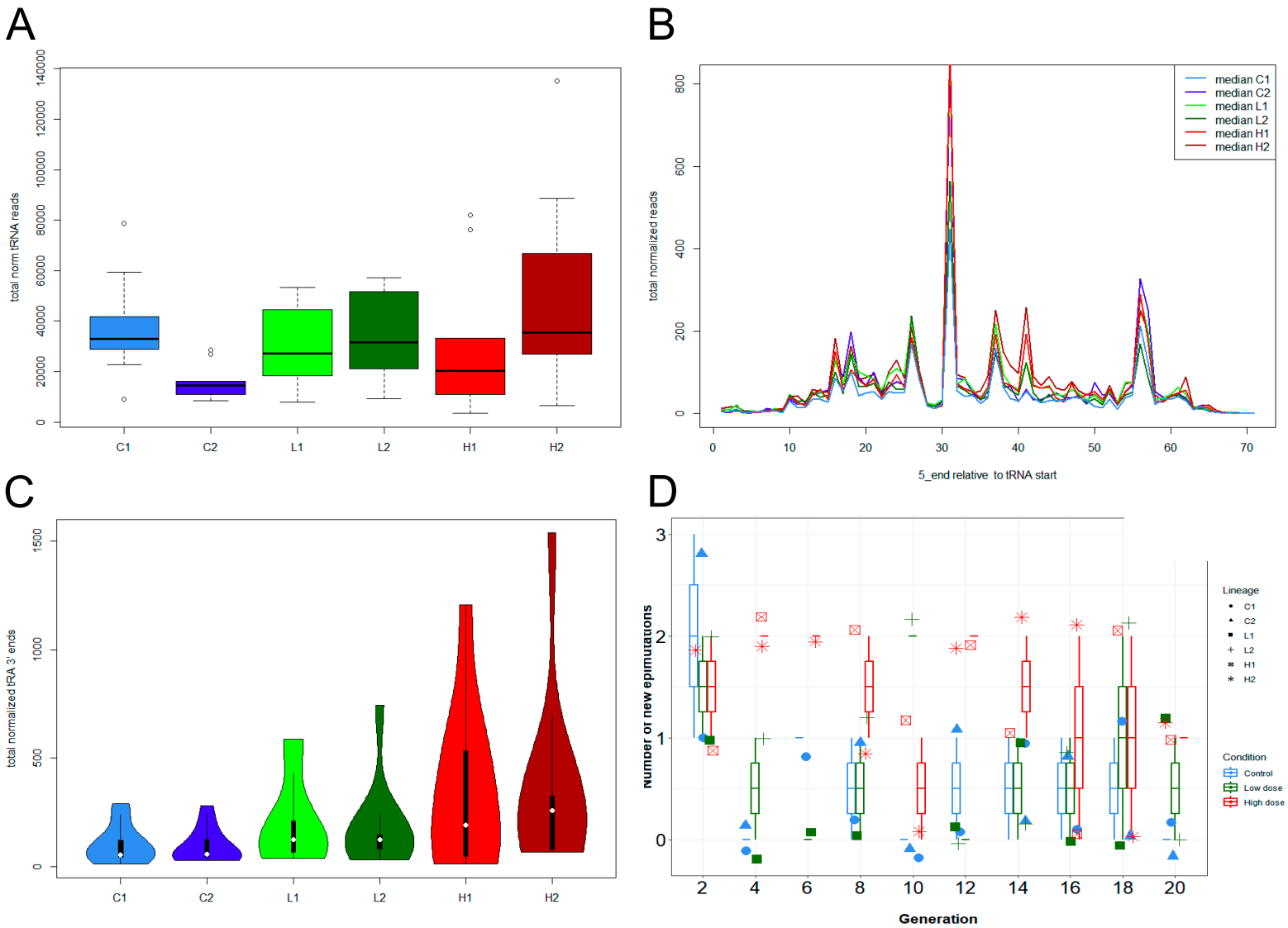


**Fig. S8: Cisplatin effects on tRNAs.** A. Total normalized reads that mapped to tRNAs in each lineage: control 1 (blue, N = 11), control 2 (light blue, N = 10), cisplatin low dose 1 (green, N = 10), cisplatin low dose 2 (dark green, N = 10), cisplatin high dose 1 (red, N = 10) and cisplatin high dose 2 (dark red, N = 11). B. Total normalized reads represented according to their mapping positions on the respective tRNA sequence and in each different lineage: control 1 (blue, N = 11), control 2 (light blue, N = 10), cisplatin low dose 1 (green, N = 10), cisplatin low dose 2 (dark green, N = 10), cisplatin high dose 1 (red, N = 10) and cisplatin high dose 2 (dark red, N = 11). C. Violin plot of total normalized tRNAs mapping specifically to the 3' half of the tRNAs in the different lineage: control 1 (blue, N = 11), control 2 (light blue, N = 10), cisplatin low dose 1 (green, N = 10), cisplatin low dose 2 (dark green, N = 10), cisplatin high dose 1 (red, N = 10) and cisplatin high dose 2 (dark red, N = 11). D. Boxplot of the number of new epimutations affecting tRNAs fragments arising at each generation of the MA lines compared to the pre-mutation generation F0 and for each lineage: control 1 (blue, N = 10), control 2 (light blue, N = 9), cisplatin low dose 1 (green, N = 9), cisplatin low dose 2 (dark green, N = 9), cisplatin high dose 1 (red, N = 9) and cisplatin high dose 2 (dark red, N = 10). Supporting data is provided in the excel file: "Additional file 33".

**Figure S8**