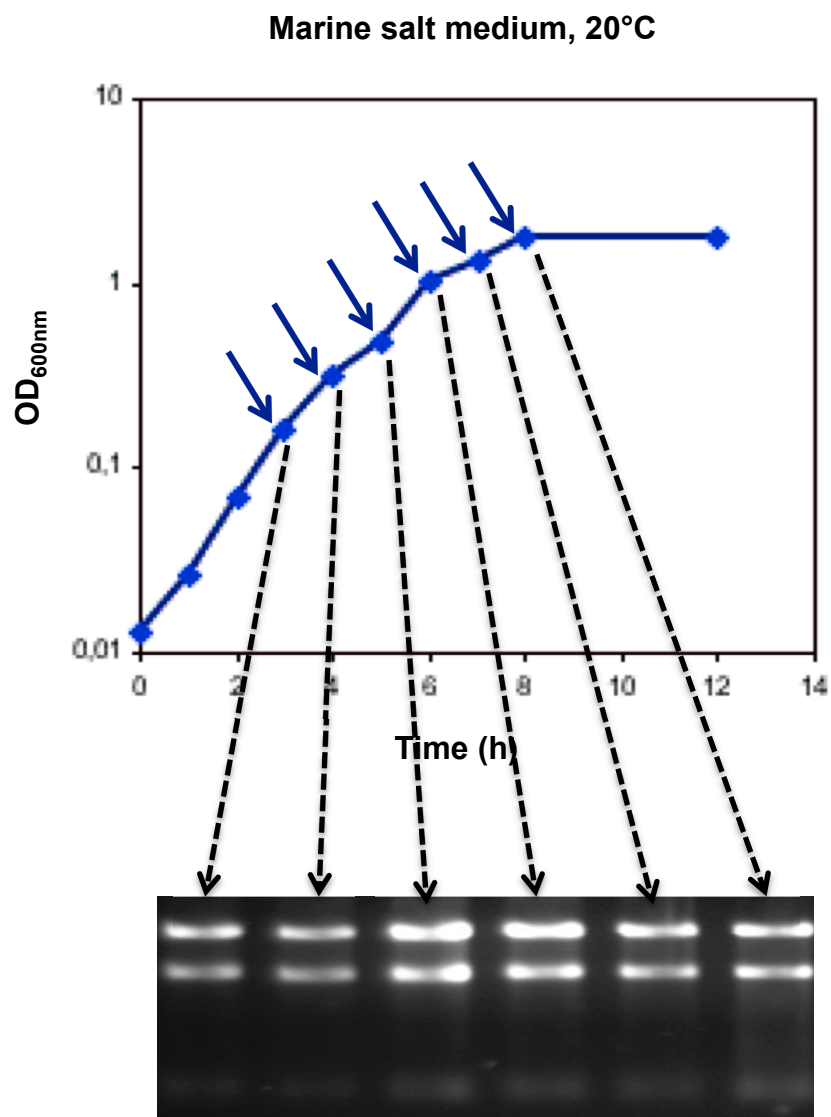




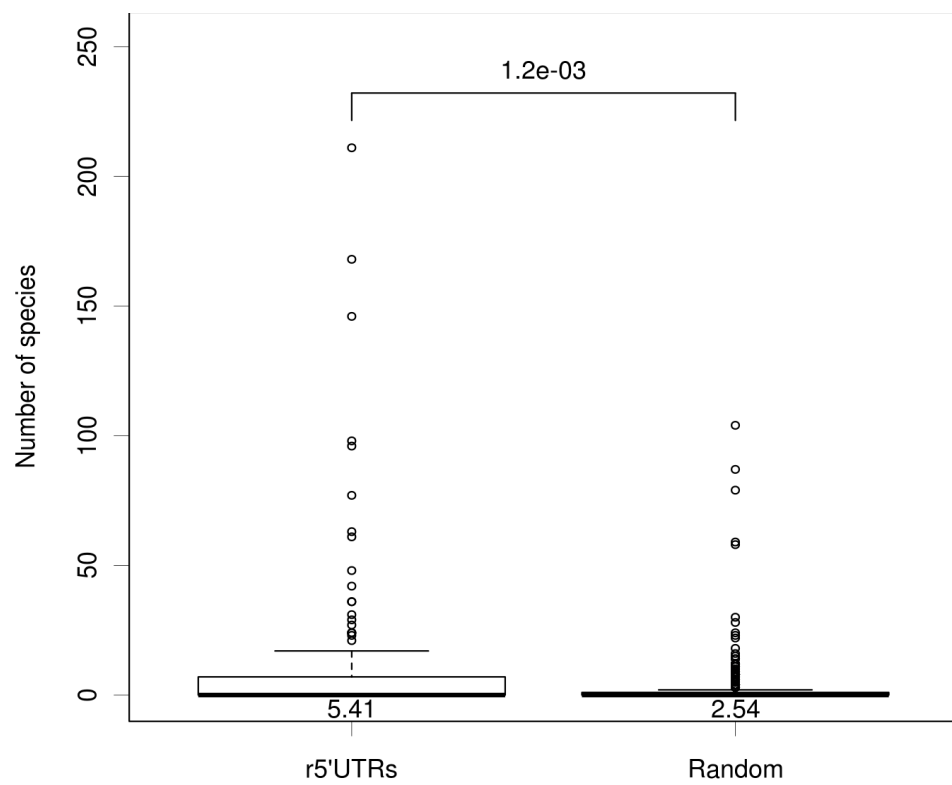
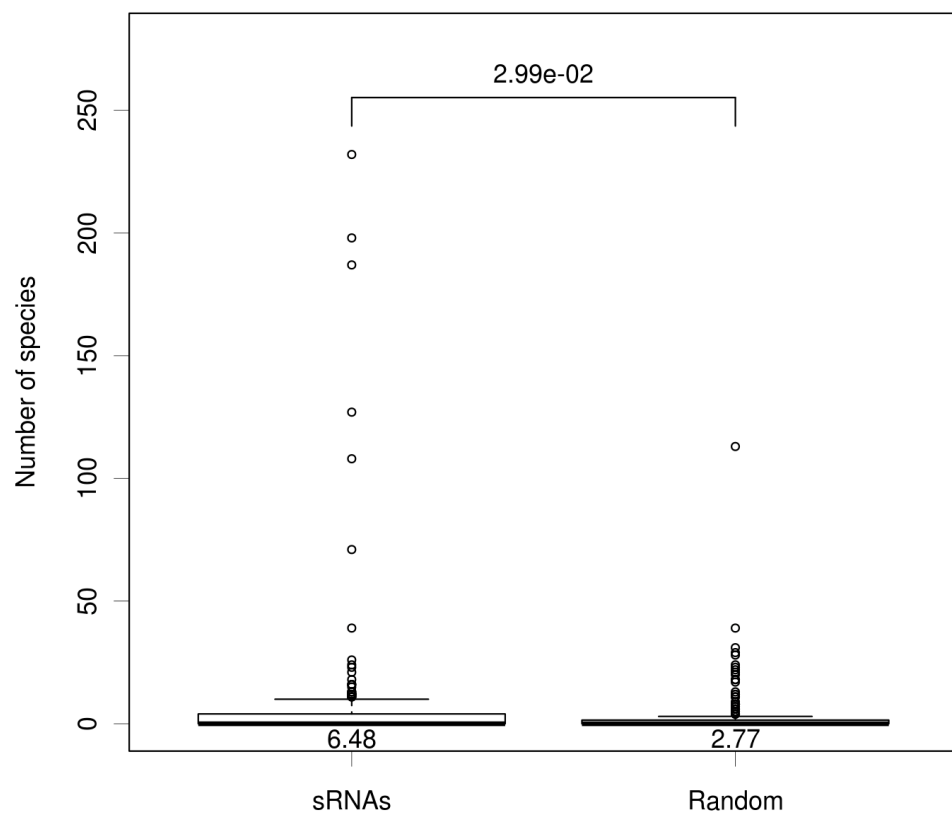
Supplemental figure S1

Diagram illustrating the 145 nt DNA sequence, with a 100 nt region highlighted in pink and a 87 nt region highlighted in yellow. The sequence is shown in two orientations: top (5' to 3') and bottom (3' to 5'). The 100 nt region is flanked by blue vertical lines. The 87 nt region is flanked by blue vertical lines. The 145 nt region is flanked by blue vertical lines.

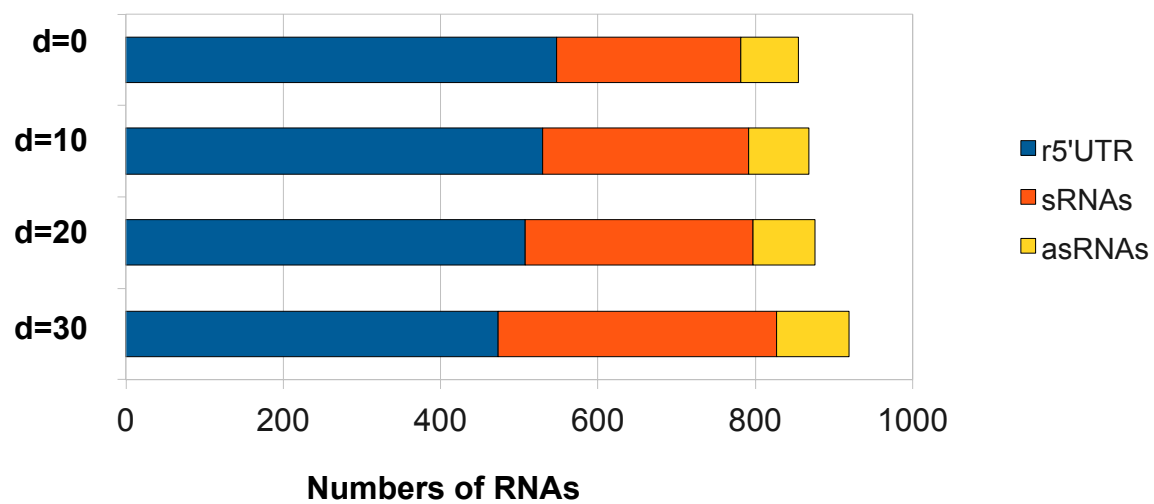
Top sequence (5' to 3'):
 1672411 1672421 1672431 1672441 1672451 1672461 1672471 1672481 1672491 1672501 1672511 1672521 1672531 1672541 1672551 1672561
 CAAAAAAGCGAGTCCTTAGGAACTCGCAAAAATCTATTTCAGTATGATGAACAAAATATGAGCCAATCTATTAAATCATAGAAGGACAAAAGGTTGCTATTTCGGATAAATAATCACTGGATGCGCTACATTGTCATCAATTTGTCAGCGT

Bottom sequence (3' to 5'):
 1672420 1672440 1672460 1672480 1672500 1672520 1672540 1672560
 GTTTTTCGCTCAGGGAVCCCTVAGCGCTTTTATGATAAGCTATACATATGTTTATATACCGGTATGATATTTGTTCTCGGTTTCGACGAGATAAATGCHATTATATATATAGGTTGACCTACCGGATGATAGACGATGATTAAGTTCGCA

Supplemental figure S2



Supplemental figure S3



Supplemental figure S4