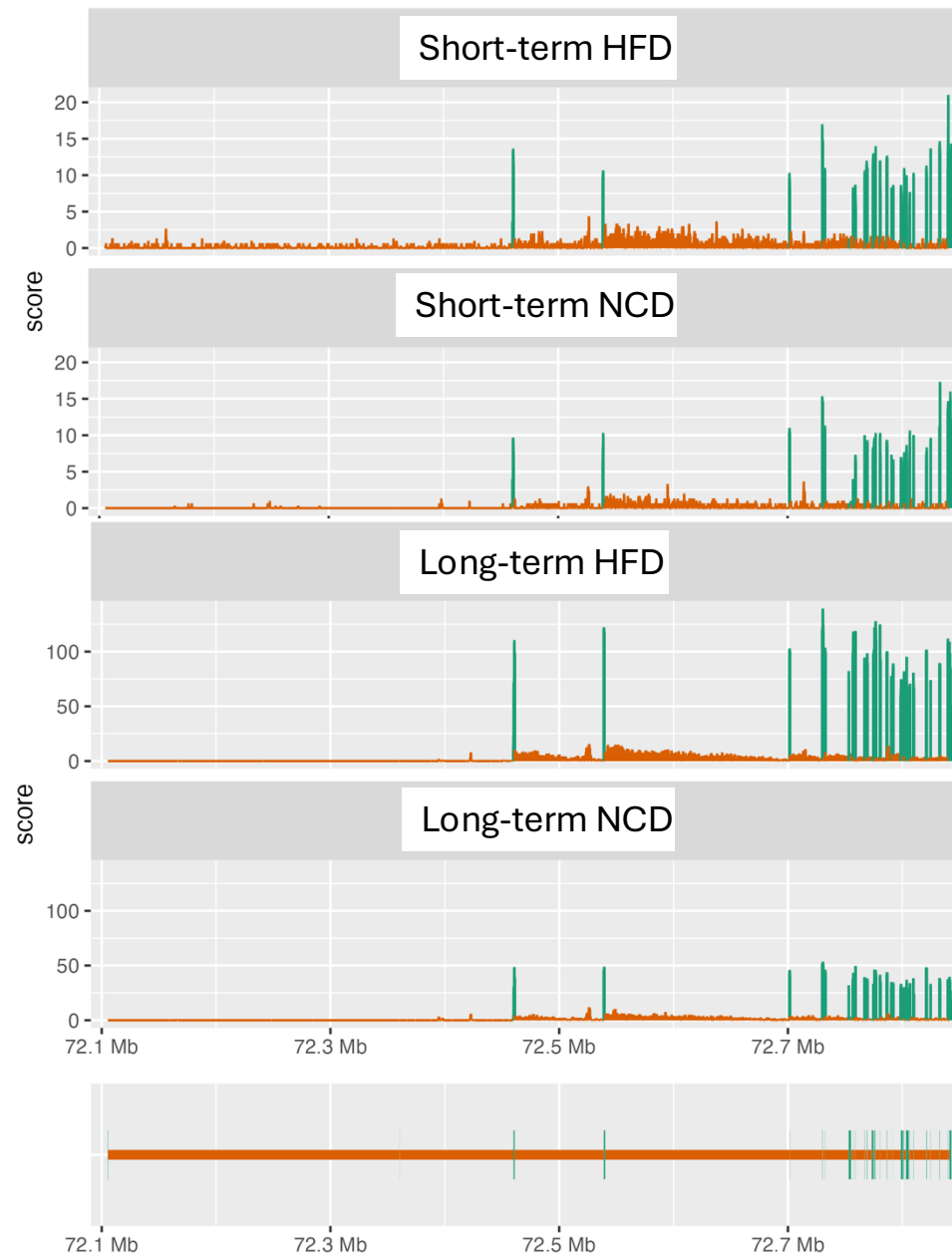


Supplementary Figure S1

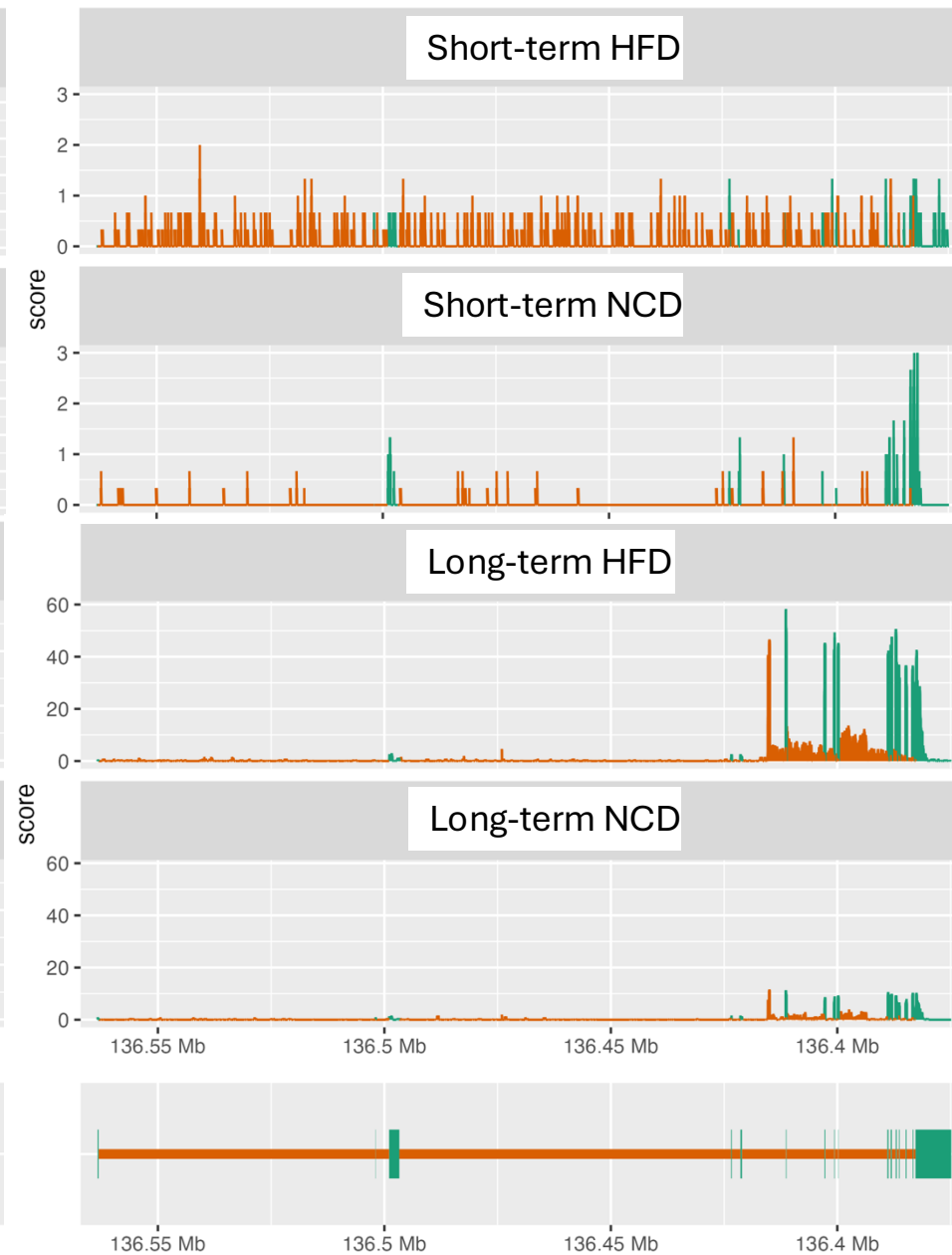
A

Coverage over Robo1



B

Coverage over Ephb2



Supplementary Figure S1. RNA-seq coverage plots of potential NMD target genes. RNA-seq read coverage over **(A)** Robo1, and **(B)** Ephb2 genes were analyzed using the Superintronic. Coverage scores are plotted on the y-axis, while gene coordinates are shown on the x-axis. The green regions correspond to exons, and the orange regions represent introns. A gene structure diagram is included at the bottom of each panel, indicating the positions of exonic and intronic regions within each gene and providing a reference for the corresponding RNA-seq read coverage. NCD, normal chow diet.