

Alternative Splicing Events:

SE - Skipped exon

A5SS - Alternative 5' splice site

A3SS - Alternative 3' splice site

MXE - Mutually exclusive exons

RI - Retained intron

Samples:

293FT-pX - 293FT cells transfected with pX458 plasmid without sgRNA

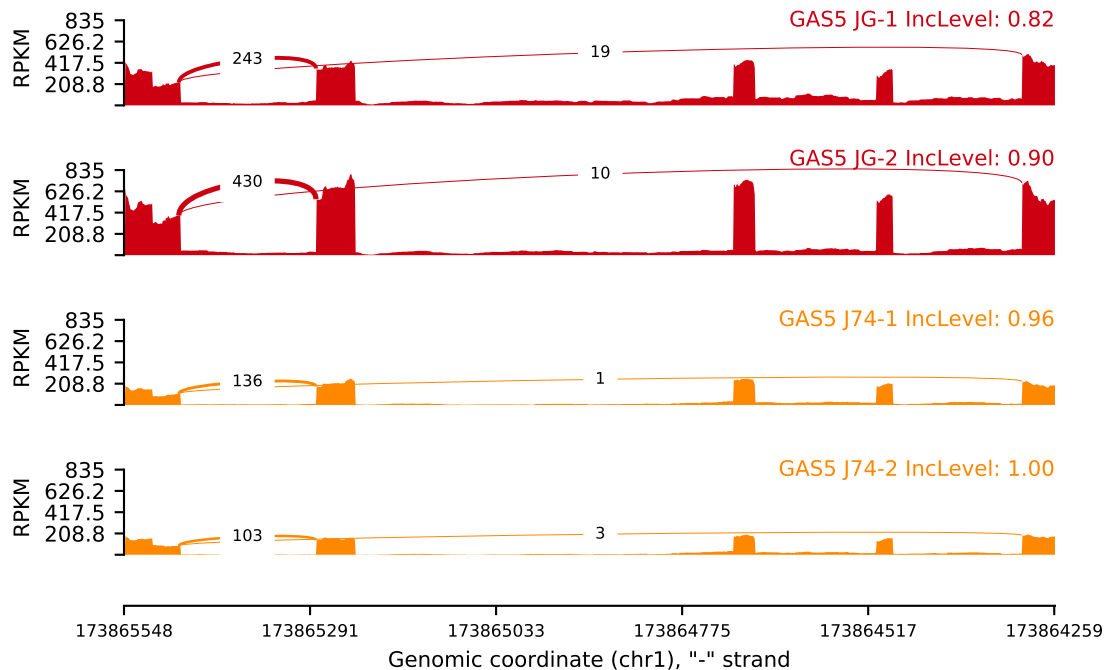
293FT-74-4 - 293FT cells with CRISPR/Cas9 mediated mutation of SNORD74

293FT-75-2 - 293FT cells with CRISPR/Cas9 mediated mutation of SNORD75

293FT-77-1 - 293FT cells with CRISPR/Cas9 mediated mutation of SNORD77

293FT-80-1 - 293FT cells with CRISPR/Cas9 mediated mutation of SNORD80

chr1:173864257:173864304:-@chr1:173864257:173865282:-@chr1:173865471:173865547:-

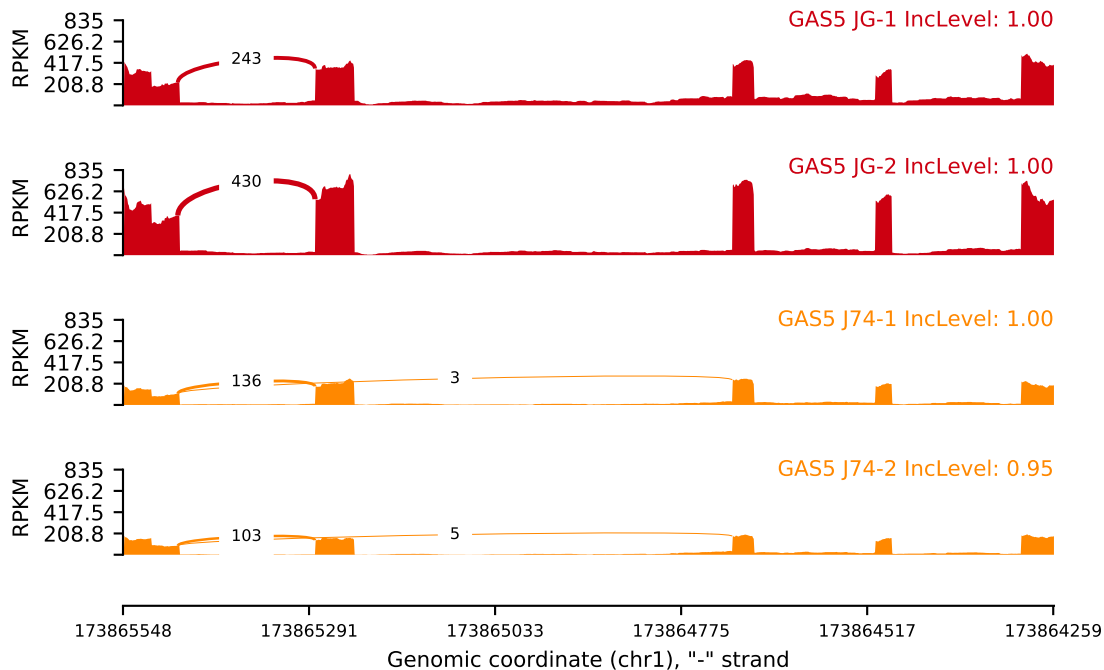


293FT-pX vs 293FT-74-4



A3SS

chr1:173864257:173864704:-@chr1:173864257:173865282:-@chr1:173865471:173865547:-

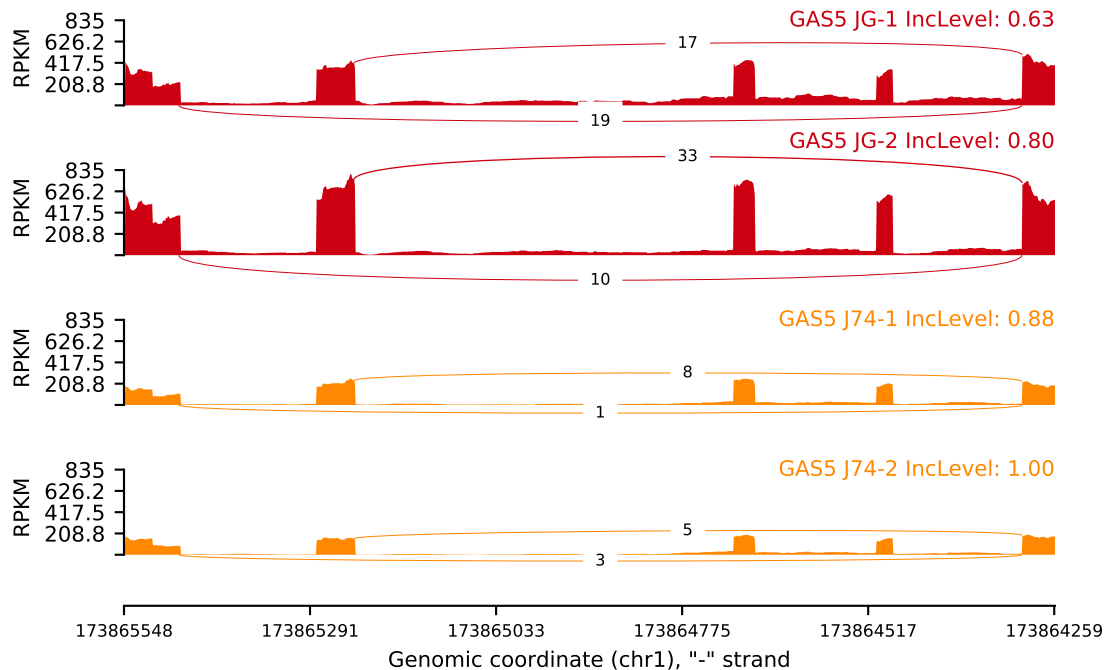


293FT-pX vs 293FT-74-4

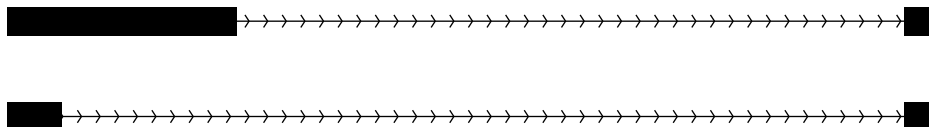


A3SS

chr1:173864257:173864304:-@chr1:173865229:173865547:-@chr1:173865471:173865547:-

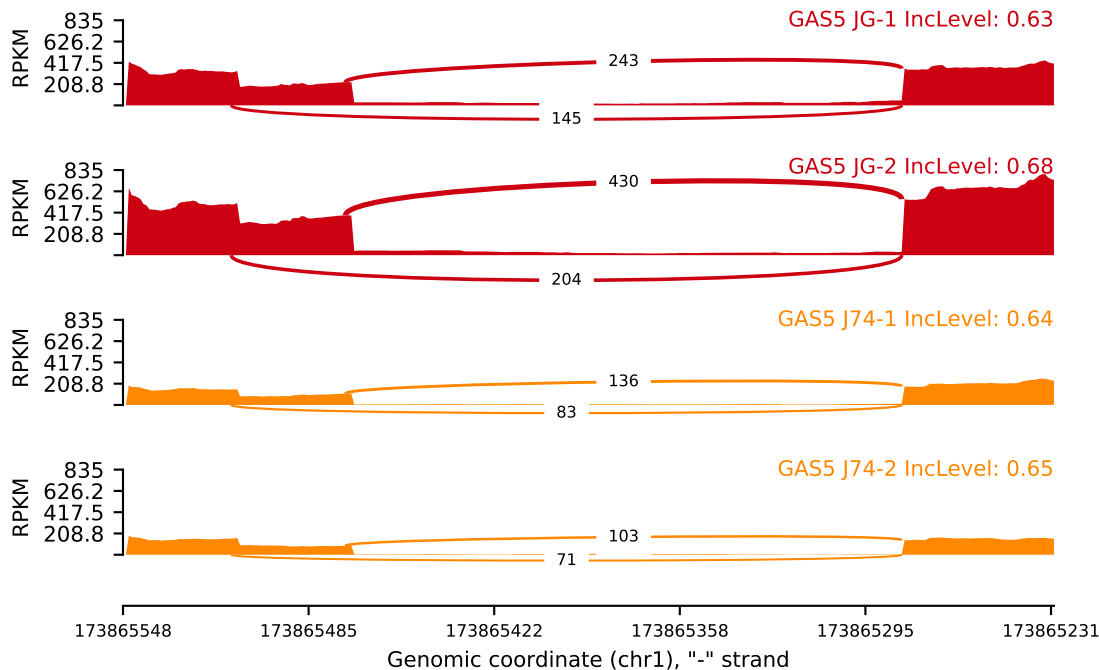


293FT-pX vs 293FT-74-4

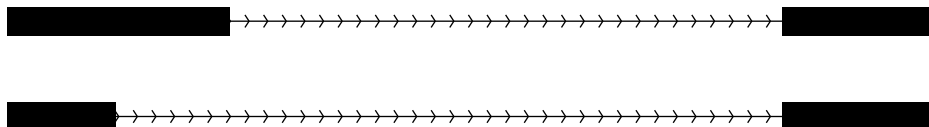


A5SS

chr1:173865229:173865282:-@chr1:173865471:173865547:-@chr1:173865510:173865547:-

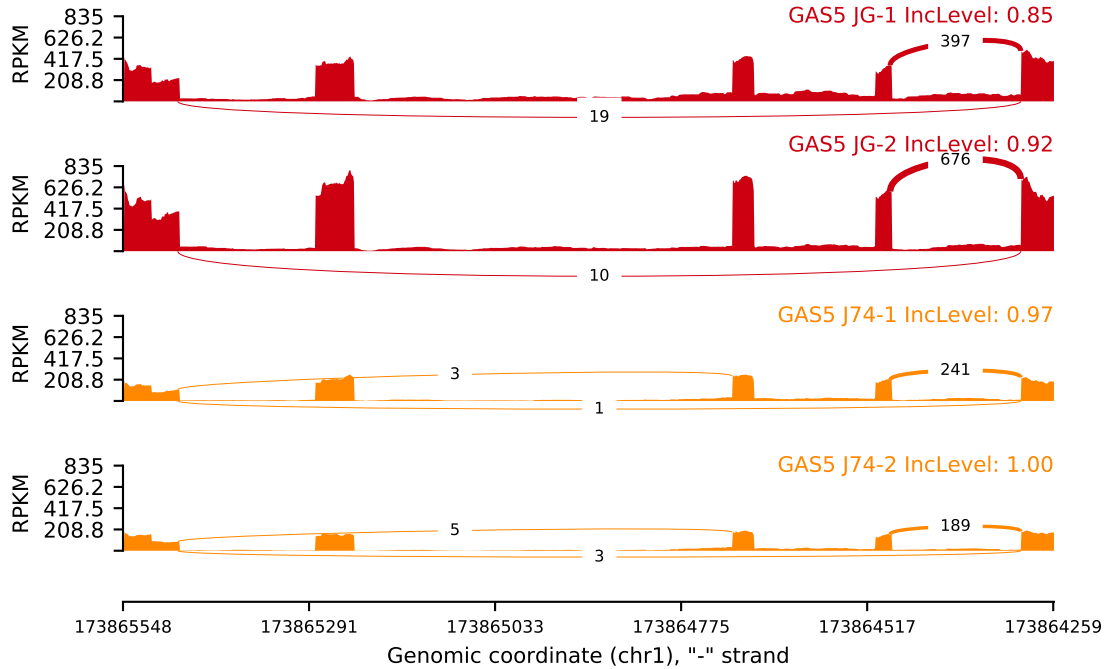


293FT-pX vs 293FT-74-4

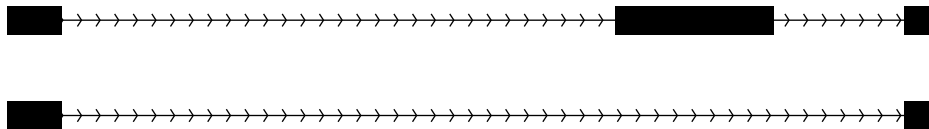


A5SS

chr1:173865471:173865547:-@chr1:173864484:173864704:-@chr1:173864257:173864304:-

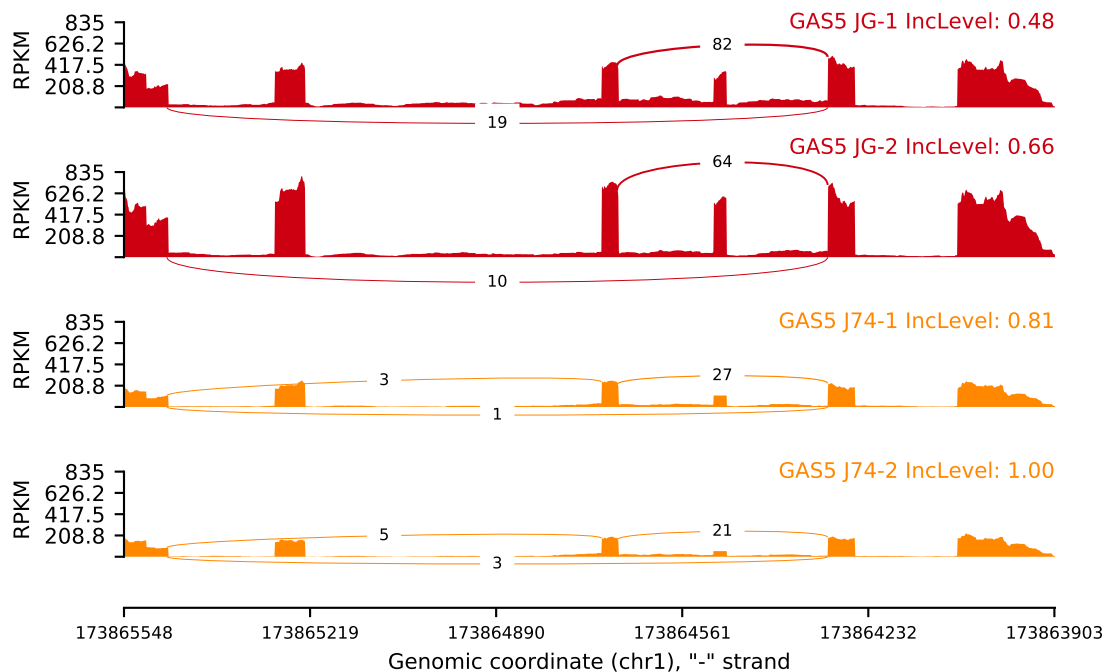


293FT-pX vs 293FT-74-4

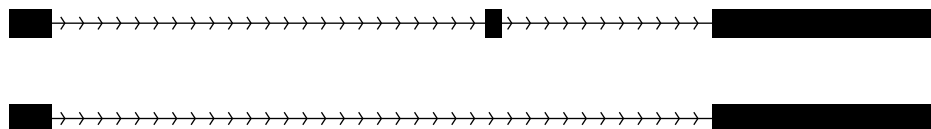


SE

chr1:173865471:173865547:-@chr1:173864675:173864704:-@chr1:173863901:173864304:-

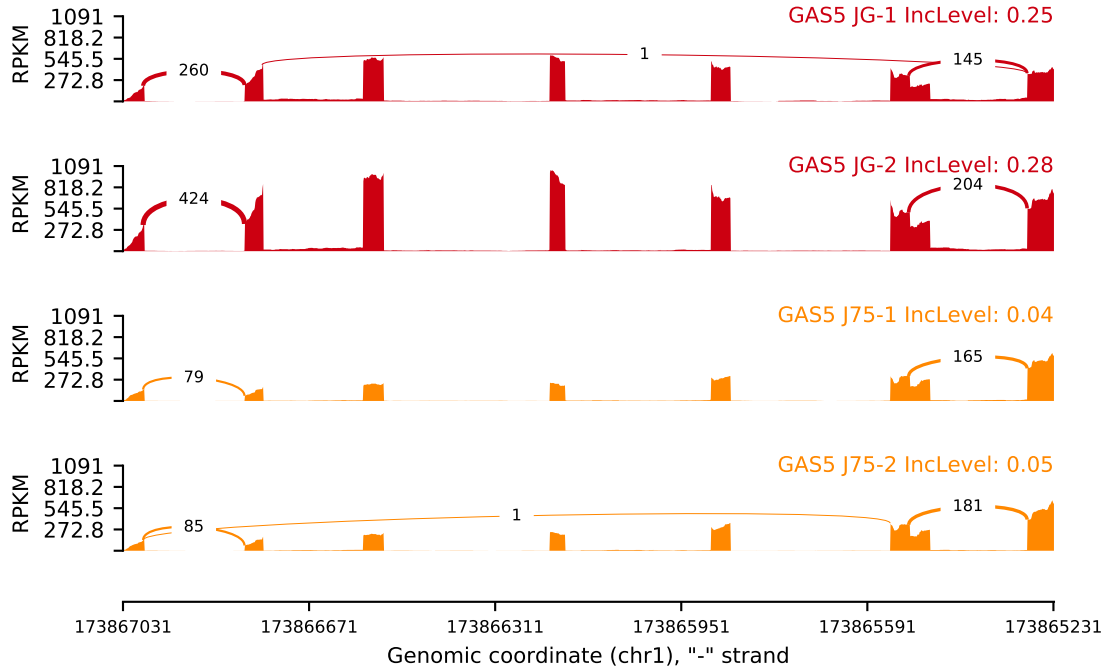


293FT-pX vs 293FT-74-4

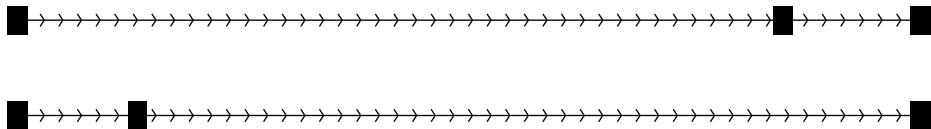


SE

173866991:173867030:-@chr1:173866761:173866796:-@chr1:173865510:173865547:-@chr1:173865229:173865282:-

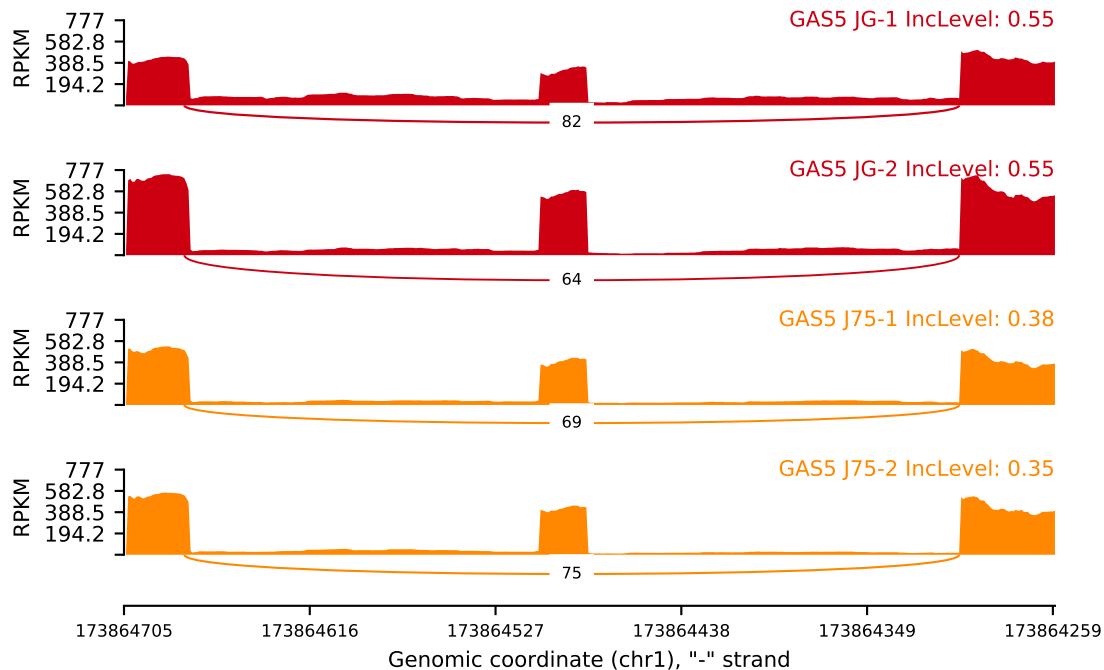


293FT-pX vs 293FT-75-2

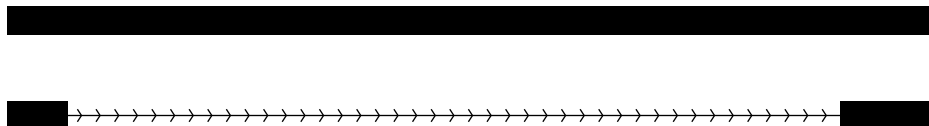


MXE

chr1:173864675:173864704:-@chr1:173864257:173864704:-@chr1:173864257:173864304:-

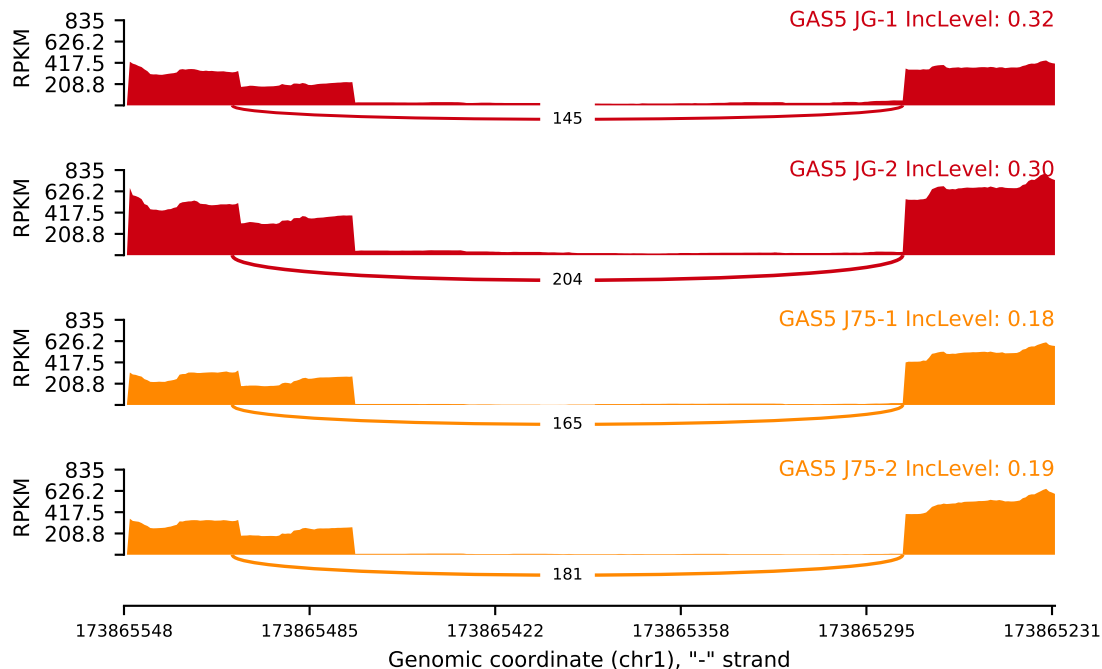


293FT-pX vs 293FT-75-2

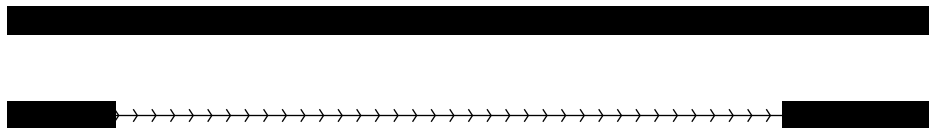


RI

chr1:173865510:173865547:-@chr1:173865229:173865547:-@chr1:173865229:173865282:-

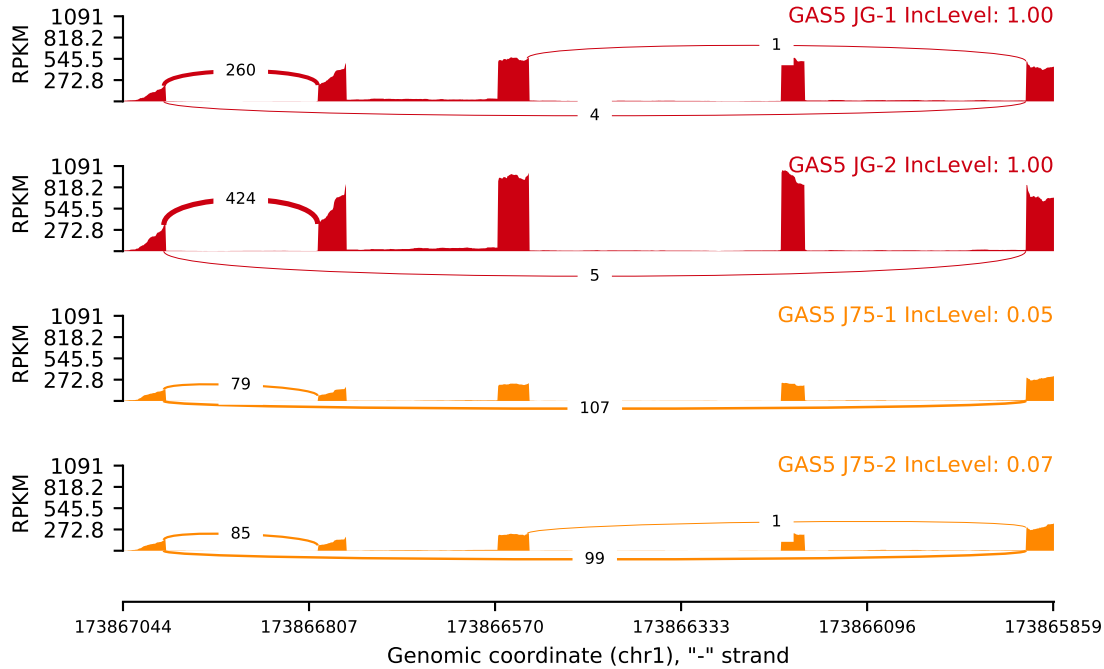


293FT-pX vs 293FT-75-2

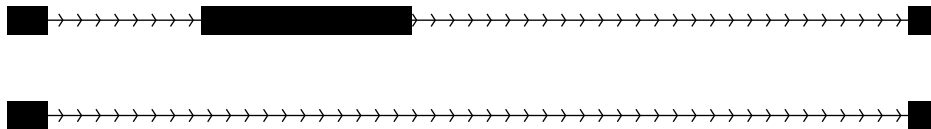


RI

chr1:173866991:173867043:-@chr1:173866528:173866796:-@chr1:173865857:173865894:-

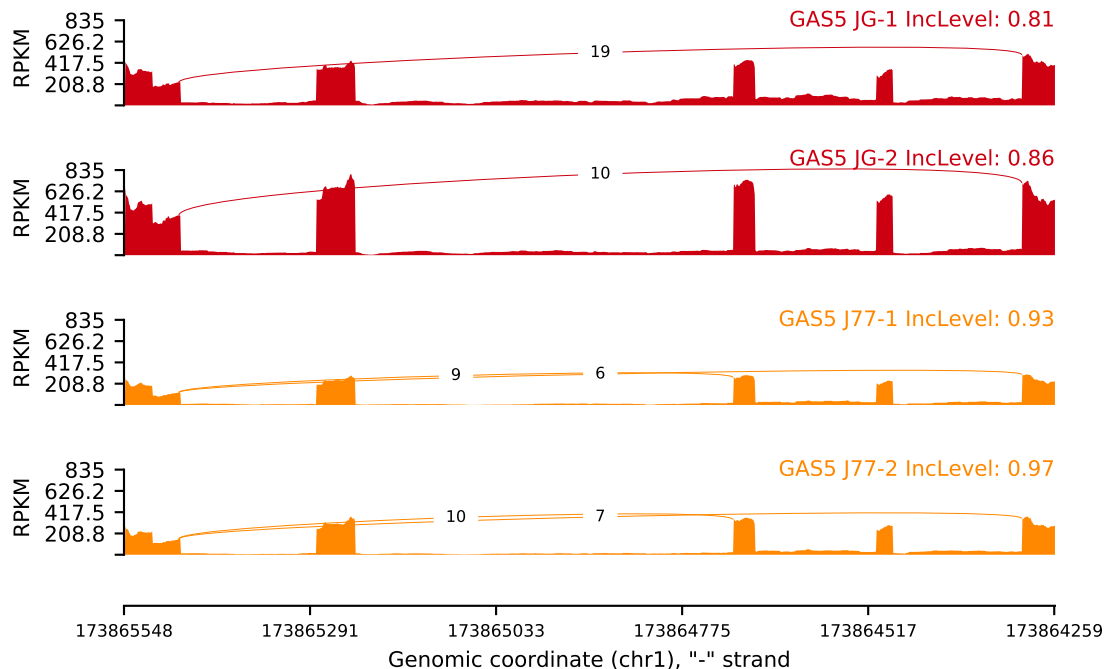


293FT-pX vs 293FT-75-2

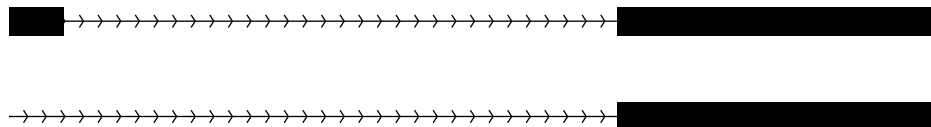


SE

chr1:173864257:173864304:-@chr1:173864257:173864704:-@chr1:173865471:173865547:-

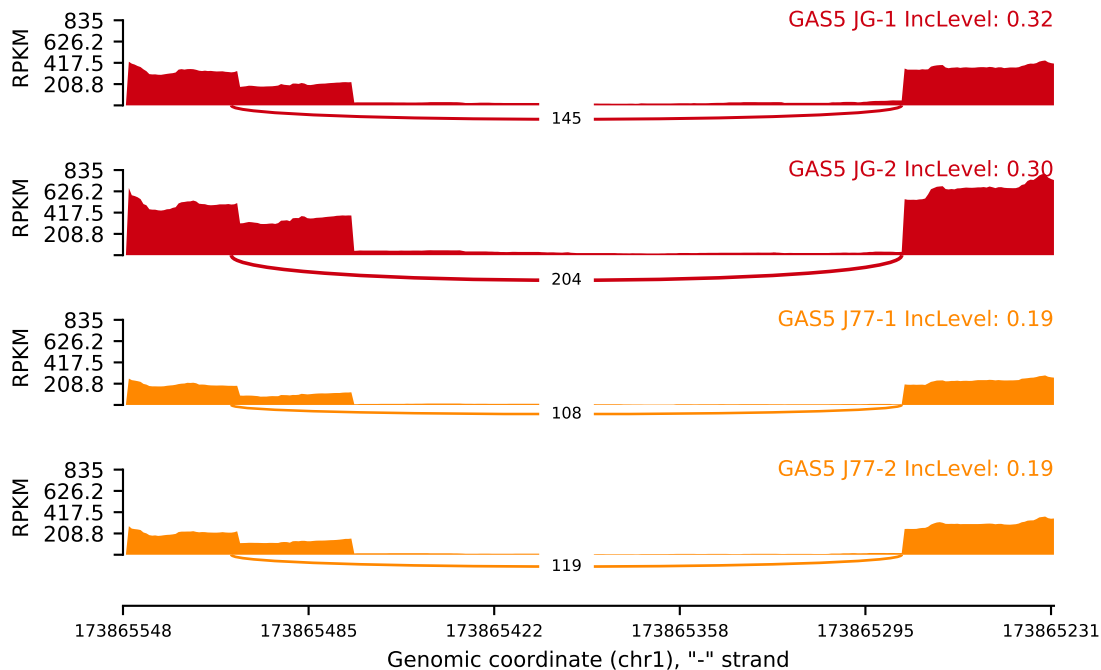


293FT-pX vs 293FT-77-1

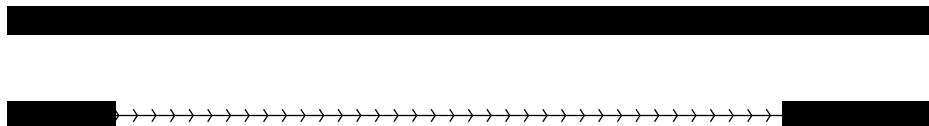


A3SS

chr1:173865510:173865547:-@chr1:173865229:173865547:-@chr1:173865229:173865282:-

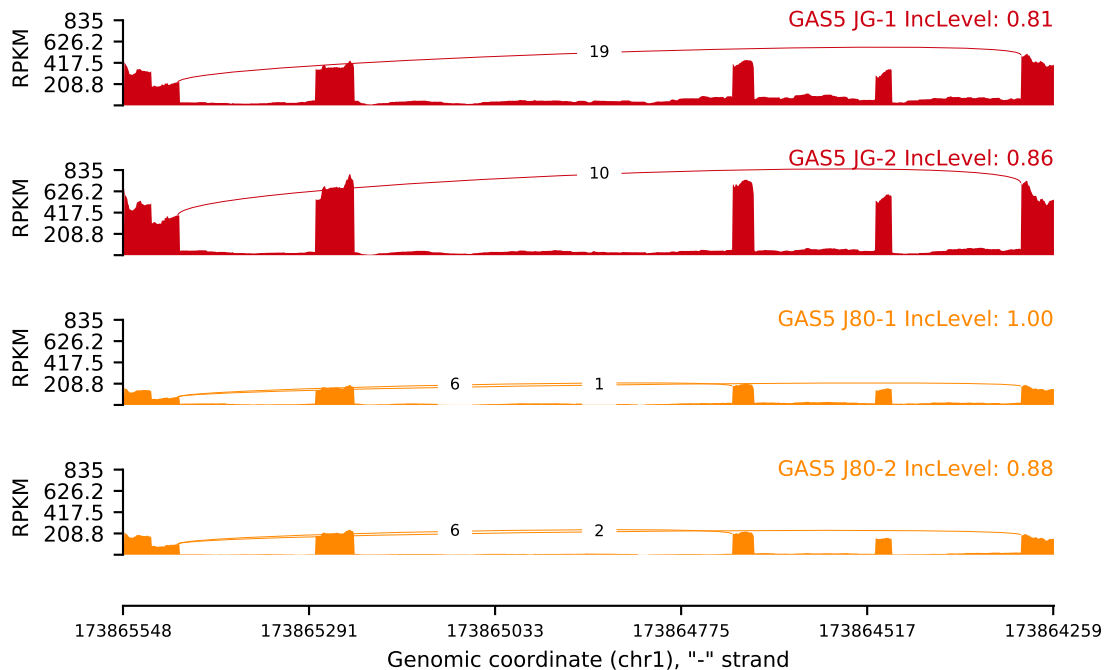


293FT-pX vs 293FT-77-1

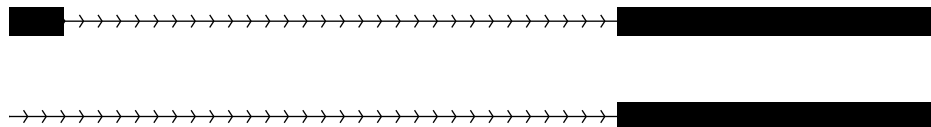


RI

chr1:173864257:173864304:-@chr1:173864257:173864704:-@chr1:173865471:173865547:-

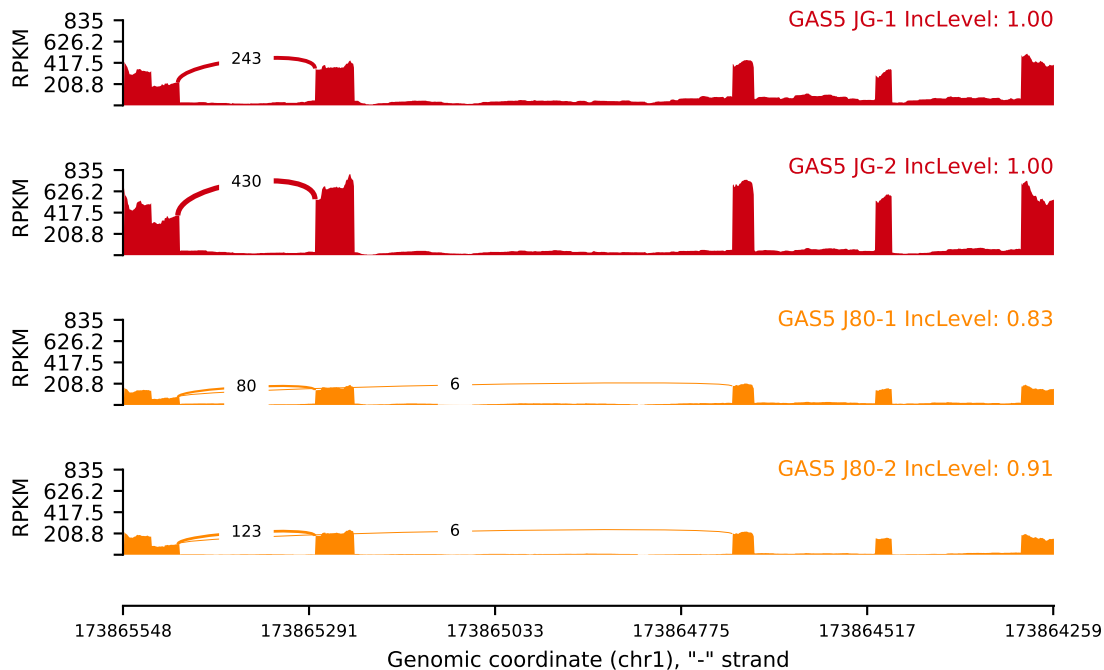


293FT-pX vs 293FT-80-1



A3SS

chr1:173864257:173864704:-@chr1:173864257:173865282:-@chr1:173865471:173865547:-

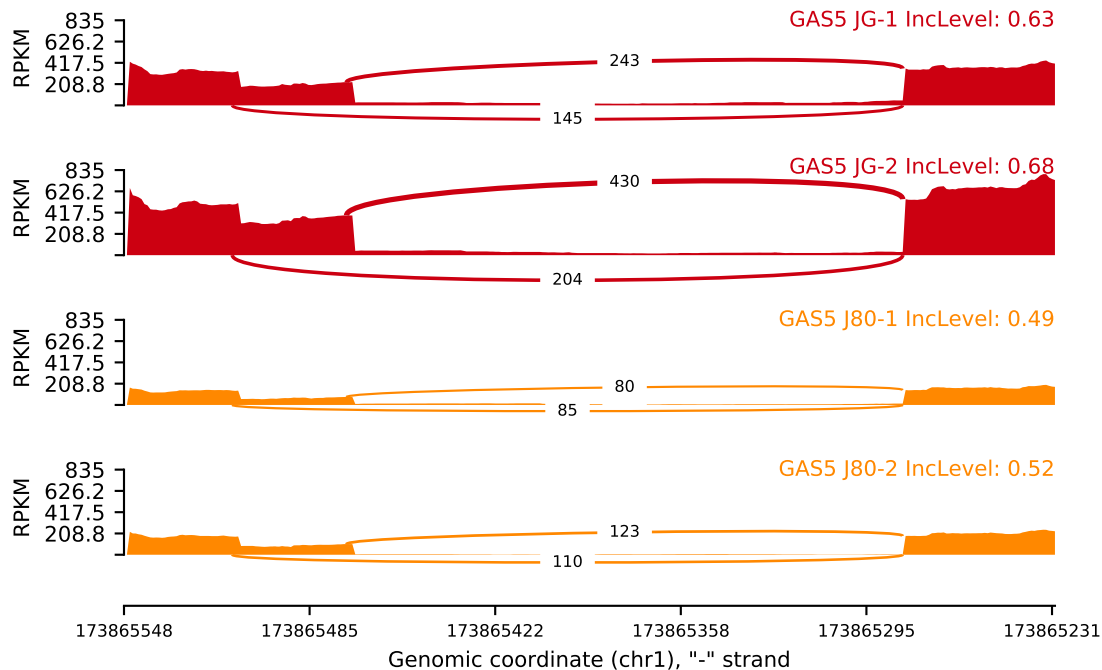


293FT-pX vs 293FT-80-1

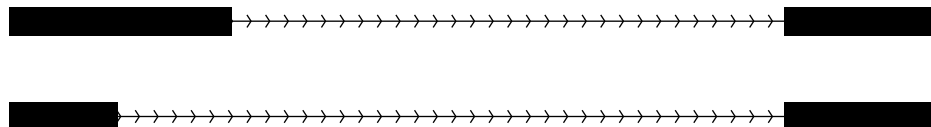


A3SS

chr1:173865229:173865282:-@chr1:173865471:173865547:-@chr1:173865510:173865547:-

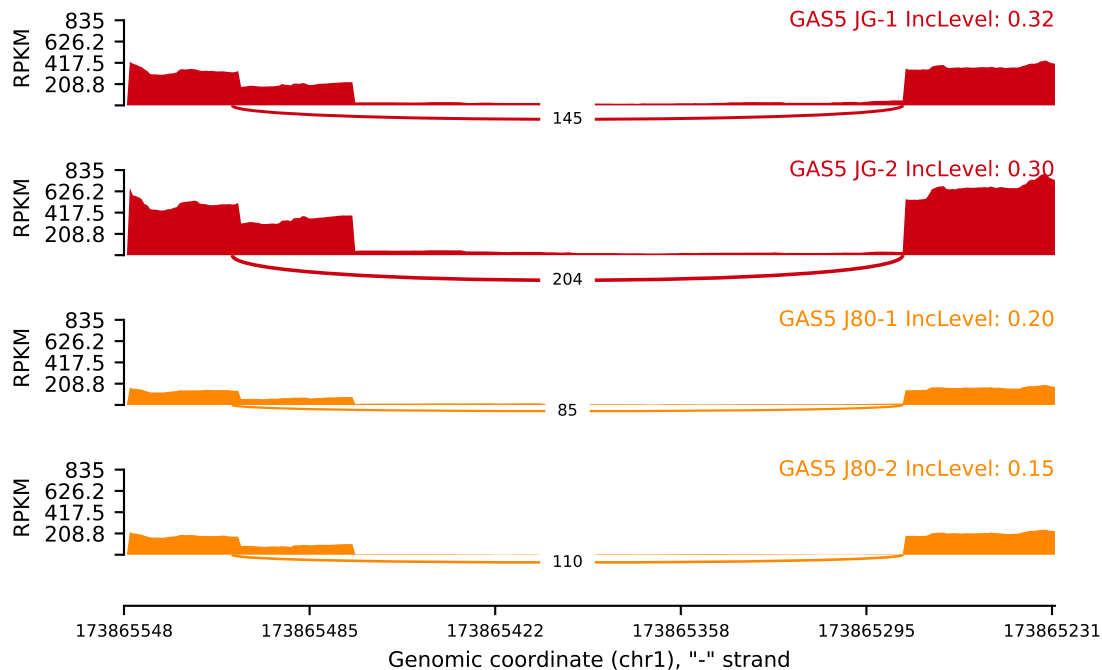


293FT-pX vs 293FT-80-1

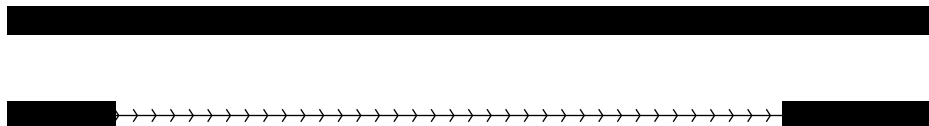


A5SS

chr1:173865510:173865547:-@chr1:173865229:173865547:-@chr1:173865229:173865282:-



293FT-pX vs 293FT-80-1



RI