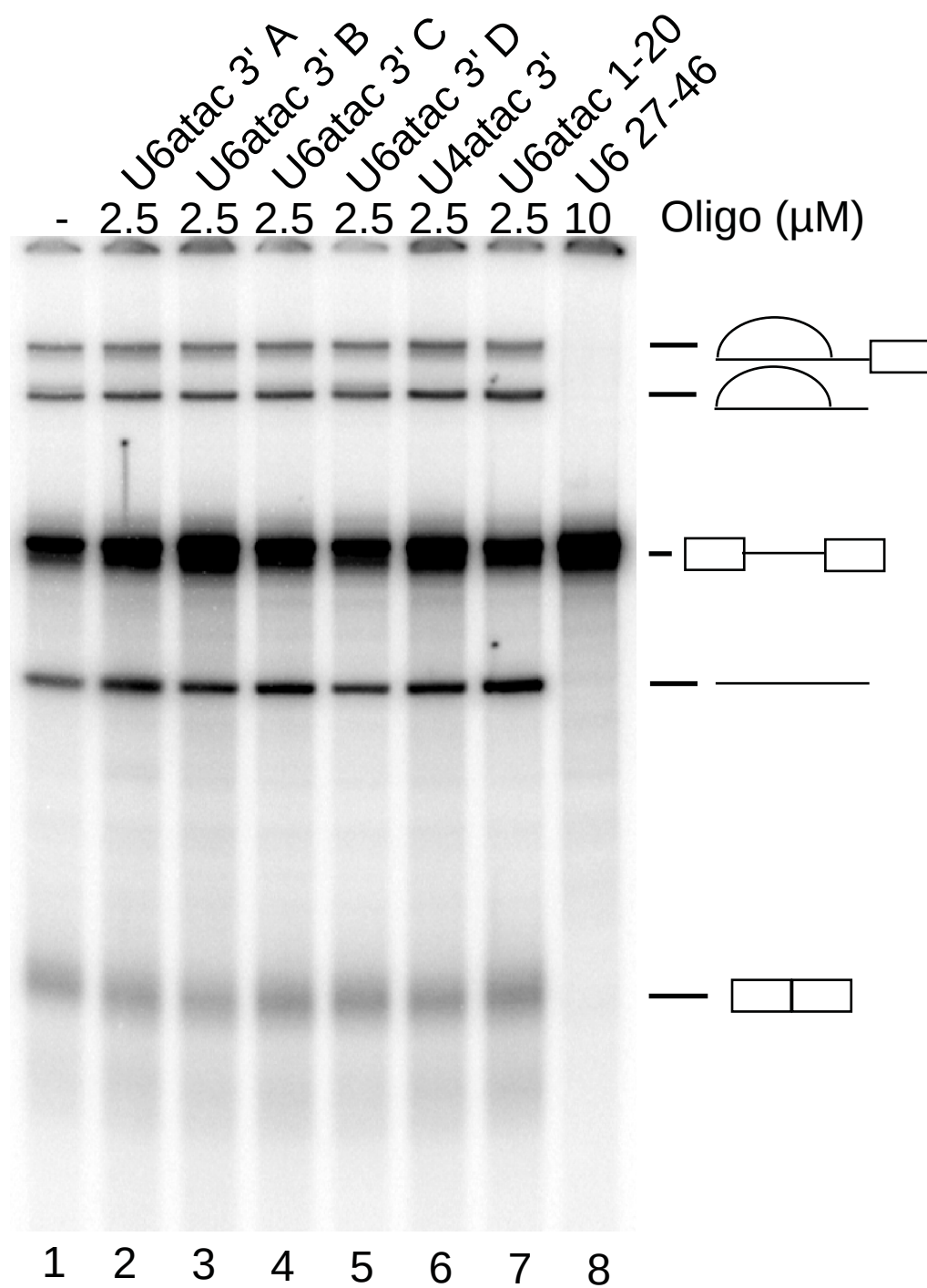


Supplementary Data

Figure 1. Effect on U2-dependent in vitro splicing of the various 2'-O-Methyl oligonucleotides used in Figure 5.

Each of the indicated oligos was added to an in vitro splicing reaction at the indicated final concentration. Lane 1 is a splicing reaction without added oligo. The identities of the various bands have been established previously (Dietrich et al., 1997; Padgett et al., 1984) and from top to bottom are: lariat-3' exon intermediate; lariat intron product; unspliced precursor; linear intron product; spliced exon product.

Methods: Labeled RNA was transcribed in vitro from a construct which contained a U2-dependent intron derived from Adenovirus 2 as previously described (Dietrich et al., 1997). HeLa cell nuclear extract was incubated in the presence of the indicated oligos for 15 minutes at 30°C as described (Dietrich et al., 1997). Labeled precursor RNA was then added and incubated for a further 60 minutes. RNA was extracted and resolved on a 6% polyacrylamide/8 M urea gel and imaged on a Molecular Dynamics Storm imager.



Supplementary Figure 1