

Dr. Stephen Munroe's Publications

- 2010** Salato, V.K., N.R. Rediske, M.L. Hastings, C. Zhang and S.H. Munroe. 2010. An exonic splicing enhancer within a bi-directional coding sequence regulates alternative splicing of an antisense mRNA. *RNA Biology*, 7, 179-190.
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- 2006** Munroe, S.H. and J. Zhu 2006. Overlapping transcripts, double-stranded RNA and antisense regulation: A genomic perspective. *Cell. Mol. Life Sci.*, 63:2102-18.
- 2004** Munroe, S.H. 2004. Diversity of antisense regulation in eukaryotes: multiple mechanisms, emerging patterns. *J. Cell. Biochem.*, 93:664-671.
- 2001** Hastings, M.L., C.M. Wickland and S.H. Munroe. 2001. Purine-rich intronic element enhances alternative splicing of thyroid hormone receptor mRNA. *RNA*, 7:859-874.
- 2000** Eperon, I.C., O. Makarova, A. Mayeda, S.H. Munroe, J. Cáceres, D.G. Hayward, and A.R. Krainer. 2000. Selection of alternative 5' splice sites: the role of U1 snRNP and models for the antagonistic effects of SF2/ASF and hnRNP A1. *Mol. Cell. Biol.* 20:8303-8318.
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- 1994** Mayeda, A., S.H. Munroe, J. Cáceres and A.R. Krainer. 1994. Function of conserved domains of human hnRNP A1 and other hnRNP A/B group proteins. *Embo. J.*, 13:5483-5495.
- 1992** Munroe, S.H. and X. Dong. 1992. Heterogeneous nuclear ribonucleoprotein A1 catalyzes RNA-RNA annealing. *Proc. of Nat. Acad. of Sci.*, 89:895-899.
- 1991** Munroe, S.H. and M.A. Lazar. 1991. Inhibition of c-erb A mRNA splicing by a naturally occurring antisense RNA. *J. Biol. Chem.*, 266:22083-22086.
- 1988** Munroe, S.H. 1988. Antisense RNA inhibits splicing of pre-mRNA *in vitro*. *EMBO. J.*, 7:2523-2532.
- 1986** Munroe, S.H. and R.S. Duthie. 1986. Splice site consensus sequences are preferentially accessible to nucleases in isolated adenovirus RNA. *Nucl. Acids Res.*, 14:8447-8465.
- 1984** Munroe, S.H. 1984. Secondary structure of splice sites in adenovirus mRNA precursors. *Nucl. Acids Res.*, 12:8437-8456.
- 1983** Munroe, S.H. 1983. A large inverted repeat sequence overlaps two acceptor splice sites in adenovirus. *Nucl. Acids Res.*, 11:8891-8900.

- 1982** Munroe, S.H. 1982. Ribonucleoprotein structure of adenovirus nuclear RNA probed by nuclease digestion. *J. Molec. Biol.*, 162:585-606.
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- 1981** Munroe, S.H. and T. Pederson. 1981. Messenger RNA sequences in nuclear ribonucleoprotein particles are complexes with proteins as shown by nuclease protection. *J. Molec. Biol.*, 147:437-449.
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- 1974** Latt, S.A., S. Brodie and S.H. Munroe. 1974. Optical studies of complexes of quinacrine with DNA and chromatin: Implications for the fluorescence of cytological chromosome preparations. *Chromosoma*, 49:17-40.