

**RAW DATA - miRNA-146a in scrapie 139a, sCJD and GSS - individual signal strengths as as determined by Northern dot blot assay**

	5S RNA	5S RNA	139A	139A	sCJD	sCJD	sCJD	GSS	GSS	
control	12	12	1.01	2.4	1.8	3.6	1.8	3.6	1.8	
miRNA-146a	11.8	11.5	4.01	7	4.4	9	8.5	9	7.5	
<i>p</i> , ANOVA	NS	NS	0.032	0.021	0.033	0.015	0.008	0.009	0.018	

**NS = not significant**

**All others are  $p < 0.05$  and are highly significant**

## **REFERENCES**

Sethi, P., and Lukiw, W.J. 2009. Micro-RNA abundance and stability in human brain: specific alterations in Alzheimer's disease temporal lobe neocortex. *Neurosci. Lett.* 459:100-104.

Cui, J.G., Li, Y.Y., Zhao, Y., Bhattacharjee, S., and Lukiw W.J. (2010) Differential regulation of interleukin-1-receptor-associated kinase-1 (IRAK-1) and IRAK-2 by micro RNA-146a and NF-kB in stressed human astroglial cells and in Alzheimer's disease. *J Biol Chem.* 285:38951-38960.