

## Supplementary Tables

**Table S1 Characteristics of studies included for meta-analysis of hydrogen peroxide-responsive miRNAs**

Author (year)	Species	Cell type	H <sub>2</sub> O <sub>2</sub> treatment		Ref.
			Concentration	Time	
Lin (2009)	Mouse	VSMCs	200µM	6h	[5]
Maes (2009)	Human	WI-38 fibroblasts	200µM	NA	[6]
Magenta (2011)a	Human	HUVECs	200µM	8h	[7]
Magenta (2011)b	Human	HUVECs	200µM	24h	[7]
Mateescu (2011)	Mouse	Fibroblasts	400µM	24h	[8]
Xu (2012)	Mouse	Neuron	200µM	6h	[9]
Howell (2013)	Human	ARPE-19	200µM	18h	[10]
Jong (2013)	Human	HUVECs	200µM	2hx2d	[11]
Kim (2014)	Human	Human dermal papilla cells	750µM	24h	[12]
Cross (2015)	Human	CRL-1584	25µM	4h	[13]
Luo (2016)	Human	HepG2	600µM	24h	[14]

VSMC: vascular smooth muscle cells; HUVEC: human umbilical vein endothelial cells; NA, not available.