

S2 Table: Representative RNA Sample characteristics analyzed using RNAscreen TapeStation 2200 System (Agilent Technologies)

RNA Sample	Purity (A260/A280)	RIN^e
Control eyes st32	2.08	7.6
Control+TGF β eyes st32	2.09	6.7
Control+ActD+TGF β eyes st32	2.07	8.3
MO-miR-181a/b eyes st32	2.03	8.4
MO-miR-181a/b+TGF β eyes st32	2.01	7.7
MO-protector <i>erk2</i> eyes st32	2.08	8.2
MO-protector <i>erk2</i> +TGF β eyes st32	2.1	8.6
Control+ SB43152 eyes st32	2.1	8.6
MO- <i>tgfβ1</i> eyes st32	2.02	7.9