

C.

Source data Figure 1

Replicate 1							
	miR-291a-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	27.97	27.98	20.79	20.87	7.11	0.00	1.00
	27.97		20.85				
	27.99		20.96				
Diff.	30.62	30.64	21.47	21.47	9.17	2.06	0.24
	30.56		21.43				
	30.74		21.51				
Replicate 2							
	miR-291a-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	27.03	27.07	20.87	20.85	6.22	0.00	1.00
	27.07		20.89				
	27.12		20.79				
Diff.	29.36	29.28	21.52	21.40	7.88	1.65	0.32
	29.25		21.44				
	29.22		21.24				
Replicate 3							
	miR-291a-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	27.58	27.66	21.26	21.27	6.38	0.00	1.00
	27.70		21.34				
	27.69		21.22				
Diff.	30.62	30.64	21.67	21.75	8.89	2.51	0.18
	30.56		21.88				
	30.74		21.69				

Replicate 1							
	miR-291b-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	27.01	27.11	20.70	20.74	6.37	0.00	1.00
	27.00		20.78				
	27.32		20.74				
Diff.	28.82	28.95	20.64	20.65	8.30	1.93	0.26
	29.04		20.68				
	28.98		20.62				
Replicate 2							
	miR-291b-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	26.94	26.96	20.93	20.94	6.02	0.00	1.00
	26.94		20.92				
	26.99		20.97				
Diff.	29.41	29.38	21.54	21.53	7.85	1.83	0.28
	29.35		21.52				
	29.38		21.54				
Replicate 3							
	miR-291b-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	26.88	26.83	21.46	21.36	5.47	0.00	1.00
	26.84		21.34				
	26.78		21.28				
Diff.	29.08	29.12	21.56	21.39	7.73	2.26	0.21
	29.12		21.38				
	29.16		21.22				

Replicate 1							
	miR-292a-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	21.87	21.91	20.96	20.96	0.96	0.00	1.00
	21.90		20.96				
	21.97		20.95				
Diff.	24.28	24.32	21.48	21.47	2.84	1.89	0.27
	24.31		21.44				
	24.36		21.50				
Replicate 2							
	miR-292a-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	24.38	24.40	20.94	20.96	3.44	0.00	1.00
	24.32		20.98				
	24.50		20.96				
Diff.	25.62	25.67	20.74	20.76	4.91	1.47	0.36
	25.76		20.78				
	25.64		20.76				
Replicate 3							
	miR-292a-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	22.01	22.02	21.32	21.35	0.68	0.00	1.00
	22.08		21.34				
	21.98		21.38				
Diff.	24.94	24.94	21.98	21.96	2.98	2.30	0.20
	24.97		21.99				
	24.92		21.92				

Replicate 1							
	miR-294-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	20.91	20.92	20.95	20.88	0.04	0.00	1.00
	20.88		20.85				
	20.97		20.85				
Diff.	23.00	23.00	20.06	20.10	2.90	2.86	0.14
	22.99		20.07				
	23.02		20.18				
Replicate 2							
	miR-294-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	20.78	20.79	20.98	20.96	-0.17	0.00	1.00
	20.82		20.92				
	20.78		20.98				
Diff.	22.12	22.33	20.16	20.14	2.19	2.36	0.19
	22.16		20.12				
	22.72		20.14				
Replicate 3							
	miR-294-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	21.11	21.15	20.76	20.76	0.39	0.00	1.00
	21.08		20.77				
	21.25		20.74				
Diff.	24.34	24.37	20.96	20.93	3.45	3.06	0.12
	24.36		20.90				
	24.42		20.92				

Replicate 1							
	miR-295-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	21.97	21.95	21.44	21.41	0.54	0.00	1.00
	21.96		21.38				
	21.93		21.41				
Diff.	25.11	25.14	21.82	21.86	3.28	2.74	0.15
	25.07		21.84				
	25.25		21.92				
Replicate 2							
	miR-295-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	21.46	21.52	20.97	20.89	0.63	0.00	1.00
	21.53		20.84				
	21.57		20.86				
Diff.	23.92	23.95	20.99	20.99	2.96	2.33	0.20
	23.96		20.95				
	23.98		21.03				
Replicate 3							
	miR-295-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	RQ ($2^{-\Delta\Delta Ct}$)
TSC	21.01	21.02	20.98	21.00	0.03	0.00	1.00
	21.08		21.02				
	20.98		20.99				
Diff.	23.34	23.46	21.22	21.25	2.21	2.19	0.22
	23.57		21.26				
	23.48		21.27				

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Source data Figure 1

Replicate 1							
	miR-322-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	22.44 22.43 22.54	22.47	20.83 20.89 20.95	20.89	1.58	0.00	1.00
Diff.	17.97 17.91 17.98	17.95	20.61 20.63 20.74	20.66	-2.71	-4.29	19.52

Replicate 2							
	miR-322-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	22.56 22.53 22.58	22.56	20.87 20.94 20.86	20.89	1.67	0.00	1.00
Diff.	18.12 18.17 18.21	18.17	20.69 20.65 20.89	20.74	-2.58	-4.24	18.94

Replicate 3							
	miR-322-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	24.32 24.38 24.44	24.38	20.98 20.91 20.94	20.94	3.44	0.00	1.00
Diff.	20.28 20.26 20.20	20.25	21.14 21.18 21.18	21.17	-0.92	-4.36	20.49

Replicate 1							
	miR-503-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	29.3 29.42 29.41	29.38	21.98 21.93 21.99	21.97	7.41	0.00	1.00
Diff.	24.92 24.96 24.98	24.95	20.6 20.71 20.75	20.69	4.27	-3.14	8.84

Replicate 2							
	miR-503-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	29.78 29.86 29.85	29.83	21.76 21.88 22.20	21.95	7.88	0.00	1.00
Diff.	25.44 25.44 25.42	25.43	20.95 20.91 20.99	20.95	4.48	-3.40	10.56

Replicate 3							
	miR-503-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	30.32 30.33 30.37	30.34	21.67 21.75 21.66	21.69	8.65	0.00	1.00
Diff.	27.98 27.94 27.92	27.95	21.96 21.97 21.99	21.97	5.97	-2.67	6.38

Replicate 1							
	miR-351-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	27.42 27.44 27.49	27.45	20.56 20.36 20.38	20.43	7.02	0.00	1.00
Diff.	24.92 24.96 24.98	24.95	20.6 20.71 20.75	20.69	4.27	-2.75	6.73

Replicate 2							
	miR-351-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	28.22 28.29 28.26	28.26	21.97 21.92 21.98	21.96	6.30	0.00	1.00
Diff.	25.24 25.44 25.22	25.30	20.85 20.82 20.89	20.85	4.45	-1.85	3.61

Replicate 3							
	miR-351-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	27.63 27.69 27.76	27.69	19.94 19.94 19.98	19.95	7.74	0.00	1.00
Diff.	25.95 25.95 25.97	25.96	20.65 20.66 20.69	20.67	5.29	-2.45	5.46

Replicate 1							
	miR-542-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	32.51 32.53 32.73	32.59	20.93 20.97 20.97	20.96	11.63	0.00	1.00
Diff.	29.03 28.97 29.06	29.02	21.27 21.29 21.28	21.28	7.74	-3.89	14.86

Replicate 2							
	miR-542-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	33.43 33.78 34.22	33.81	21.77 21.72 21.74	21.74	12.07	0.00	1.00
Diff.	28.76 28.65 28.63	28.68	20.65 20.62 20.49	20.59	8.09	-3.97	15.71

Replicate 3							
	miR-542-3p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	32.76 32.87 32.98	32.87	20.55 20.73 20.74	20.67	12.20	0.00	1.00
Diff.	29.12 29.35 29.34	29.27	20.82 20.99 20.92	20.91	8.36	-3.84	14.29

Replicate 1							
	miR-450b-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	35.95 35.16 35.41	35.51	17.99 17.92 18.08	18.00	17.51	0.00	1.00
Diff.	31.57 31.59 31.55	31.57	18.29 18.23 18.35	18.29	13.28	-4.23	18.77

Replicate 2							
	miR-450b-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	37.07 36.86 36.53	36.82	20.34 20.44 20.47	20.42	16.40	0.00	1.00
Diff.	31.44 31.64 31.42	31.50	19.59 19.54 19.62	19.58	11.92	-4.49	22.42

Replicate 3							
	miR-450b-5p	Ct mean	U6 snRNA	Ct mean	ΔCt	$\Delta\Delta Ct$	$RQ (2^{-\Delta\Delta Ct})$
TSC	31.56 32.17 32.23	31.99	20.45 20.54 20.66	20.55	11.44	0.00	1.00
Diff.	28.87 27.83 27.99	28.23	20.78 20.82 20.72	20.77	7.46	-3.98	15.78