

Appendix 1 A full list of normalized down-regulated microRNA expression in the corneal endothelium of old mice compared to young mice

Name of miRNAs	Fold change	P-value
mmu-miR-31	0.462776873	0.019416
mmu-miR-103	0.664481989	0.080189
mmu-miR-1198-5p	0.457831718	0.355259
mmu-miR-200b	0.619939915	0.057038
mmu-miR-137*	0.649984655	0.749647
mmu-miR-495*	0.447794171	0.013763
mmu-miR-290-3p	0.601630715	0.536537
mmu-miR-151-5p	0.442042962	0.010255
mmu-miR-465a-5p	0.539345391	0.685381
mmu-miR-218	0.620944357	0.214166
mmu-miR-695	0.272310555	0.025762
mmu-miR-10a	0.074531478	0.37605
mmu-miR-205	0.636921342	0.13733
mmu-miR-1900	0.568593232	0.173167
mmu-miR-668	0.271013912	0.357579
mmu-miR-92b	0.335605539	0.099516
mmu-miR-3084	0.541353254	0.065613
mmu-miR-423-5p	0.586017221	0.300726
mmu-miR-425	0.643355921	0.280724
mmu-miR-872	0.397785908	0.158572
mmu-miR-361	0.555313042	0.254843
mmu-miR-181a	0.515702279	0.044888
mmu-miR-27a	0.609202041	0.190125
mmu-let-7g	0.448364331	0.26893
mmu-miR-374	0.554515582	0.099724
mmu-miR-744	0.509971609	0.009796
mmu-miR-183	0.533191422	0.018891
mmu-miR-675-5p	0.517183412	0.281113
mmu-miR-767	0.561206429	0.033928
mmu-miR-3103*	0.309230985	0.10073
mmu-miR-20b	0.460066264	0.105356
mmu-miR-676	0.340351016	0.104526
mmu-miR-204*	0.563519318	0.011238
mmu-miR-1895	0.611886802	0.10856
mmu-miR-1902	0.576137331	0.613195
mmu-let-7d*	0.598155422	0.162379
mmu-miR-26b	0.590786351	0.216478
mmu-miR-1843-3p	0.644600529	0.067755

mmu-miR-299*	0.510958809	162.5
mmu-miR-677*	0.518105211	0.144126
mmu-miR-101b	0.652751021	0.25836
mmu-miR-341	0.352720336	0.470157
mmu-miR-128	0.200707722	0.320868
mmu-miR-200a	0.482682197	0.146828
mmu-miR-883b-5p	0.596037603	0.645032
mmu-miR-148b	0.48983617	0.129057
mmu-miR-542-3p	0.394328081	0.264772
mmu-miR-182	0.416037535	0.022465
mmu-miR-708	0.113629722	0.169261
mmu-miR-194	0.287580154	0.044438
mmu-miR-1949	0.531215637	0.195129
mmu-miR-203	0.559541572	0.084907
mmu-miR-190	0.294507106	0.01881
mmu-miR-31*	0.547622077	0.015455
mmu-miR-674	0.364890632	0.232181
mmu-miR-423-3p	0.512620048	0.048526
mmu-miR-338-5p	0.404662329	0.553165
mmu-miR-484	0.274458221	0.290245
mmu-miR-200b*	0.449974291	0.106569
mghev-mir-M1-3*	0.537025406	0.372741
mghev-miR-M1-11-3p	0.30760158	0.289208
mmu-miR-129-1-3p	0.264484363	0.063935
mmu-miR-107	0.610649976	0.115991
mmu-miR-122*	0.130302784	0.14058
mmu-miR-377*	0.529650672	0.654382
mmu-miR-1892	0.633742997	0.570418
mmu-miR-1941-3p	0.361922129	0.583371
mmu-let-7i*	0.3287483	0.125172
mghev-miR-M1-12	0.477017303	0.302227
mghev-miR-M1-10	0.331187352	0.255878
mmu-miR-3098-3p	0.657711199	0.035118
mmu-miR-204	0.623520514	0.311424
mmu-miR-193	0.613575525	0.2948
mmu-miR-25*	0.34555109	0.104025
mmu-miR-25	0.600754343	0.129592
mmu-miR-3096-3p	0.599061983	0.058686
mmu-miR-429	0.585407103	0.132423
mmu-miR-677	0.490969381	0.075711
mmu-miR-32	0.611757156	0.008532
mmu-miR-2183	0.579648115	0.519852
mmu-miR-665*	0.399594575	0.007094
mmu-miR-503	0.609061365	0.128527

mmu-miR-503*	0.545648986	0.024991
mmu-miR-148a	0.479614544	0.064067
mmu-miR-200c	0.529949272	0.162937
mmu-miR-141*	0.353235277	0.22127
mmu-miR-320	0.360947122	0.074299
mmu-let-7i	0.398850016	0.187976
mmu-miR-15a	0.558002882	0.249067
mmu-miR-465c-5p	0.381735217	0.245583
mmu-miR-206	0.539910309	0.587543
mmu-miR-99b*	0.539357797	0.38638
mmu-miR-1903	0.470870526	0.352418
mmu-miR-96	0.355449408	0.151599
mmu-miR-7a	0.541358823	0.24666
mmu-miR-15b	0.4212474	0.132164
mmu-miR-1981*	0.473429579	0.192534
mmu-miR-141	0.477191842	0.291362
mmu-miR-133b	0.199537727	0.239494
mmu-miR-24-1*	0.531329168	0.087962
mmu-miR-697	0.191514054	0.202006
mmu-miR-181b	0.336481786	0.220417
mmu-miR-450a	0.591008988	0.392151
mmu-miR-455	0.362949595	0.042867
mmu-miR-93	0.53118553	0.291715
mmu-miR-181d	0.463628805	0.031944
mmu-miR-669d-2*	0.396694116	0.405049
mmu-miR-674*	0.069391392	0.306479
mmu-miR-185	0.568388099	0.465432
mmu-miR-328	0.572483206	0.228068
mmu-miR-3068*	0.617274034	0.189599
mmu-miR-30b*	0.662088918	0.262129
mmu-miR-574-3p	0.586097321	0.132016
mmu-miR-191	0.620023736	0.361833
mmu-miR-9*	0.340623543	0.369968
mmu-miR-23b	0.652687278	0.276697
mmu-miR-28	0.439904398	0.248215
mmu-miR-329*	0.560012918	0.533215
mmu-miR-344b*	0.474582394	0.577495
mmu-miR-344d	0.439326748	0.055884
