

## Appendix 1

### *Methods*

Tissue samples were fixed with 4% paraformaldehyde (Servicebio, Wuhan, China) and then made into paraffin sections in 4 microns. After deparaffinization, rehydration, and antigen retrieval and serum sealing, the paraffin sections were incubated with the 1:100 diluted anti-

advanced glycation end products (AGEs) antibody (ab23722, Abcam, Cambridge, MA, USA). Subsequently, the 3,3'-diaminobenzidine (DAB) color developing solution (Servicebio) was used to stain sections, and the hematoxylin stain solution (Servicebio) was used to counterstain nucleus. Images were obtained using a light microscope (Olympus, Tokyo, Japan).

**Table S1** Names of miRNAs selected from four databases

miRDB	StarBase	TargetScan	miRWalk
hsa-miR-1297	hsa-miR-200b-3p	hsa-miR-1297	hsa-let-7a-5p
hsa-miR-5011-5p	hsa-miR-200a-3p	hsa-miR-4465	hsa-let-7a-3p
hsa-miR-23a-3p	hsa-miR-429	hsa-miR-26b-5p	hsa-let-7a-2-3p
hsa-miR-5692c	hsa-miR-30e-5p	hsa-miR-26a-5p	hsa-let-7b-5p
hsa-miR-26a-5p	hsa-miR-30c-5p	hsa-miR-202-5p	hsa-let-7c-5p
hsa-miR-26b-5p	hsa-miR-186-5p	hsa-miR-219a-2-3p	hsa-let-7c-3p
hsa-miR-23c	hsa-miR-320b	hsa-miR-10a-5p	hsa-let-7d-5p
hsa-miR-23b-3p	hsa-miR-190b	hsa-miR-10b-5p	hsa-let-7d-3p
hsa-miR-4465	hsa-miR-92b-3p	hsa-miR-519d-3p	hsa-let-7e-5p
hsa-miR-5692b	hsa-miR-214-3p	hsa-miR-526b-3p	hsa-let-7f-5p
hsa-miR-4775	hsa-miR-181b-5p	hsa-miR-20b-5p	hsa-miR-15a-5p
hsa-miR-1277-5p	hsa-miR-181a-5p	hsa-miR-106b-5p	hsa-miR-17-5p
hsa-miR-513a-5p	hsa-miR-29c-3p	hsa-miR-93-5p	hsa-miR-17-3p
hsa-miR-29c-3p	hsa-miR-29b-3p	hsa-miR-20a-5p	hsa-miR-18a-5p
hsa-miR-29a-3p	hsa-miR-107	hsa-miR-17-5p	hsa-miR-19a-5p
hsa-miR-486-5p	hsa-miR-146b-5p	hsa-miR-106a-5p	hsa-miR-19b-1-5p
hsa-miR-29b-3p	hsa-miR-4295	hsa-miR-340-5p	hsa-miR-19b-2-5p
hsa-miR-494-3p	hsa-miR-210-3p	hsa-miR-542-3p	hsa-miR-20a-5p
hsa-miR-190a-3p	hsa-miR-130a-3p	hsa-miR-19b-3p	hsa-miR-20a-3p
hsa-miR-513c-3p	hsa-miR-200c-3p	hsa-miR-19a-3p	hsa-miR-22-3p
hsa-miR-32-5p	hsa-miR-141-3p	hsa-miR-3666	hsa-miR-23a-5p
hsa-miR-30d-3p	hsa-miR-148b-3p	hsa-miR-454-3p	hsa-miR-24-3p
hsa-miR-92b-3p	hsa-miR-26a-5p	hsa-miR-130b-3p	hsa-miR-24-2-5p
hsa-miR-3944-5p	hsa-miR-320d	hsa-miR-130a-3p	hsa-miR-25-5p
hsa-miR-8485	hsa-miR-1297	hsa-miR-301a-3p	hsa-miR-25-3p
hsa-miR-30a-3p	hsa-miR-17-5p	hsa-miR-301b-3p	hsa-miR-26a-5p
hsa-miR-3606-3p	hsa-miR-19a-3p	hsa-miR-4295	hsa-miR-26a-1-3p
hsa-miR-373-5p	hsa-miR-20a-5p	hsa-miR-338-3p	hsa-miR-26b-3p
hsa-miR-616-5p	hsa-miR-19b-3p	hsa-miR-186-5p	hsa-miR-27a-5p
hsa-miR-30e-3p	hsa-miR-92a-3p	hsa-miR-29c-3p	hsa-miR-27a-3p
hsa-miR-92a-3p	hsa-miR-299-3p	hsa-miR-29a-3p	hsa-miR-28-5p
hsa-miR-371b-5p	hsa-miR-494-3p	hsa-miR-29b-3p	hsa-miR-29a-5p
hsa-miR-367-3p	hsa-miR-543	hsa-miR-22-3p	hsa-miR-30a-3p
hsa-miR-363-3p	hsa-miR-495-3p	hsa-miR-486-5p	hsa-miR-31-5p
hsa-miR-188-5p	hsa-miR-539-5p	hsa-miR-205-5p	hsa-miR-31-3p
hsa-miR-25-3p	hsa-miR-382-5p	hsa-miR-188-5p	hsa-miR-33a-5p
hsa-miR-6866-3p	hsa-miR-134-5p	hsa-miR-6866-3p	hsa-miR-33a-3p
hsa-miR-590-3p	hsa-miR-485-5p	hsa-miR-224-5p	hsa-miR-92a-1-5p
hsa-miR-3064-3p	hsa-miR-154-5p	hsa-miR-193a-3p	hsa-miR-92a-3p
hsa-miR-4482-3p	hsa-miR-496	hsa-miR-193b-3p	hsa-miR-92a-2-5p
hsa-miR-3148	hsa-miR-410-3p	hsa-miR-382-5p	hsa-miR-93-5p
hsa-miR-3065-3p	hsa-miR-190a-5p	hsa-miR-103a-3p	hsa-miR-95-3p
hsa-miR-548a-3p	hsa-miR-193b-3p	hsa-miR-107	hsa-miR-96-5p
hsa-miR-198	hsa-miR-365a-3p	hsa-miR-216a-5p	hsa-miR-96-3p
hsa-miR-338-3p	hsa-miR-328-3p	hsa-miR-212-3p	hsa-miR-98-5p
hsa-miR-3616-3p	hsa-miR-22-3p	hsa-miR-132-3p	hsa-miR-99a-5p
hsa-miR-548e-3p	hsa-miR-132-3p	hsa-miR-6807-3p	hsa-miR-100-5p
hsa-miR-337-3p	hsa-miR-212-3p	hsa-miR-217	hsa-miR-101-5p
hsa-miR-548bc	hsa-miR-33b-5p	hsa-miR-141-3p	hsa-miR-29b-1-5p
hsa-miR-548az-3p	hsa-miR-144-3p	hsa-miR-200a-3p	hsa-miR-103a-2-5p
hsa-miR-548f-3p	hsa-miR-193a-3p	hsa-miR-505-3p.2	hsa-miR-103a-3p
hsa-miR-5688	hsa-miR-152-3p	hsa-miR-455-3p.2	hsa-miR-106a-5p
hsa-miR-19a-3p	hsa-miR-454-3p	hsa-miR-23b-3p	hsa-miR-106a-3p
hsa-miR-548a-3p	hsa-miR-301a-3p	hsa-miR-23a-3p	hsa-miR-107
hsa-miR-19b-3p	hsa-miR-320c	hsa-miR-130a-5p	hsa-miR-192-3p
hsa-miR-3135b	hsa-miR-23a-3p	hsa-miR-23c	hsa-miR-196a-5p
hsa-miR-4470	hsa-miR-181c-5p	hsa-miR-140-3p.2	hsa-miR-197-5p
hsa-miR-6507-5p	hsa-miR-181d-5p	hsa-miR-505-3p.1	hsa-miR-198
hsa-miR-367-5p	hsa-miR-519d-3p	hsa-miR-328-3p	hsa-miR-199a-5p
hsa-miR-495-3p	hsa-miR-520d-3p	hsa-miR-148a-3p	hsa-miR-199a-3p
hsa-miR-3974	hsa-miR-371a-5p	hsa-miR-152-3p	hsa-miR-208a-5p
hsa-miR-4662a-5p	hsa-miR-372-3p	hsa-miR-148b-3p	hsa-miR-129-5p
hsa-miR-548av-3p	hsa-miR-4429	hsa-miR-4262	hsa-miR-129-1-3p
hsa-miR-144-3p	hsa-miR-4262	hsa-miR-181c-5p	hsa-miR-148a-5p
hsa-miR-335-3p	hsa-miR-216a-5p	hsa-miR-181a-5p	hsa-miR-30c-5p
hsa-miR-4744	hsa-miR-216b-5p	hsa-miR-181b-5p	hsa-miR-30c-2-3p
hsa-miR-513b-3p	hsa-miR-26b-5p	hsa-miR-181d-5p	hsa-miR-139-5p
hsa-miR-6501-5p	hsa-miR-153-3p	hsa-miR-543	hsa-miR-139-3p
hsa-miR-1279	hsa-miR-103a-3p	hsa-miR-494-3p	hsa-miR-147a
hsa-miR-514a-3p	hsa-miR-296-3p	hsa-miR-653-5p	hsa-miR-7-5p
hsa-miR-466	hsa-miR-155-5p	hsa-miR-371a-5p	hsa-miR-7-1-3p
hsa-miR-514b-3p	hsa-miR-185-5p	hsa-miR-365b-3p	hsa-miR-10a-3p
hsa-miR-3658	hsa-miR-301b	hsa-miR-365a-3p	hsa-miR-10b-3p
hsa-miR-8063	hsa-miR-130b-3p	hsa-miR-410-3p	hsa-miR-181a-5p
hsa-miR-6730-3p	hsa-miR-425-5p	hsa-miR-374b-5p	hsa-miR-181a-2-3p
hsa-miR-6817-5p	hsa-let-7g-5p	hsa-miR-374a-5p	hsa-miR-181b-5p
hsa-miR-6512-5p	hsa-miR-369-3p	hsa-miR-369-3p	hsa-miR-182-3p
hsa-miR-505-3p	hsa-miR-146a-5p	hsa-miR-5590-3p	hsa-miR-183-5p
hsa-miR-4769-3p	hsa-miR-340-5p	hsa-miR-142-5p	hsa-miR-187-5p
hsa-miR-1285-3p	hsa-miR-219a-5p	hsa-miR-429	hsa-miR-187-3p
hsa-miR-4303	hsa-miR-30a-5p	hsa-miR-200c-3p	hsa-miR-196a-3p
hsa-miR-651-3p	hsa-miR-4465	hsa-miR-200b-3p	hsa-miR-199b-3p
hsa-miR-5189-5p	hsa-miR-148a-3p	hsa-miR-532-5p	hsa-miR-203a-3p
hsa-miR-4729	hsa-miR-590-3p	hsa-miR-4429	hsa-miR-204-5p
hsa-miR-6860	hsa-miR-25-3p	hsa-miR-320c	hsa-miR-204-3p
hsa-miR-612	hsa-miR-93-5p	hsa-miR-320b	hsa-miR-205-5p
hsa-miR-3187-5p	hsa-miR-106b-5p	hsa-miR-320d	hsa-miR-205-3p
hsa-miR-4328	hsa-miR-3666	hsa-miR-320a	hsa-miR-210-5p
hsa-miR-511-5p	hsa-miR-29a-3p	hsa-miR-25-3p	hsa-miR-210-3p
hsa-miR-596	hsa-miR-320a	hsa-miR-367-3p	hsa-miR-211-5p
hsa-miR-6801-5p	hsa-miR-599	hsa-miR-92b-3p	hsa-miR-211-3p
hsa-miR-3941	hsa-miR-30b-5p	hsa-miR-32-5p	hsa-miR-181a-3p
hsa-miR-10393-3p	hsa-miR-30d-5p	hsa-miR-363-3p	hsa-miR-214-5p
hsa-miR-10523-5p	hsa-miR-23b-3p	hsa-miR-92a-3p	hsa-miR-214-3p
hsa-miR-4290	hsa-miR-32-5p	hsa-miR-144-3p	hsa-miR-215-3p
hsa-miR-1468-3p	hsa-miR-455-5p	hsa-miR-425-5p	hsa-miR-216a-5p
hsa-miR-372-5p	hsa-miR-23c	hsa-miR-485-5p	hsa-miR-216a-3p
hsa-miR-570-3p	hsa-miR-223-3p	hsa-miR-6884-5p	hsa-miR-219a-1-3p
hsa-miR-548aw	hsa-miR-374b-5p	hsa-miR-329-3p	hsa-miR-221-5p
hsa-miR-889-3p	hsa-miR-374a-5p	hsa-miR-362-3p	hsa-miR-222-5p
hsa-miR-183-5p	hsa-miR-363-3p	hsa-miR-153-3p	hsa-miR-222-3p
hsa-miR-3128	hsa-miR-20b-5p	hsa-miR-495-3p	hsa-miR-223-3p
hsa-miR-3688-3p	hsa-miR-106a-5p	hsa-miR-5688	hsa-miR-224-5p
hsa-miR-4426	hsa-miR-542-3p	hsa-miR-296-3p	hsa-let-7g-5p
hsa-miR-575		hsa-miR-499a-5p	hsa-let-7g-3p
hsa-miR-4676-5p		hsa-miR-9-5p	hsa-let-7i-3p
hsa-miR-320d		Poorly conserved sites	hsa-miR-15b-5p
hsa-miR-4429		hsa-miR-642a-5p	hsa-miR-15b-3p
hsa-miR-9902		hsa-miR-2276-5p	hsa-miR-23b-3p
hsa-miR-320c		hsa-miR-6892-3p	hsa-miR-27b-5p
hsa-miR-4638-3p		hsa-miR-4694-5p	hsa-miR-27b-3p
hsa-miR-4738-3p		hsa-miR-335-3p	hsa-miR-30b-5p
hsa-miR-320a-3p		hsa-miR-4272	hsa-miR-30b-3p
hsa-miR-509-3p		hsa-miR-4328	hsa-miR-122-5p
hsa-miR-9-5p		hsa-miR-30e-3p	hsa-miR-124-5p
hsa-miR-320b		hsa-miR-30a-3p	hsa-miR-125b-5p
hsa-miR-4520-2-3p		hsa-miR-30d-3p	hsa-miR-125b-1-3p
hsa-miR-7855-5p		hsa-miR-1250-3p	hsa-miR-130a-3p
hsa-miR-148a-3p		hsa-miR-4668-5p	hsa-miR-132-5p
hsa-miR-152-3p		hsa-miR-4776-3p	hsa-miR-132-3p
hsa-miR-5589-3p		hsa-miR-5590-5p	hsa-miR-133a-5p
hsa-miR-4531		hsa-miR-4659a-5p	hsa-miR-133a-3p
hsa-miR-148b-3p		hsa-miR-4659b-5p	hsa-miR-135a-5p
hsa-miR-642a-3p		hsa-miR-676-3p	hsa-miR-135a-2-3p
hsa-miR-642b-3p		hsa-miR-642b-3p	hsa-miR-137-5p
hsa-miR-186-5p		hsa-miR-642a-3p	hsa-miR-140-3p
hsa-miR-7-1-3p		hsa-miR-6730-3p	hsa-miR-141-3p
hsa-miR-4524a-5p		hsa-miR-3660	hsa-miR-142-3p
hsa-miR-7-2-3p		hsa-miR-6719-3p	hsa-miR-143-5p
hsa-miR-4524b-5p		hsa-miR-4526	hsa-miR-143-3p
hsa-miR-4761-5p		hsa-miR-4490	hsa-miR-144-5p
hsa-miR-7702		hsa-miR-582-3p	hsa-miR-152-5p
hsa-miR-141-3p		hsa-miR-337-3p	hsa-miR-152-3p
hsa-miR-589-3p		hsa-miR-4326	hsa-miR-153-3p
hsa-miR-596		hsa-miR-3123	hsa-miR-191-5p
hsa-miR-4698		hsa-miR-4311	hsa-miR-9-3p
hsa-miR-6124		hsa-miR-6124	hsa-miR-125a-5p
hsa-miR-33a-3p		hsa-miR-873-5p.1	hsa-miR-125a-3p
hsa-miR-449b-3p		hsa-miR-6801-5p	hsa-miR-125b-2-3p
hsa-miR-383-3p		hsa-miR-5587-5p	hsa-miR-127-5p
hsa-miR-16-1-3p		hsa-miR-509-3p	hsa-miR-127-3p
hsa-miR-4687-3p		hsa-miR-6755-5p	hsa-miR-129-2-3p
hsa-miR-676-5p		hsa-miR-6841-5p	hsa-miR-134-5p
hsa-miR-100-3p		hsa-miR-135a-3p	hsa-miR-136-3p
hsa-miR-3691-5p		hsa-miR-3171	hsa-miR-149-5p
hsa-miR-1227-3p		hsa-miR-4764-5p	hsa-miR-150-5p
hsa-miR-4699-3p		hsa-miR-3691-5p	hsa-miR-154-5p
hsa-miR-1299		hsa-miR-4752	hsa-miR-154-3p
hsa-miR-4530		hsa-miR-376b-5p	hsa-miR-184
hsa-miR-548c-3p		hsa-miR-376c-5p	hsa-miR-185-5p
hsa-miR-548b-5p		hsa-miR-8056	hsa-miR-185-3p
hsa-miR-5571-5p		hsa-miR-7114-5p	hsa-miR-186-3p
hsa-miR-578		hsa-miR-6732-3p	hsa-miR-188-5p
hsa-miR-6797-3p		hsa-miR-548as-3p	hsa-miR-188-3p
hsa-miR-4643		hsa-miR-548o-3p	hsa-miR-193a-3p
hsa-miR-153-3p		hsa-miR-1323	hsa-miR-195-5p
hsa-miR-4789-3p		hsa-miR-6513-3p	hsa-miR-195-3p
hsa-miR-4262		hsa-miR-3529-3p	hsa-miR-206
hsa-miR-3126-3p		hsa-miR-4638-3p	hsa-miR-320a-3p
hsa-miR-543		hsa-miR-3654	hsa-miR-200c-5p
hsa-miR-5681a		hsa-miR-1305	hsa-miR-200c-3p
hsa-miR-2277-3p		hsa-miR-4731-3p	hsa-miR-128-2-5p
hsa-miR-1250-3p		hsa-miR-4801	hsa-miR-194-3p
hsa-miR-6768-5p		hsa-miR-5690	hsa-miR-106b-5p
hsa-miR-4471		hsa-miR-548m	hsa-miR-29c-5p
hsa-miR-5001-3p		hsa-miR-514b-3p	hsa-miR-30c-1-3p
hsa-miR-216b-5p		hsa-miR-514a-3p	hsa-miR-200a-3p
hsa-miR-200a-3p		hsa-miR-590-3p	hsa-miR-302a-5p
hsa-miR-653-5p		hsa-miR-183-3p	hsa-miR-302a-3p
hsa-miR-3922-3p		hsa-miR-4452	hsa-miR-219a-2-3p
hsa-miR-433-3p		hsa-miR-500a-5p	hsa-miR-34b-5p
hsa-miR-181c-5p		hsa-miR-4477a	hsa-miR-34c-5p
hsa-miR-181d-5p		hsa-miR-6733-5p	hsa-miR-299-3p
hsa-miR-181a-5p		hsa-miR-6739-5p	hsa-miR-301a-5p
hsa-miR-548as-3p		hsa-miR-3153	hsa-miR-301a-3p
hsa-miR-181b-5p		hsa-miR-4681	hsa-miR-99b-3p
hsa-miR-6815-3p		hsa-miR-548ad-3p	hsa-miR-130b-5p
hsa-miR-4289		hsa-miR-424-3p	hsa-miR-30e-3p
hsa-miR-3176		hsa-miR-6505-5p	hsa-miR-361-5p
hsa-miR-203b-3p		hsa-miR-6128	hsa-miR-362-5p
hsa-miR-22-3p		hsa-miR-548ar-3p	hsa-miR-363-5p
hsa-miR-548x-5p		hsa-miR-548az-3p	hsa-miR-363-3p
hsa-miR			



Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
hsa-miR-302c-5p		hsa-miR-1273f	hsa-miR-489-5p
hsa-miR-744-3p		hsa-miR-620	hsa-miR-489-3p
hsa-miR-15b-3p		hsa-miR-1270	hsa-miR-490-5p
hsa-miR-579-3p		hsa-miR-4683	hsa-miR-490-3p
hsa-miR-452b		hsa-miR-3135b	hsa-miR-491-3p
hsa-miR-548m		hsa-miR-3121-3p	hsa-miR-511-5p
hsa-let-7a-3p		hsa-miR-6867-5p	hsa-miR-146b-5p
hsa-miR-4282		hsa-miR-3650	hsa-miR-146b-3p
hsa-miR-98-3p		hsa-miR-6730-5p	hsa-miR-202-3p
hsa-miR-559		hsa-miR-3133	hsa-miR-492
hsa-miR-1910-3p		hsa-miR-4744	hsa-miR-493-5p
hsa-miR-5587-5p		hsa-miR-3137	hsa-miR-432-5p
hsa-miR-4667-5p		hsa-miR-1183	hsa-miR-432-3p
hsa-miR-140-3p		hsa-miR-488-5p	hsa-miR-494-3p
hsa-miR-3163		hsa-miR-1238-3p	hsa-miR-495-5p
hsa-miR-582-3p		hsa-miR-2277-3p	hsa-miR-193b-5p
hsa-miR-4694-3p		hsa-miR-5190	hsa-miR-193b-3p
hsa-miR-587		hsa-miR-4519	hsa-miR-497-5p
hsa-miR-6511a-5p		hsa-let-7i-3p	hsa-miR-497-3p
hsa-let-7b-3p		hsa-miR-5682	hsa-miR-181d-5p
hsa-miR-8089		hsa-miR-6871-3p	hsa-miR-181d-3p
hsa-miR-6728-5p		hsa-miR-1287-3p	hsa-miR-498-5p
hsa-miR-4436b-5p		hsa-miR-627-3p	hsa-miR-520e-5p
hsa-miR-369-3p		hsa-miR-6882-3p	hsa-miR-520e-3p
hsa-miR-5088-3p		hsa-miR-10b-3p	hsa-miR-515-3p
hsa-let-7f-1-3p		hsa-miR-5683	hsa-miR-519e-5p
hsa-miR-1226-5p		hsa-miR-323b-3p	hsa-miR-519e-3p
hsa-miR-183-3p		hsa-miR-7152-5p	hsa-miR-520f-3p
hsa-miR-7152-5p		hsa-miR-1298-5p	hsa-miR-519c-5p
hsa-miR-4310		hsa-miR-6853-3p	hsa-miR-526b-5p
hsa-miR-4709-3p		hsa-miR-298	hsa-miR-519b-5p
hsa-miR-4529-3p		hsa-miR-1273h-3p	hsa-miR-525-5p
hsa-miR-519b-3p		hsa-miR-3678-3p	hsa-miR-523-5p
hsa-miR-4765		hsa-miR-4684-3p	hsa-miR-523-3p
hsa-miR-519a-3p		hsa-miR-4662b	hsa-miR-526a-5p
hsa-miR-6083		hsa-miR-4647	hsa-miR-520c-5p
hsa-miR-6740-3p		hsa-miR-4426	hsa-miR-520c-3p
hsa-miR-3133		hsa-miR-6833-5p	hsa-miR-518c-5p
hsa-miR-4516		hsa-miR-664b-3p	hsa-miR-519d-5p
hsa-miR-6876-5p		hsa-miR-579-3p	hsa-miR-519d-3p
hsa-miR-3925-5p		hsa-miR-5696	hsa-miR-521
hsa-miR-548az-3p		hsa-miR-5088-3p	hsa-miR-520d-5p
hsa-miR-532-5p		hsa-miR-6083	hsa-miR-520d-3p
hsa-miR-548t-5p		hsa-miR-4289	hsa-miR-520g-5p
hsa-miR-511-3p		hsa-miR-616-3p	hsa-miR-520g-3p
hsa-miR-4476		hsa-miR-584-5p	hsa-miR-516b-5p
hsa-miR-224-5p		hsa-miR-218-2-3p	hsa-miR-518e-5p
hsa-miR-3936		hsa-miR-758-5p	hsa-miR-518a-5p
hsa-miR-5192		hsa-miR-4729	hsa-miR-518d-5p
hsa-miR-519c-3p		hsa-miR-6877-3p	hsa-miR-520h
hsa-miR-7155-3p		hsa-miR-6819-3p	hsa-miR-522-5p
hsa-miR-3201		hsa-miR-6844	hsa-miR-519a-5p
hsa-miR-6815-5p		hsa-miR-498	hsa-miR-527
hsa-miR-141-5p		hsa-miR-33a-3p	hsa-miR-516a-5p
hsa-miR-561-3p		hsa-miR-409-3p	hsa-miR-499a-3p
hsa-miR-8058		hsa-miR-551b-5p	hsa-miR-500a-3p
hsa-miR-4716-5p		hsa-miR-570-3p	hsa-miR-501-5p
hsa-miR-7154-5p		hsa-miR-539-5p	hsa-miR-501-3p
hsa-miR-3136-3p		hsa-miR-580-3p	hsa-miR-502-5p
hsa-miR-143-5p		hsa-miR-4461	hsa-miR-502-3p
hsa-miR-6865-5p		hsa-miR-7849-3p	hsa-miR-450a-2-3p
hsa-miR-3923		hsa-miR-4434	hsa-miR-503-5p
hsa-miR-4291		hsa-miR-5703	hsa-miR-504-5p
hsa-miR-6128		hsa-miR-4516	hsa-miR-504-3p
hsa-miR-4666a-5p		hsa-miR-4531	hsa-miR-505-5p
hsa-miR-708-3p		hsa-miR-4534	hsa-miR-513a-3p
hsa-miR-1269a		hsa-miR-8082	hsa-miR-506-5p
hsa-miR-4740-5p		hsa-miR-6888-5p	hsa-miR-508-3p
hsa-miR-1269b		hsa-miR-4768-3p	hsa-miR-509-5p
hsa-miR-4680-3p		hsa-miR-6768-5p	hsa-miR-510-5p
hsa-miR-4735-5p		hsa-miR-4672	hsa-miR-514a-5p
hsa-miR-8076		hsa-miR-3941	hsa-miR-532-5p
hsa-miR-4534		hsa-miR-3176	hsa-miR-455-5p
hsa-miR-7157-5p		hsa-miR-3922-3p	hsa-miR-455-3p
hsa-miR-4326		hsa-miR-585-5p	hsa-miR-487b-5p
hsa-miR-6847-5p		hsa-miR-374b-3p	hsa-miR-487b-3p
hsa-miR-6758-3p		hsa-miR-4680-3p	hsa-miR-552-3p
hsa-miR-3160-5p		hsa-miR-4427	hsa-miR-554
hsa-miR-18b-3p		hsa-miR-5187-3p	hsa-miR-555
hsa-miR-7159-3p		hsa-miR-4637	hsa-miR-556-5p
hsa-miR-548j-5p		hsa-miR-3136-5p	hsa-miR-557
hsa-miR-498-5p		hsa-miR-4439	hsa-miR-558
hsa-miR-5590-3p		hsa-miR-6855-3p	hsa-miR-564
hsa-miR-548c-5p		hsa-miR-4513	hsa-miR-567
hsa-miR-708-5p		hsa-miR-6857-3p	hsa-miR-551b-5p
hsa-miR-1267		hsa-miR-943	hsa-miR-571
hsa-miR-548b-5p		hsa-miR-495-5p	hsa-miR-573
hsa-miR-142-5p		hsa-miR-595	hsa-miR-574-3p
hsa-miR-548ad-5p		hsa-miR-628-3p	hsa-miR-575
hsa-miR-548d-5p		hsa-miR-3923	hsa-miR-578
hsa-miR-548h-5p		hsa-miR-7844-5p	hsa-miR-579-5p
hsa-miR-548a-5p		hsa-miR-4678	hsa-miR-582-5p
hsa-miR-28-5p		hsa-miR-3619-5p	hsa-miR-584-5p
hsa-miR-4672		hsa-miR-761	hsa-miR-585-5p
hsa-miR-6889-3p		hsa-miR-214-3p	hsa-miR-585-3p
hsa-miR-548i		hsa-miR-140-3p.1	hsa-miR-548a-3p
hsa-miR-548as-5p		hsa-miR-8060	hsa-miR-586
hsa-miR-548w		hsa-miR-5589-3p	hsa-miR-550a-5p
hsa-miR-6842-3p		hsa-miR-4514	hsa-miR-593-5p
hsa-miR-548ab		hsa-miR-4692	hsa-miR-593-3p
hsa-miR-875-3p		hsa-miR-6511b-5p	hsa-miR-596
hsa-miR-548ay-5p		hsa-miR-6811-5p	hsa-miR-597-5p
hsa-miR-548o-5p		hsa-miR-4327	hsa-miR-598-5p
hsa-miR-548ap-5p		hsa-miR-100-3p	hsa-miR-598-3p
hsa-miR-548ar-5p		hsa-miR-520d-5p	hsa-miR-599
hsa-miR-4764-5p		hsa-miR-524-5p	hsa-miR-600
hsa-miR-3139		hsa-miR-7157-5p	hsa-miR-601
hsa-miR-548au-5p		hsa-miR-4310	hsa-miR-602
hsa-miR-548y		hsa-miR-3944-5p	hsa-miR-604
hsa-miR-548ae-5p		hsa-miR-143-5p	hsa-miR-605-5p
hsa-miR-548am-5p		hsa-miR-5008-3p	hsa-miR-605-3p
hsa-miR-548aq-5p		hsa-miR-6737-3p	hsa-miR-608
hsa-miR-548ak		hsa-miR-7157-3p	hsa-miR-613
hsa-miR-548bb-5p		hsa-miR-6889-3p	hsa-miR-614
hsa-miR-5692a		hsa-miR-4743-3p	hsa-miR-615-3p
hsa-miR-15b-5p		hsa-miR-4652-3p	hsa-miR-616-5p
hsa-miR-5009-5p		hsa-miR-513c-3p	hsa-miR-616-3p
hsa-miR-16-5p		hsa-miR-3606-3p	hsa-miR-617
hsa-miR-148a-5p		hsa-miR-513a-3p	hsa-miR-619-5p
hsa-miR-146b-3p		hsa-miR-372-5p	hsa-miR-619-3p
hsa-miR-628-3p		hsa-miR-373-5p	hsa-miR-621
hsa-miR-6738-3p		hsa-miR-371b-5p	hsa-miR-625-5p
hsa-miR-6529-3p		hsa-miR-4693-5p	hsa-miR-628-5p
hsa-miR-15a-5p		hsa-miR-676-5p	hsa-miR-631
hsa-miR-195-5p		hsa-miR-4711-5p	hsa-miR-33b-5p
hsa-miR-450a-1-3p		hsa-miR-7112-3p	hsa-miR-33b-3p
hsa-miR-551b-5p		hsa-miR-372-3p	hsa-miR-632
hsa-miR-676-3p		hsa-miR-302e	hsa-miR-634
hsa-miR-6754-3p		hsa-miR-520e	hsa-miR-635
		hsa-miR-520d-3p	hsa-miR-637
		hsa-miR-302c-3p.1	hsa-miR-638
		hsa-miR-520c-3p	hsa-miR-639
		hsa-miR-520b	hsa-miR-641
		hsa-miR-520a-3p	hsa-miR-642a-3p
		hsa-miR-373-3p	hsa-miR-643
		hsa-miR-302b-3p	hsa-miR-644a
		hsa-miR-302d-3p	hsa-miR-646
		hsa-miR-302a-3p	hsa-miR-647
		hsa-miR-5585-3p	hsa-miR-648
		hsa-miR-337-5p	hsa-miR-650
		hsa-miR-6745	hsa-miR-652-3p
		hsa-miR-363-5p	hsa-miR-661
		hsa-miR-3974	hsa-miR-662
		hsa-miR-511-3p	hsa-miR-663a
		hsa-miR-2054	hsa-miR-449b-5p
		hsa-miR-664a-3p	hsa-miR-449b-3p
		hsa-miR-4760-3p	hsa-miR-653-3p
		hsa-miR-1468-3p	hsa-miR-654-5p
		hsa-miR-548aj-5p	hsa-miR-654-3p
		hsa-miR-548g-5p	hsa-miR-655-5p
		hsa-miR-548x-5p	hsa-miR-657
		hsa-miR-548f-5p	hsa-miR-658
		hsa-miR-548aw	hsa-miR-659-5p
		hsa-miR-548av-3p	hsa-miR-660-3p
		hsa-miR-569	hsa-miR-542-5p
		hsa-miR-6883-3p	hsa-miR-542-3p
		hsa-miR-5697	hsa-miR-758-5p
		hsa-miR-16-1-3p	hsa-miR-758-3p
		hsa-miR-222-5p	hsa-miR-1264
		hsa-miR-506-5p	hsa-miR-671-5p
		hsa-miR-892c-5p	hsa-miR-668-5p
		hsa-miR-630	hsa-miR-550a-3-5p
		hsa-miR-3924	hsa-miR-767-5p
		hsa-miR-4528	hsa-miR-767-3p
		hsa-miR-1277-5p	hsa-miR-1224-5p
		hsa-miR-889-3p	hsa-miR-1224-3p
		hsa-miR-302c-5p	hsa-miR-151b
		hsa-miR-552-5p	hsa-miR-320b
		hsa-miR-4735-5p	hsa-miR-320c
		hsa-miR-618	hsa-miR-1296-5p
		hsa-miR-891b	hsa-miR-1323
		hsa-miR-4772-3p	hsa-miR-1271-3p
		hsa-miR-4418	hsa-miR-1301-5p
		hsa-miR-509-3-5p	hsa-miR-1185-2-3p
		hsa-miR-509-5p	hsa-miR-449c-5p
		hsa-miR-561-3p	hsa-miR-449c-3p
		hsa-miR-488-3p	hsa-miR-378d
		hsa-miR-6818-5p	hsa-miR-1185-1-3p
		hsa-miR-147a	hsa-miR-670-3p
		hsa-miR-5010-3p	hsa-miR-1298-5p
		hsa-miR-2113	hsa-miR-1298-3p
		hsa-miR-129-5p	hsa-miR-2113
		hsa-miR-511-5p	hsa-miR-761
		hsa-miR-6830-3p	hsa-miR-759
		hsa-miR-105-5p	hsa-miR-765
		hsa-miR-7853-5p	hsa-miR-770-5p
		hsa-miR-548c-3p	hsa-miR-675-3p
		hsa-miR-4724-5p	hsa-miR-891a-3p
		hsa-miR-1197	hsa-miR-892a
		hsa-miR-8065	hsa-miR-450b-3p
		hsa-miR-6835-3p	hsa-miR-874-5p
		hsa-miR-4422	hsa-miR-888-3p
		hsa-miR-95-5p	hsa-miR-541-5p
		hsa-miR-6826-5p	hsa-miR-541-3p
		hsa-miR-26a-2-3p	hsa-miR-875-5p
		hsa-miR-26a-1-3p	hsa-miR-708-5p
		hsa-miR-652-5p	hsa-miR-708-3p
		hsa-miR-548d-3p	hsa-miR-147b-3p
		hsa-miR-548ac	hsa-miR-744-5p
		hsa-miR-548z	hsa-miR-744-3p
		hsa-miR-548bb-3p	hsa-miR-885-3p
		hsa-miR-548h-3p	hsa-miR-877-5p
		hsa-miR-7159-5p	hsa-miR-877-3p
		hsa-miR-421	hsa-miR-887-5p
		hsa-miR-580-5p	hsa-miR-887-3p
		hsa-miR-5680	hsa-miR-665
		hsa-miR-3185	hsa-miR-760
		hsa-miR-1343-5p	hsa-miR-301b-5p
		hsa-miR-939-5p	hsa-miR-216b-5p
		hsa-miR-4723-5p	hsa-miR-920
		hsa-miR-5698	hsa-miR-921
		hsa-miR-7111-5p	hsa-miR-922
		hsa-miR-6870-5p	hsa-miR-509-3-5p
		hsa-miR-4787-5p	hsa-miR-933
		hsa-miR-5588-3p	hsa-miR-936
		hsa-miR-2114-5p	hsa-miR-937-5p
		hsa-miR-554	hsa-miR-939-5p
		hsa-miR-7843-3p	hsa-miR-939-3p
		hsa-miR-4786-3p	hsa-miR-941
		hsa-miR-127-5p	hsa-miR-943
		hsa-miR-3653-3p	hsa-miR-297
		hsa-miR-3658	hsa-miR-1178-3p
		hsa-miR-7856-5p	hsa-miR-1180-5p
		hsa-miR-3682-3p	hsa-miR-1180-3p
		hsa-miR-1272	hsa-miR-1182
		hsa-miR-1322	hsa-miR-1183
		hsa-miR-3671	hsa-miR-1184
		hsa-miR-3945	hsa-miR-1226-3p
		hsa-miR-4253	hsa-miR-1227-5p

Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
		hsa-miR-412-3p	hsa-miR-1285-3p
		hsa-miR-6754-3p	hsa-miR-1286
		hsa-miR-141-5p	hsa-miR-1287-5p
		hsa-miR-5692c	hsa-miR-1287-3p
		hsa-miR-5692b	hsa-miR-1289
		hsa-miR-875-3p	hsa-miR-1290
		hsa-miR-1299	hsa-miR-1293
		hsa-miR-5706	hsa-miR-1294
		hsa-miR-4782-5p	hsa-miR-1295a
		hsa-miR-516b-5p	hsa-miR-1299
		hsa-miR-4709-3p	hsa-miR-548l
		hsa-miR-493-3p	hsa-miR-1304-5p
		hsa-miR-4761-5p	hsa-miR-1244
		hsa-miR-513b-3p	hsa-miR-1245a
		hsa-miR-607	hsa-miR-1246
		hsa-miR-6074	hsa-miR-1248
		hsa-miR-3201	hsa-miR-1249-5p
		hsa-miR-4791	hsa-miR-1250-5p
		hsa-miR-1287-5p	hsa-miR-1250-3p
		hsa-miR-3652	hsa-miR-1257
		hsa-miR-4430	hsa-miR-1258
		hsa-miR-6842-3p	hsa-miR-1263
		hsa-miR-5787	hsa-miR-1265
		hsa-miR-4505	hsa-miR-548o-3p
		hsa-miR-889-5p	hsa-miR-1268a
		hsa-miR-4698	hsa-miR-1269a
		hsa-miR-6512-5p	hsa-miR-1272
		hsa-miR-3144-3p	hsa-miR-1275
		hsa-miR-4694-3p	hsa-miR-1276
		hsa-miR-3065-3p	hsa-miR-1278
		hsa-miR-383-3p	hsa-miR-1282
		hsa-miR-4291	hsa-miR-1284
		hsa-miR-205-3p	hsa-miR-1288-5p
		hsa-miR-3606-5p	hsa-miR-1288-3p
		hsa-miR-370-5p	hsa-miR-1292-5p
		hsa-miR-1193	hsa-miR-1255b-2-3p
		hsa-miR-708-3p	hsa-miR-664a-5p
		hsa-miR-4742-3p	hsa-miR-1306-5p
		hsa-miR-325	hsa-miR-1306-3p
		hsa-miR-1301-5p	hsa-miR-513b-3p
		hsa-miR-6502-5p	hsa-miR-513c-3p
		hsa-miR-138-2-3p	hsa-miR-1322
		hsa-miR-5001-3p	hsa-miR-1197
		hsa-miR-6738-3p	hsa-miR-1324
		hsa-miR-4727-5p	hsa-miR-1469
		hsa-miR-6874-3p	hsa-miR-1538
		hsa-miR-148b-5p	hsa-miR-320d
		hsa-miR-148a-5p	hsa-miR-1825
		hsa-miR-4670-3p	hsa-miR-1827
		hsa-miR-8061	hsa-miR-1909-5p
		hsa-miR-4760-5p	hsa-miR-1910-5p
		hsa-miR-6507-5p	hsa-miR-1910-3p
		hsa-miR-4699-3p	hsa-miR-1911-3p
		hsa-miR-3688-3p	hsa-miR-1912-5p
		hsa-miR-624-3p	hsa-miR-1912-3p
		hsa-miR-888-3p	hsa-miR-1914-5p
		hsa-miR-4738-3p	hsa-miR-1915-5p
		hsa-miR-2053	hsa-miR-1972
		hsa-miR-605-5p	hsa-miR-1973
		hsa-miR-190a-3p	hsa-miR-2110
		hsa-miR-5011-5p	hsa-miR-2114-5p
		hsa-miR-5684	hsa-miR-2114-3p
		hsa-miR-4705	hsa-miR-2115-5p
		hsa-miR-556-5p	hsa-miR-2116-5p
		hsa-miR-520f-5p	hsa-miR-548q
		hsa-miR-6818-3p	hsa-miR-2276-5p
		hsa-miR-593-3p	hsa-miR-2276-3p
		hsa-miR-6895-3p	hsa-miR-2277-5p
		hsa-miR-3152-3p	hsa-miR-2681-5p
		hsa-miR-7854-3p	hsa-miR-2682-5p
		hsa-miR-6134	hsa-miR-711
		hsa-miR-1294	hsa-miR-2861
		hsa-miR-4710	hsa-miR-3116
		hsa-miR-4792	hsa-miR-3117-3p
		hsa-miR-6815-5p	hsa-miR-3118
		hsa-miR-6865-5p	hsa-miR-3119
		hsa-miR-6509-5p	hsa-miR-3120-5p
		hsa-miR-331-5p	hsa-miR-3120-3p
		hsa-miR-153-5p	hsa-miR-3121-5p
		hsa-miR-16-2-3p	hsa-miR-3121-3p
		hsa-miR-195-3p	hsa-miR-3122
		hsa-miR-7-2-3p	hsa-miR-3124-5p
		hsa-miR-7-1-3p	hsa-miR-548s
		hsa-miR-194-5p	hsa-miR-3125
		hsa-miR-4746-3p	hsa-miR-3126-5p
		hsa-miR-5583-3p	hsa-miR-3126-3p
		hsa-miR-4517	hsa-miR-3129-3p
		hsa-miR-548at-5p	hsa-miR-3130-5p
		hsa-miR-1279	hsa-miR-3130-3p
		hsa-miR-5580-3p	hsa-miR-3131
		hsa-miR-4716-5p	hsa-miR-3132
		hsa-miR-4290	hsa-miR-378b
		hsa-miR-6851-3p	hsa-miR-3134
		hsa-miR-6775-3p	hsa-miR-3135a
		hsa-miR-1291	hsa-miR-466
		hsa-miR-631	hsa-miR-3136-5p
		hsa-miR-3661	hsa-miR-3136-3p
		hsa-miR-5692a	hsa-miR-544b
		hsa-miR-6758-3p	hsa-miR-3138
		hsa-miR-8063	hsa-miR-3139
		hsa-miR-510-3p	hsa-miR-3140-3p
		hsa-miR-3613-3p	hsa-miR-3141
		hsa-miR-513c-5p	hsa-miR-3142
		hsa-miR-514b-5p	hsa-miR-3144-5p
		hsa-miR-6815-3p	hsa-miR-3144-3p
		hsa-miR-4708-3p	hsa-miR-1273c
		hsa-miR-3662	hsa-miR-3147
		hsa-miR-587	hsa-miR-548v
		hsa-miR-568	hsa-miR-3150a-3p
		hsa-miR-5192	hsa-miR-3152-3p
		hsa-miR-4428	hsa-miR-3153
		hsa-miR-3173-3p	hsa-miR-3074-5p
		hsa-miR-6891-5p	hsa-miR-3154
		hsa-miR-548a-5p	hsa-miR-3155a
		hsa-miR-548ar-5p	hsa-miR-3156-5p
		hsa-miR-548h-5p	hsa-miR-3157-5p
		hsa-miR-548c-5p	hsa-miR-3157-3p
		hsa-miR-548am-5p	hsa-miR-3158-5p
		hsa-miR-548j-5p	hsa-miR-3158-3p
		hsa-miR-548au-5p	hsa-miR-3159
		hsa-miR-548o-5p	hsa-miR-3160-5p
		hsa-miR-548ap-5p	hsa-miR-3160-3p
		hsa-miR-548w	hsa-miR-3161
		hsa-miR-548ak	hsa-miR-3162-5p
		hsa-miR-548as-5p	hsa-miR-3162-3p
		hsa-miR-548ae-5p	hsa-miR-3163
		hsa-miR-548i	hsa-miR-3165
		hsa-miR-548y	hsa-miR-3166
		hsa-miR-548b-5p	hsa-miR-3167
		hsa-miR-548ad-5p	hsa-miR-3169
		hsa-miR-548d-5p	hsa-miR-3171
		hsa-miR-548bb-5p	hsa-miR-3173-3p
		hsa-miR-548ay-5p	hsa-miR-1193
		hsa-miR-548ab	hsa-miR-323b-3p
		hsa-miR-548aq-5p	hsa-miR-3174
		hsa-miR-559	hsa-miR-3175
		hsa-miR-8054	hsa-miR-3176
		hsa-miR-548av-5p	hsa-miR-3177-5p
		hsa-miR-548k	hsa-miR-3177-3p
		hsa-miR-548l	hsa-miR-3178
		hsa-miR-6857-5p	hsa-miR-548w
		hsa-miR-4450	hsa-miR-3181
		hsa-miR-6890-5p	hsa-miR-3183
		hsa-miR-3675-5p	hsa-miR-3184-5p
		hsa-miR-7159-3p	hsa-miR-3185
		hsa-miR-3655	hsa-miR-3065-3p
		hsa-miR-578	hsa-miR-3186-3p
		hsa-miR-4703-5p	hsa-miR-3187-5p
		hsa-miR-3942-5p	hsa-miR-3187-3p
		hsa-miR-4766-3p	hsa-miR-3188
		hsa-miR-3908	hsa-miR-3189-3p
		hsa-miR-103b	hsa-miR-3190-5p
		hsa-miR-4704-3p	hsa-miR-3190-3p
		hsa-miR-3117-3p	hsa-miR-3191-3p
		hsa-miR-8083	hsa-miR-3192-5p
		hsa-miR-4759	hsa-miR-3192-3p
		hsa-miR-3169	hsa-miR-3193
		hsa-miR-6817-5p	hsa-miR-3194-3p
		hsa-miR-4769-3p	hsa-miR-3196
		hsa-miR-3155b	hsa-miR-3198
		hsa-miR-3155a	hsa-miR-3199
		hsa-miR-484	hsa-miR-3200-3p
		hsa-miR-5700	hsa-miR-514b-5p
		hsa-miR-4756-3p	hsa-miR-3202
		hsa-miR-3919	hsa-miR-4297
		hsa-miR-3180-5p	hsa-miR-378c
		hsa-miR-320e	hsa-miR-4294
		hsa-miR-1324	hsa-miR-4299
		hsa-miR-5581-5p	hsa-miR-4298
		hsa-miR-4297	hsa-miR-4300
		hsa-miR-3609	hsa-miR-4304
		hsa-miR-548ah-5p	hsa-miR-4302
		hsa-miR-548t-5p	hsa-miR-4303
		hsa-miR-548az-5p	hsa-miR-4306
		hsa-miR-548n	hsa-miR-4309
		hsa-miR-302a-5p	hsa-miR-4308
		hsa-miR-3160-5p	hsa-miR-4312
		hsa-miR-7155-3p	hsa-miR-4313
		hsa-miR-3136-3p	hsa-miR-4315
		hsa-miR-7160-3p	hsa-miR-4316
		hsa-miR-3918	hsa-miR-4314
		hsa-miR-150-3p	hsa-miR-4319
		hsa-miR-5579-5p	hsa-miR-4320
		hsa-miR-6728-5p	hsa-miR-4322
		hsa-miR-5187-5p	hsa-miR-4324
		hsa-miR-769-3p	hsa-miR-4258
		hsa-miR-6513-5p	hsa-miR-4259
		hsa-miR-450b-3p	hsa-miR-4251
		hsa-miR-5089-5p	hsa-miR-4255
		hsa-miR-1283	hsa-miR-4252
		hsa-miR-187-5p	hsa-miR-4326
		hsa-miR-4633-3p	hsa-miR-4265
		hsa-miR-6500-5p	hsa-miR-4266
		hsa-miR-3139	hsa-miR-4267
		hsa-miR-708-5p	hsa-miR-2355-3p
		hsa-miR-28-5p	hsa-miR-4269
		hsa-miR-335-5p	hsa-miR-4264
		hsa-miR-4470	hsa-miR-4270
		hsa-miR-183-5p.1	hsa-miR-4271
		hsa-miR-6832-3p	hsa-miR-4274
		hsa-miR-4790-3p	hsa-miR-4277
		hsa-miR-545-3p	hsa-miR-4278
		hsa-miR-3120-3p	hsa-miR-4283
		hsa-miR-1227-3p	hsa-miR-4289
		hsa-miR-1914-5p	hsa-miR-4290
		hsa-miR-649	hsa-miR-4291
		hsa-miR-490-3p	hsa-miR-4329
		hsa-miR-9-3p	hsa-miR-4330
		hsa-miR-5003-3p	hsa-miR-500b-3p
		hsa-miR-8067	hsa-miR-3605-5p
		hsa-miR-6508-5p	hsa-miR-3609
		hsa-miR-518d-5p	hsa-miR-3612
		hsa-miR-518f-5p	hsa-miR-3613-3p
		hsa-miR-520c-5p	hsa-miR-3614-3p
		hsa-miR-526a	hsa-miR-3616-3p
		hsa-miR-4777-5p	hsa-miR-3617-3p
		hsa-miR-519b-5p	hsa-miR-3619-5p
		hsa-miR-523-5p	hsa-miR-3619-3p
		hsa-miR-519c-5p	hsa-miR-3620-3p
		hsa-miR-519a-5p	hsa-miR-3621
		hsa-miR-522-5p	hsa-miR-3622b-5p
		hsa-miR-518e-5p	hsa-miR-3622b-3p
		hsa-miR-196a-3p	hsa-miR-3648
		hsa-miR-3688-5p	hsa-miR-3649
		hsa-miR-891a-3p	hsa-miR-3650
		hsa-miR-7108-5p	hsa-miR-3651
		hsa-miR-4474-3p	hsa-miR-3652
		hsa-miR-548ag	hsa-miR-3654
		hsa-miR-548ai	hsa-miR-3655
		hsa-miR-570-5p	hsa-miR-3657
		hsa-miR-548ba	hsa-miR-3659
		hsa-miR-6076	hsa-miR-3661
		hsa-miR-6797-3p	hsa-miR-3662
		hsa-miR-20a-3p	hsa-miR-3663-5p
		hsa-miR-6756-3p	hsa-miR-3663-3p
		hsa-miR-3127-3p	hsa-miR-3664-5p
		hsa-miR-584-3p	hsa-miR-3667-5p
		hsa-miR-4671-3p	hsa-miR-3667-3p
		hsa-miR-4473	hsa-miR-3670
		hsa-miR-3591-5p	hsa-miR-3675-5p
		hsa-miR-4286	hsa-miR-3677-5p
		hsa-miR-3943	hsa-miR-3678-3p
		hsa-miR-582-5p	hsa-miR-3679-5p
		hsa-miR-139-5p	hsa-miR-3679-3p
		hsa-miR-8084	hsa-miR-3680-3p
		hsa-miR-605-3p	hsa-miR-3681-5p

Table S1 (continued)



Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
		hsa-miR-3154	hsa-miR-3682-3p
		hsa-miR-4650-3p	hsa-miR-3683
		hsa-miR-6831-5p	hsa-miR-3684
		hsa-miR-3927-3p	hsa-miR-3685
		hsa-miR-4736	hsa-miR-3688-5p
		hsa-miR-7150	hsa-miR-3689a-3p
		hsa-miR-4763-3p	hsa-miR-3690
		hsa-miR-1207-5p	hsa-miR-3691-5p
		hsa-miR-6868-5p	hsa-miR-3691-3p
		hsa-miR-203b-3p	hsa-miR-3692-5p
		hsa-miR-7158-3p	hsa-miR-3692-3p
		hsa-miR-4499	hsa-miR-3180
		hsa-miR-4494	hsa-miR-3689b-3p
		hsa-miR-4687-3p	hsa-miR-3908
		hsa-miR-759	hsa-miR-3909
		hsa-miR-15b-3p	hsa-miR-3911
		hsa-miR-3929	hsa-miR-3912-3p
		hsa-miR-4419b	hsa-miR-3913-3p
		hsa-miR-4478	hsa-miR-3914
		hsa-miR-3200-5p	hsa-miR-3916
		hsa-miR-1273g-3p	hsa-miR-3917
		hsa-miR-4252	hsa-miR-3918
		hsa-miR-8485	hsa-miR-3150b-5p
		hsa-miR-603	hsa-miR-3150b-3p
		hsa-miR-3713	hsa-miR-3921
		hsa-miR-223-5p	hsa-miR-3922-5p
		hsa-miR-5681b	hsa-miR-3922-3p
		hsa-miR-1827	hsa-miR-3924
		hsa-miR-1255a	hsa-miR-3925-5p
		hsa-miR-1255b-5p	hsa-miR-3925-3p
		hsa-miR-3920	hsa-miR-3927-3p
		hsa-miR-29a-5p	hsa-miR-3928-5p
		hsa-miR-577	hsa-miR-3928-3p
		hsa-miR-4653-3p	hsa-miR-3929
		hsa-miR-34a-3p	hsa-miR-3934-5p
		hsa-miR-3672	hsa-miR-3934-3p
		hsa-miR-6864-3p	hsa-miR-3936
		hsa-miR-873-3p	hsa-miR-3937
		hsa-miR-4503	hsa-miR-3938
		hsa-miR-6792-5p	hsa-miR-3939
		hsa-miR-5009-5p	hsa-miR-3940-5p
		hsa-miR-8058	hsa-miR-3940-3p
		hsa-miR-4641	hsa-miR-3941
		hsa-miR-647	hsa-miR-3943
		hsa-miR-604	hsa-miR-3944-5p
		hsa-miR-6762-3p	hsa-miR-3945
		hsa-miR-3149	hsa-miR-374c-5p
		hsa-miR-548x-3p	hsa-miR-642b-3p
		hsa-miR-548aq-3p	hsa-miR-550b-3p
		hsa-miR-548ah-3p	hsa-miR-1268b
		hsa-miR-548am-3p	hsa-miR-378e
		hsa-miR-548j-3p	hsa-miR-548ab
		hsa-miR-548ae-3p	hsa-miR-4418
		hsa-miR-548aj-3p	hsa-miR-378f
		hsa-miR-873-5p.2	hsa-miR-4420
		hsa-miR-6165	hsa-miR-4421
		hsa-miR-8080	hsa-miR-4422
		hsa-miR-1252-5p	hsa-miR-4423-5p
		hsa-miR-6126	hsa-miR-378g
		hsa-miR-6864-5p	hsa-miR-4425
		hsa-miR-4307	hsa-miR-4429
		hsa-miR-15a-3p	hsa-miR-4432
		hsa-miR-1972	hsa-miR-4433a-5p
		hsa-miR-4650-5p	hsa-miR-4433a-3p
		hsa-miR-3664-3p	hsa-miR-4436a
		hsa-miR-4518	hsa-miR-4437
		hsa-miR-1266-5p	hsa-miR-4438
		hsa-miR-4524b-3p	hsa-miR-4440
		hsa-miR-411-5p.1	hsa-miR-4441
		hsa-miR-6869-5p	hsa-miR-4443
		hsa-miR-18b-3p	hsa-miR-4444
		hsa-miR-6831-3p	hsa-miR-4445-5p
		hsa-miR-573	hsa-miR-4446-5p
		hsa-miR-3616-5p	hsa-miR-4446-3p
		hsa-miR-4795-5p	hsa-miR-4447
		hsa-miR-4666a-3p	hsa-miR-4448
		hsa-let-7b-3p	hsa-miR-548ag
		hsa-let-7a-3p	hsa-miR-4450
		hsa-let-7f-1-3p	hsa-miR-548ah-3p
		hsa-miR-98-3p	hsa-miR-4451
		hsa-miR-300	hsa-miR-4453
		hsa-miR-381-3p	hsa-miR-4457
		hsa-miR-1185-1-3p	hsa-miR-378h
		hsa-miR-1185-2-3p	hsa-miR-3135b
		hsa-let-7f-2-3p	hsa-miR-4463
		hsa-miR-218-5p	hsa-miR-4466
		hsa-miR-636	hsa-miR-4467
		hsa-miR-8066	hsa-miR-4468
		hsa-miR-5687	hsa-miR-4472
		hsa-miR-6503-3p	hsa-miR-4475
		hsa-miR-4436a	hsa-miR-4476
		hsa-miR-5000-3p	hsa-miR-4477b
		hsa-miR-4529-3p	hsa-miR-4478
		hsa-miR-1269a	hsa-miR-3689c
		hsa-miR-1269b	hsa-miR-3155b
		hsa-miR-432-5p	hsa-miR-548ak
		hsa-miR-4263	hsa-miR-4480
		hsa-miR-576-5p	hsa-miR-4481
		hsa-miR-502-3p	hsa-miR-4482-5p
		hsa-miR-501-3p	hsa-miR-4483
		hsa-miR-215-3p	hsa-miR-4484
		hsa-miR-6773-3p	hsa-miR-4487
		hsa-miR-6715b-3p	hsa-miR-4489
		hsa-miR-2110	hsa-miR-4490
		hsa-miR-4725-3p	hsa-miR-4491
		hsa-miR-6780b-5p	hsa-miR-4493
		hsa-miR-4271	hsa-miR-4494
		hsa-miR-8089	hsa-miR-4496
		hsa-miR-4667-5p	hsa-miR-4497
		hsa-miR-4700-5p	hsa-miR-4498
		hsa-miR-7155-5p	hsa-miR-4499
		hsa-miR-637	hsa-miR-4500
		hsa-miR-4314	hsa-miR-4502
		hsa-miR-4762-5p	hsa-miR-4503
		hsa-miR-4509	hsa-miR-4506
		hsa-miR-8075	hsa-miR-2392
		hsa-miR-4728-3p	hsa-miR-4507
		hsa-miR-6806-3p	hsa-miR-4508
		hsa-miR-3928-5p	hsa-miR-4510
		hsa-miR-3646	hsa-miR-4512
		hsa-miR-1252-3p	hsa-miR-4513
		hsa-miR-433-3p	hsa-miR-4514
		hsa-miR-6882-5p	hsa-miR-4515
		hsa-miR-6731-3p	hsa-miR-4519
		hsa-miR-7702	hsa-miR-4520-5p
		hsa-miR-151a-3p	hsa-miR-4521
		hsa-miR-6507-3p	hsa-miR-1269b
		hsa-miR-10a-3p	hsa-miR-4524a-5p
		hsa-miR-4474-5p	hsa-miR-4524a-3p
		hsa-miR-5681a	hsa-miR-4525
		hsa-miR-1251-3p	hsa-miR-4526
		hsa-miR-4724-3p	hsa-miR-4528
		hsa-miR-556-3p	hsa-miR-4529-5p
		hsa-let-7c-3p	hsa-miR-4529-3p
		hsa-let-7g-3p	hsa-miR-4530
		hsa-let-7a-2-3p	hsa-miR-4531
		hsa-miR-493-5p	hsa-miR-4533
		hsa-miR-6500-3p	hsa-miR-4534
		hsa-miR-138-1-3p	hsa-miR-378i
		hsa-miR-934	hsa-miR-4535
		hsa-miR-3618	hsa-miR-548am-3p
		hsa-miR-3143	hsa-miR-1587
		hsa-miR-4301	hsa-miR-4536-5p
		hsa-miR-3156-3p	hsa-miR-4536-3p
		hsa-miR-4433a-5p	hsa-miR-4537
		hsa-miR-30e-5p	hsa-miR-4539
		hsa-miR-30a-5p	hsa-miR-3960
		hsa-miR-30d-5p	hsa-miR-3973
		hsa-miR-30c-5p	hsa-miR-3978
		hsa-miR-30b-5p	hsa-miR-4632-3p
		hsa-miR-4495	hsa-miR-4633-5p
		hsa-miR-4802-3p	hsa-miR-4633-3p
		hsa-miR-942-3p	hsa-miR-4635
		hsa-miR-4666a-5p	hsa-miR-4637
		hsa-miR-137	hsa-miR-4638-5p
		hsa-miR-323a-3p	hsa-miR-4638-3p
		hsa-miR-5007-3p	hsa-miR-4639-3p
		hsa-miR-3177-5p	hsa-miR-4640-5p
		hsa-miR-770-5p	hsa-miR-4640-3p
		hsa-miR-4712-5p	hsa-miR-4642
		hsa-miR-3925-3p	hsa-miR-4644
		hsa-miR-508-5p	hsa-miR-4646-5p
		hsa-miR-4778-3p	hsa-miR-4646-3p
		hsa-miR-6740-3p	hsa-miR-4647
		hsa-miR-499b-3p	hsa-miR-4648
		hsa-miR-499a-3p	hsa-miR-4649-5p
		hsa-miR-4482-3p	hsa-miR-4649-3p
		hsa-miR-6504-3p	hsa-miR-4650-5p
		hsa-miR-4267	hsa-miR-4650-3p
		hsa-miR-6858-3p	hsa-miR-4652-5p
		hsa-miR-1256	hsa-miR-4653-3p
		hsa-miR-224-3p	hsa-miR-4654
		hsa-miR-522-3p	hsa-miR-4655-5p
		hsa-miR-5093	hsa-miR-4655-3p
		hsa-miR-5571-5p	hsa-miR-4656
		hsa-miR-4299	hsa-miR-4657
		hsa-miR-6757-3p	hsa-miR-4658
		hsa-miR-448	hsa-miR-4659a-5p
		hsa-miR-596	hsa-miR-4660
		hsa-miR-671-5p	hsa-miR-4661-5p
		hsa-miR-6079	hsa-miR-4662a-5p
		hsa-miR-6828-5p	hsa-miR-4662a-3p
		hsa-miR-7109-3p	hsa-miR-4669b-3p
		hsa-miR-193a-5p	hsa-miR-4663
		hsa-miR-1182	hsa-miR-4664-3p
		hsa-miR-6892-5p	hsa-miR-4665-3p
		hsa-miR-4477b	hsa-miR-4667-5p
		hsa-miR-28-3p	hsa-miR-4667-3p
		hsa-miR-6838-5p	hsa-miR-4668-3p
		hsa-miR-497-5p	hsa-miR-219b-5p
		hsa-miR-424-5p	hsa-miR-219b-3p
		hsa-miR-16-5p	hsa-miR-4670-3p
		hsa-miR-15a-5p	hsa-miR-4671-3p
		hsa-miR-195-5p	hsa-miR-4672
		hsa-miR-15b-5p	hsa-miR-4673
		hsa-miR-4524a-5p	hsa-miR-4674
		hsa-miR-4524b-5p	hsa-miR-4675
		hsa-miR-503-5p	hsa-miR-4676-5p
		hsa-miR-646	hsa-miR-4677-5p
		hsa-miR-6516-3p	hsa-miR-4678
		hsa-miR-548b-3p	hsa-miR-4681
		hsa-miR-3128	hsa-miR-4682
		hsa-miR-5588-5p	hsa-miR-4684-5p
		hsa-miR-4720-5p	hsa-miR-4684-3p
		hsa-miR-4799-3p	hsa-miR-4685-3p
		hsa-miR-3126-3p	hsa-miR-4686
		hsa-miR-1298-3p	hsa-miR-4687-5p
		hsa-miR-4711-3p	hsa-miR-4687-3p
		hsa-miR-576-3p	hsa-miR-4688
		hsa-miR-4432	hsa-miR-4689
		hsa-miR-8087	hsa-miR-4691-5p
		hsa-miR-208a-3p	hsa-miR-4691-3p
		hsa-miR-208b-3p	hsa-miR-4692
		hsa-miR-4539	hsa-miR-4693-5p
		hsa-miR-513b-5p	hsa-miR-4693-3p
		hsa-miR-4740-5p	hsa-miR-4694-5p
		hsa-miR-1288-3p	hsa-miR-4695-5p
		hsa-miR-4515	hsa-miR-4695-3p
		hsa-miR-7850-5p	hsa-miR-4696
		hsa-miR-4520-2-3p	hsa-miR-4700-5p
		hsa-miR-4709-5p	hsa-miR-4700-3p
		hsa-miR-29b-1-5p	hsa-miR-4701-5p
		hsa-miR-1343-3p	hsa-miR-4701-3p
		hsa-miR-6783-3p	hsa-miR-4704-5p
		hsa-miR-3074-5p	hsa-miR-4706
		hsa-miR-1266-3p	hsa-miR-4707-3p
		hsa-miR-885-5p	hsa-miR-4708-5p
		hsa-miR-548u	hsa-miR-4708-3p
		hsa-miR-7161-5p	hsa-miR-4709-5p
		hsa-miR-302d-5p	hsa-miR-4709-3p
		hsa-miR-302b-5p	hsa-miR-203b-3p
		hsa-miR-452-3p	hsa-miR-4711-5p
		hsa-miR-8057	hsa-miR-4712-5p
		hsa-miR-4715-5p	hsa-miR-4713-5p
		hsa-miR-3651	hsa-miR-4713-3p
		hsa-miR-451b	hsa-miR-4714-3p
		hsa-miR-6077	hsa-miR-4715-5p
		hsa-miR-7-5p	hsa-miR-4715-3p
		hsa-miR-7161-3p	hsa-miR-4716-5p
		hsa-miR-3156-5p	hsa-miR-4716-3p
		hsa-miR-3192-3p	hsa-miR-3529-5p
		hsa-miR-4794	hsa-miR-4717-5p
		hsa-miR-664a-5p	hsa-miR-4717-3p
		hsa-miR-892b	hsa-miR-4718
		hsa-miR-345-5p	hsa-miR-4720-5p
		hsa-miR-1231	hsa-miR-4721

Table S1 (continued)

Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
		hsa-miR-632	hsa-miR-4722-5p
		hsa-miR-4288	hsa-miR-4722-3p
		hsa-miR-4421	hsa-miR-4520-2-3p
		hsa-miR-5699-3p	hsa-miR-4723-5p
		hsa-miR-6748-3p	hsa-miR-4723-3p
		hsa-miR-3124-3p	hsa-miR-4724-5p
		hsa-miR-2355-3p	hsa-miR-4725-3p
		hsa-miR-4646-3p	hsa-miR-4726-5p
		hsa-miR-330-3p	hsa-miR-4726-3p
		hsa-miR-4804-3p	hsa-miR-4727-5p
		hsa-miR-590-5p	hsa-miR-4727-3p
		hsa-miR-21-5p	hsa-miR-4728-5p
		hsa-miR-8070	hsa-miR-4730
		hsa-miR-5701	hsa-miR-4731-5p
		hsa-miR-8062	hsa-miR-4731-3p
		hsa-miR-4765	hsa-miR-4732-5p
		hsa-miR-1236-5p	hsa-miR-4732-3p
		hsa-miR-3159	hsa-miR-4733-3p
		hsa-miR-125a-3p	hsa-miR-4736
		hsa-miR-766-3p	hsa-miR-4737
		hsa-miR-654-3p	hsa-miR-3064-5p
		hsa-miR-4803	hsa-miR-3064-3p
		hsa-miR-508-3p	hsa-miR-4738-5p
		hsa-miR-6766-3p	hsa-miR-4738-3p
		hsa-miR-219a-5p	hsa-miR-4739
		hsa-miR-4782-3p	hsa-miR-4740-5p
		hsa-miR-4445-5p	hsa-miR-4740-3p
		hsa-miR-490-5p	hsa-miR-4741
		hsa-miR-101-3p.2	hsa-miR-4742-5p
		hsa-miR-101-3p.1	hsa-miR-4742-3p
		hsa-miR-4772-5p	hsa-miR-4743-5p
		hsa-miR-383-5p.2	hsa-miR-4743-3p
		hsa-miR-7154-5p	hsa-miR-4744
		hsa-miR-106a-3p	hsa-miR-122b-5p
		hsa-miR-4502	hsa-miR-4745-3p
		hsa-miR-1468-5p	hsa-miR-4746-5p
		hsa-miR-6760-3p	hsa-miR-4746-3p
		hsa-miR-1208	hsa-miR-4747-5p
		hsa-miR-34b-3p	hsa-miR-4747-3p
		hsa-miR-134-3p	hsa-miR-4748
		hsa-miR-380-3p	hsa-miR-4750-5p
		hsa-miR-606	hsa-miR-4750-3p
		hsa-miR-4320	hsa-miR-4752
		hsa-miR-541-5p	hsa-miR-4753-5p
		hsa-miR-181a-2-3p	hsa-miR-371b-5p
		hsa-miR-3065-5p	hsa-miR-371b-3p
		hsa-miR-4793-5p	hsa-miR-499b-3p
		hsa-miR-5196-3p	hsa-miR-4756-3p
		hsa-miR-136-3p	hsa-miR-4757-5p
		hsa-miR-32-3p	hsa-miR-4757-3p
		hsa-miR-4775	hsa-miR-4758-3p
		hsa-miR-411-3p	hsa-miR-4759
		hsa-miR-379-3p	hsa-miR-4761-5p
		hsa-miR-3146	hsa-miR-4763-3p
		hsa-miR-4796-5p	hsa-miR-4764-5p
		hsa-miR-377-3p	hsa-miR-4765
		hsa-miR-655-3p	hsa-miR-4766-5p
		hsa-miR-374c-5p	hsa-miR-4766-3p
		hsa-miR-8059	hsa-miR-4767
		hsa-miR-4471	hsa-miR-4768-5p
		hsa-miR-1292-5p	hsa-miR-4768-3p
		hsa-miR-450a-1-3p	hsa-miR-4769-5p
		hsa-miR-887-5p	hsa-miR-4772-5p
		hsa-miR-3122	hsa-miR-4772-3p
		hsa-miR-3913-5p	hsa-miR-4774-5p
		hsa-miR-6740-5p	hsa-miR-4774-3p
		hsa-miR-4676-3p	hsa-miR-4775
		hsa-miR-892c-3p	hsa-miR-4776-5p
		hsa-miR-452-5p	hsa-miR-4777-3p
		hsa-miR-4799-5p	hsa-miR-4778-3p
		hsa-miR-5691	hsa-miR-4780
		hsa-miR-6805-3p	hsa-miR-4436b-5p
		hsa-miR-3934-5p	hsa-miR-4436b-3p
		hsa-miR-3665	hsa-miR-4781-5p
		hsa-miR-182-5p	hsa-miR-4782-5p
		hsa-miR-1271-5p	hsa-miR-4784
		hsa-miR-96-5p	hsa-miR-4785
		hsa-miR-3161	hsa-miR-1245b-3p
		hsa-miR-549a	hsa-miR-2467-5p
		hsa-miR-4717-3p	hsa-miR-2467-3p
		hsa-miR-3689e	hsa-miR-4786-5p
		hsa-miR-3689a-5p	hsa-miR-4787-5p
		hsa-miR-3689b-5p	hsa-miR-4788
		hsa-miR-3689f	hsa-miR-4789-3p
		hsa-miR-610	hsa-miR-4793-5p
		hsa-miR-6501-3p	hsa-miR-4793-3p
		hsa-miR-3942-3p	hsa-miR-4794
		hsa-miR-4666b	hsa-miR-4795-5p
		hsa-miR-5011-3p	hsa-miR-4795-3p
		hsa-miR-197-3p	hsa-miR-4796-3p
		hsa-miR-5096	hsa-miR-4797-5p
		hsa-miR-6787-3p	hsa-miR-4797-3p
		hsa-miR-18a-3p	hsa-miR-4799-3p
		hsa-miR-1284	hsa-miR-4800-5p
		hsa-miR-3168	hsa-miR-4800-3p
		hsa-miR-299-5p	hsa-miR-4802-5p
		hsa-miR-29b-2-5p	hsa-miR-4804-5p
		hsa-miR-548au-3p	hsa-miR-4999-5p
		hsa-miR-449b-5p	hsa-miR-5001-5p
		hsa-miR-34c-5p	hsa-miR-5002-5p
		hsa-miR-449a	hsa-miR-5002-3p
		hsa-miR-34a-5p	hsa-miR-5004-5p
		hsa-miR-7158-5p	hsa-miR-5004-3p
		hsa-miR-101-5p	hsa-miR-548ao-3p
		hsa-miR-7852-3p	hsa-miR-5006-5p
		hsa-miR-5047	hsa-miR-5006-3p
		hsa-miR-1301-3p	hsa-miR-5007-5p
		hsa-miR-4660	hsa-miR-5008-5p
		hsa-miR-3916	hsa-miR-5009-5p
		hsa-miR-3125	hsa-miR-5010-5p
		hsa-miR-6859-5p	hsa-miR-5010-3p
		hsa-miR-6847-5p	hsa-miR-5011-5p
		hsa-miR-6891-3p	hsa-miR-5011-3p
		hsa-miR-6072	hsa-miR-5087
		hsa-miR-1245b-3p	hsa-miR-5088-5p
		hsa-miR-3675-3p	hsa-miR-5088-3p
		hsa-miR-216b-5p	hsa-miR-5089-5p
		hsa-miR-3692-3p	hsa-miR-5089-3p
		hsa-miR-4704-5p	hsa-miR-5090
		hsa-miR-499b-5p	hsa-miR-5091
		hsa-miR-545-5p	hsa-miR-5092
		hsa-miR-17-3p	hsa-miR-5093
		hsa-miR-6890-3p	hsa-miR-5186
		hsa-miR-181b-2-3p	hsa-miR-5187-5p
		hsa-miR-181b-3p	hsa-miR-5187-3p
		hsa-miR-4420	hsa-miR-5189-5p
		hsa-miR-653-3p	hsa-miR-5192
		hsa-miR-497-3p	hsa-miR-5193
		hsa-miR-548ap-3p	hsa-miR-5194
		hsa-miR-548aa	hsa-miR-5195-5p
		hsa-miR-548t-3p	hsa-miR-5196-5p
		hsa-miR-548v	hsa-miR-5196-3p
		hsa-miR-575	hsa-miR-5197-5p
		hsa-miR-4676-5p	hsa-miR-5197-3p
		hsa-miR-5009-3p	hsa-miR-4524b-5p
		hsa-miR-6511a-5p	hsa-miR-4524b-3p
		hsa-miR-1910-3p	hsa-miR-5571-5p
		hsa-miR-449c-5p	hsa-miR-5571-3p
		hsa-miR-2682-5p	hsa-miR-5572
		hsa-miR-34b-5p	hsa-miR-548as-5p
		hsa-miR-940	hsa-miR-664b-5p
		hsa-miR-6893-5p	hsa-miR-5580-5p
		hsa-miR-6808-5p	hsa-miR-5580-3p
		hsa-miR-6806-5p	hsa-miR-5581-5p
		hsa-miR-5191	hsa-miR-548at-5p
		hsa-miR-1243	hsa-miR-5582-3p
		hsa-miR-4520-3p	hsa-miR-5583-5p
		hsa-miR-382-3p	hsa-miR-5584-5p
		hsa-miR-144-5p	hsa-miR-5585-3p
		hsa-miR-4761-3p	hsa-miR-5586-3p
		hsa-miR-4766-5p	hsa-miR-5587-5p
		hsa-miR-3616-3p	hsa-miR-5587-3p
		hsa-miR-1226-5p	hsa-miR-5295b-5p
		hsa-miR-4721	hsa-miR-1295b-3p
		hsa-miR-216b-3p	hsa-miR-5588-3p
		hsa-miR-4635	hsa-miR-5589-5p
		hsa-miR-3140-5p	hsa-miR-5589-3p
		hsa-miR-6514-3p	hsa-miR-5590-5p
		hsa-miR-6894-3p	hsa-miR-5590-3p
		hsa-miR-4774-3p	hsa-miR-5681a
		hsa-miR-3152-5p	hsa-miR-548aw
		hsa-miR-665	hsa-miR-5683
		hsa-miR-297	hsa-miR-5684
		hsa-miR-567	hsa-miR-548ax
		hsa-miR-5089-3p	hsa-miR-5692c
		hsa-miR-6750-3p	hsa-miR-5687
		hsa-miR-155-5p	hsa-miR-5681b
		hsa-miR-659-3p	hsa-miR-5689
		hsa-miR-5189-3p	hsa-miR-5691
		hsa-miR-5195-3p	hsa-miR-5693
		hsa-miR-145-5p	hsa-miR-5697
		hsa-miR-936	hsa-miR-5698
		hsa-miR-199a-3p	hsa-miR-5699-3p
		hsa-miR-199b-3p	hsa-miR-5703
		hsa-miR-3129-5p	hsa-miR-5692b
		hsa-miR-6884-3p	hsa-miR-5707
		hsa-miR-3912-5p	hsa-miR-5708
		hsa-miR-3910	hsa-miR-5739
		hsa-miR-4476	hsa-miR-1199-5p
		hsa-miR-6876-5p	hsa-miR-6068
			hsa-miR-6070
			hsa-miR-6071
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			hsa-miR-6719-3p
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			hsa-miR-6721-5p
			hsa-miR-6722-5p
			hsa-miR-6722-3p
			hsa-miR-6724-5p
			hsa-miR-892c-3p
			hsa-miR-6726-5p
			hsa-miR-6727-5p
			hsa-miR-6727-3p
			hsa-miR-6728-5p

Table S1 (continued)



Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
			hsa-miR-6729-3p
			hsa-miR-6730-5p
			hsa-miR-6730-3p
			hsa-miR-6731-5p
			hsa-miR-6731-3p
			hsa-miR-6732-5p
			hsa-miR-6734-5p
			hsa-miR-6735-5p
			hsa-miR-6735-3p
			hsa-miR-6736-5p
			hsa-miR-6736-3p
			hsa-miR-6737-5p
			hsa-miR-6738-5p
			hsa-miR-6739-5p
			hsa-miR-6740-5p
			hsa-miR-6740-3p
			hsa-miR-6742-5p
			hsa-miR-6743-5p
			hsa-miR-6743-3p
			hsa-miR-6744-3p
			hsa-miR-6745
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			hsa-miR-6747-5p
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			hsa-miR-6873-3p
			hsa-miR-6874-5p
			hsa-miR-6874-3p
			hsa-miR-6875-5p
			hsa-miR-6876-5p
			hsa-miR-6877-3p
			hsa-miR-6878-5p
			hsa-miR-6878-3p
			hsa-miR-6879-5p
			hsa-miR-6880-5p
			hsa-miR-6881-5p
			hsa-miR-6881-3p
			hsa-miR-6882-5p
			hsa-miR-6883-5p
			hsa-miR-6884-5p
			hsa-miR-6884-3p
			hsa-miR-6885-5p
			hsa-miR-6886-5p
			hsa-miR-6886-3p
			hsa-miR-6887-5p
			hsa-miR-6887-3p
			hsa-miR-6888-5p
			hsa-miR-6888-3p
			hsa-miR-6889-3p
			hsa-miR-6890-5p
			hsa-miR-6891-5p
			hsa-miR-6891-3p
			hsa-miR-6892-5p
			hsa-miR-6893-5p
			hsa-miR-6894-5p
			hsa-miR-6894-3p
			hsa-miR-6895-5p
			hsa-miR-7106-5p
			hsa-miR-7107-5p
			hsa-miR-7107-3p
			hsa-miR-7108-3p

Table S1 (continued)

Table S1 (continued)

miRDB	StarBase	TargetScan	miRWalk
			hsa-miR-7109-5p
			hsa-miR-7110-5p
			hsa-miR-7110-3p
			hsa-miR-7111-5p
			hsa-miR-7111-3p
			hsa-miR-7112-3p
			hsa-miR-7113-5p
			hsa-miR-7114-3p
			hsa-miR-7150
			hsa-miR-7152-5p
			hsa-miR-7152-3p
			hsa-miR-7154-5p
			hsa-miR-7154-3p
			hsa-miR-7155-5p
			hsa-miR-7156-5p
			hsa-miR-7156-3p
			hsa-miR-7157-3p
			hsa-miR-7158-5p
			hsa-miR-7161-3p
			hsa-miR-7159-5p
			hsa-miR-7160-3p
			hsa-miR-7162-5p
			hsa-miR-7162-3p
			hsa-miR-7515
			hsa-miR-7703
			hsa-miR-7706
			hsa-miR-7843-5p
			hsa-miR-7843-3p
			hsa-miR-4433b-5p
			hsa-miR-4433b-3p
			hsa-miR-1273h-5p
			hsa-miR-1273h-3p
			hsa-miR-6516-5p
			hsa-miR-6516-3p
			hsa-miR-7844-5p
			hsa-miR-7846-3p
			hsa-miR-7847-3p
			hsa-miR-7849-3p
			hsa-miR-7850-5p
			hsa-miR-7851-3p
			hsa-miR-7852-3p
			hsa-miR-7854-3p
			hsa-miR-7856-5p
			hsa-miR-7977
			hsa-miR-7978
			hsa-miR-8052
			hsa-miR-8055
			hsa-miR-8056
			hsa-miR-8057
			hsa-miR-8059
			hsa-miR-8060
			hsa-miR-8064
			hsa-miR-8065
			hsa-miR-8069
			hsa-miR-8070
			hsa-miR-8073
			hsa-miR-8074
			hsa-miR-8075
			hsa-miR-8077
			hsa-miR-8079
			hsa-miR-8080
			hsa-miR-8082
			hsa-miR-8083
			hsa-miR-8085
			hsa-miR-8086
			hsa-miR-8087
			hsa-miR-8088
			hsa-miR-8485
			hsa-miR-9500
			hsa-miR-9718
			hsa-miR-9898
			hsa-miR-9900
			hsa-miR-9901
			hsa-miR-9902
			hsa-miR-9903
			hsa-miR-9985
			hsa-miR-1843
			hsa-miR-9986
			hsa-miR-10226
			hsa-miR-10396a-3p
			hsa-miR-10397-5p
			hsa-miR-10397-3p
			hsa-miR-10399-3p
			hsa-miR-10400-5p
			hsa-miR-10400-3p
			hsa-miR-10396b-3p
			hsa-miR-10523-5p
			hsa-miR-9983-3p
			hsa-miR-10524-5p
			hsa-miR-10526-3p
			hsa-miR-11181-5p
			hsa-miR-11181-3p
			hsa-miR-11399
			hsa-miR-11401
			hsa-miR-3059-3p
			hsa-miR-3085-5p
			hsa-miR-6529-5p
			hsa-miR-6529-3p
			hsa-miR-9851-5p
			hsa-miR-12114
			hsa-miR-12115
			hsa-miR-12116
			hsa-miR-12117
			hsa-miR-12118
			hsa-miR-12119
			hsa-miR-12120
			hsa-miR-12122
			hsa-miR-12127
			hsa-miR-12128
			hsa-miR-12129
			hsa-miR-12130
			hsa-miR-12131

miRNA, micro RNA.



**Table S2** Names of miRNAs screened from the four databases

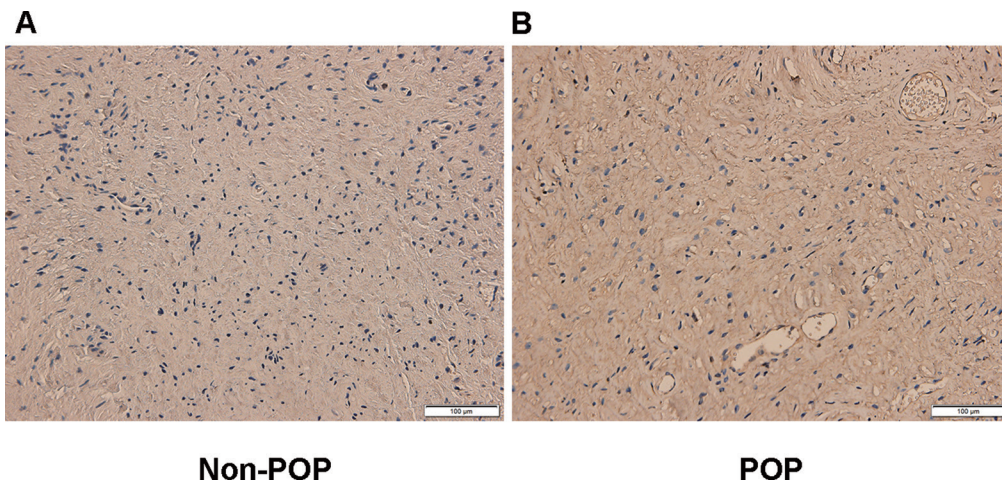
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miRNAs

hsa-miR-200a-3p  
hsa-miR-320b  
hsa-miR-214-3p  
hsa-miR-181b-5p  
hsa-miR-181a-5p  
hsa-miR-130a-3p  
hsa-miR-141-3p  
hsa-miR-148b-3p  
hsa-miR-26a-5p  
hsa-miR-320d  
hsa-miR-92a-3p  
hsa-miR-494-3p  
hsa-miR-22-3p  
hsa-miR-152-3p  
hsa-miR-301a-3p  
hsa-miR-320c  
hsa-miR-181d-5p  
hsa-miR-371a-5p  
hsa-miR-4429  
hsa-miR-216b-5p  
hsa-miR-25-3p  
hsa-miR-23b-3p  
hsa-miR-363-3p  
hsa-miR-542-3p

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miRNA, micro RNA.



**Figure S1** The immunohistochemical staining of AGEs. (A,B) The immunohistochemical staining of AGEs suggested that the extracellular AGEs were increased in the POP tissue compared with the non-POP tissue. Scale bar: 100 µm. POP, pelvic organ prolapse; AGEs, advanced glycation end products.