

Supplementary Table S1. Predicted miRNA binding sites on the 3' UTR region of PDGF-BB mRNA by miRWalk and other prediction tools (contains all putative targets).

MicroRNA	StemLoop ID	miRWalk	miRanda	miRDB	DIANAmT	PicTar5	TargetScan	RNA22	Total
hsa-miR-432	hsa-mir-432	1	1	1	1	0	1	1	6
hsa-miR-329	hsa-mir-329-2	1	1	0	1	0	1	1	5
hsa-miR-29b	hsa-mir-29b-2	1	1	0	1	1	1	0	5
hsa-miR-588	hsa-mir-588	1	1	1	1	0	1	0	5
hsa-miR-590-3p	hsa-mir-590	1	1	1	1	0	1	0	5
hsa-miR-29c	hsa-mir-29c	1	1	0	1	1	1	0	5
hsa-miR-545	hsa-mir-545	1	1	1	1	0	1	0	5
hsa-miR-29a	hsa-mir-29a	1	1	0	1	1	1	0	5
hsa-miR-29b	hsa-mir-29b-1	1	1	0	1	1	1	0	5
hsa-miR-769-3p	hsa-mir-769	1	1	0	1	0	1	0	4
hsa-miR-193a-5p	hsa-mir-193a	1	1	0	1	0	1	0	4
hsa-miR-920	hsa-mir-920	1	1	0	1	0	1	0	4
hsa-let-7f	hsa-let-7f-2	1	1	0	1	0	1	0	4
hsa-miR-624	hsa-mir-624	1	1	0	1	0	1	0	4
hsa-miR-520d-3p	hsa-mir-520d	1	1	0	1	0	1	0	4
hsa-miR-342-3p	hsa-mir-342	1	1	0	1	0	1	0	4
hsa-miR-558	hsa-mir-558	1	1	0	1	0	1	0	4
hsa-miR-491-5p	hsa-mir-491	1	1	0	1	0	1	0	4
hsa-miR-138	hsa-mir-138-1	1	1	0	1	0	1	0	4
hsa-miR-421	hsa-mir-421	1	1	0	1	0	1	0	4
hsa-miR-608	hsa-mir-608	1	1	0	1	0	1	0	4
hsa-miR-138	hsa-mir-138-2	1	1	0	1	0	1	0	4
hsa-miR-20a	hsa-mir-20a	1	1	0	1	0	1	0	4
hsa-miR-29c	hsa-mir-29c	1	0	0	1	1	1	0	4
hsa-miR-648	hsa-mir-648	1	1	0	1	0	1	0	4
hsa-miR-765	hsa-mir-765	1	1	0	1	0	1	0	4
hsa-let-7a	hsa-let-7a-1	1	1	0	1	0	1	0	4
hsa-miR-583	hsa-mir-583	1	1	0	1	0	1	0	4
hsa-miR-515-5p	hsa-mir-515-2	1	1	0	1	0	1	0	4
hsa-miR-384	hsa-mir-384	1	1	0	1	0	1	0	4
hsa-miR-924	hsa-mir-924	1	1	0	1	0	1	0	4
hsa-miR-625	hsa-mir-625	1	1	0	1	0	1	0	4
hsa-let-7c	hsa-let-7c	1	1	0	1	0	1	0	4
hsa-miR-612	hsa-mir-612	1	1	0	1	0	1	0	4
hsa-miR-520b	hsa-mir-520b	1	1	0	1	0	1	0	4
hsa-miR-34a	hsa-mir-34a	1	1	0	1	0	1	0	4
hsa-miR-140-3p	hsa-mir-140	1	1	0	1	0	1	0	4
hsa-miR-650	hsa-mir-650	1	1	0	1	0	1	0	4
hsa-miR-675	hsa-mir-675	1	1	0	1	0	1	0	4
hsa-miR-519c-3p	hsa-mir-519c	1	1	0	1	0	1	0	4
hsa-miR-106b	hsa-mir-106b	1	1	0	1	0	1	0	4
hsa-miR-106a	hsa-mir-106a	1	1	0	1	0	1	0	4
hsa-let-7g	hsa-let-7g	1	1	0	1	0	1	0	4
hsa-miR-939	hsa-mir-939	1	1	0	1	0	1	0	4
hsa-miR-17	hsa-mir-17	1	1	0	1	0	1	0	4

hsa-miR-570	hsa-mir-570	1	1	0	1	0	1	0	4
hsa-miR-150	hsa-mir-150	1	1	0	1	0	1	0	4
hsa-miR-93	hsa-mir-93	1	1	0	1	0	1	0	4
hsa-miR-767-5p	hsa-mir-767	1	1	0	1	0	1	0	4
hsa-let-7d	hsa-let-7d	1	1	0	1	0	1	0	4
hsa-miR-29a	hsa-mir-29a	1	0	0	1	1	1	0	4
hsa-miR-520c-3p	hsa-mir-520c	1	1	0	1	0	1	0	4
hsa-miR-455-3p	hsa-mir-455	1	1	0	1	0	1	0	4
hsa-miR-661	hsa-mir-661	1	1	0	1	0	1	0	4
hsa-miR-300	hsa-mir-300	1	1	0	1	0	1	0	4
hsa-let-7a	hsa-let-7a-2	1	1	0	1	0	1	0	4
hsa-miR-520a-3p	hsa-mir-520a	1	1	0	1	0	1	0	4
hsa-let-7i	hsa-let-7i	1	1	0	1	0	1	0	4
hsa-miR-940	hsa-mir-940	1	1	0	1	0	1	0	4
hsa-miR-29b	hsa-mir-29b-1	1	0	0	1	1	1	0	4
hsa-miR-519a	hsa-mir-519a-1	1	1	0	1	0	1	0	4
hsa-miR-324-3p	hsa-mir-324	1	1	0	1	0	1	0	4
hsa-miR-574-5p	hsa-mir-574	1	1	0	1	0	1	0	4
hsa-miR-184	hsa-mir-184	1	1	0	1	0	1	0	4
hsa-miR-1248	hsa-mir-1248	1	1	1	0	0	1	0	4
hsa-miR-98	hsa-mir-98	1	1	0	1	0	1	0	4
hsa-let-7e	hsa-let-7e	1	1	0	1	0	1	0	4
hsa-miR-372	hsa-mir-372	1	1	0	1	0	1	0	4
hsa-miR-483-3p	hsa-mir-483	1	1	0	1	0	1	0	4
hsa-miR-143	hsa-mir-143	1	1	0	1	0	1	0	4
hsa-miR-663	hsa-mir-663	1	1	0	1	0	1	0	4
hsa-let-7a	hsa-let-7a-3	1	1	0	1	0	1	0	4
hsa-miR-526b	hsa-mir-526b	1	1	0	1	0	1	0	4
hsa-miR-1252	hsa-mir-1252	1	1	1	0	0	1	0	4
hsa-miR-20b	hsa-mir-20b	1	1	0	1	0	1	0	4
hsa-miR-942	hsa-mir-942	1	1	0	1	0	1	0	4
hsa-miR-19a	hsa-mir-19a	1	1	0	1	0	1	0	4
hsa-miR-638	hsa-mir-638	1	1	0	1	0	1	0	4
hsa-miR-519a	hsa-mir-519a-2	1	1	0	1	0	1	0	4
hsa-miR-338-5p	hsa-mir-338	1	1	0	1	0	1	0	4
hsa-miR-575	hsa-mir-575	1	1	0	1	0	1	0	4
hsa-miR-520e	hsa-mir-520e	1	1	0	1	0	1	0	4
hsa-miR-204	hsa-mir-204	1	1	0	1	0	1	0	4
hsa-let-7f	hsa-let-7f-1	1	1	0	1	0	1	0	4
hsa-miR-622	hsa-mir-622	1	1	0	1	0	1	0	4
hsa-miR-381	hsa-mir-381	1	1	0	1	0	1	0	4
hsa-miR-488	hsa-mir-488	1	1	0	1	0	1	0	4
hsa-miR-134	hsa-mir-134	1	1	0	1	0	1	0	4
hsa-miR-656	hsa-mir-656	1	1	0	1	0	1	0	4
hsa-miR-450b-3p	hsa-mir-450b	1	1	0	1	0	1	0	4
hsa-miR-595	hsa-mir-595	1	1	0	1	0	1	0	4
hsa-miR-361-3p	hsa-mir-361	1	1	0	1	0	1	0	4
hsa-miR-335	hsa-mir-335	1	1	0	1	0	1	0	4
hsa-miR-449a	hsa-mir-449a	1	1	0	1	0	1	0	4
hsa-miR-19b	hsa-mir-19b-1	1	1	0	1	0	1	0	4

hsa-miR-644	hsa-mir-644	1	1	0	1	0	1	0	4
hsa-miR-29b	hsa-mir-29b-2	1	0	0	1	1	1	0	4
hsa-miR-501-5p	hsa-mir-501	1	1	0	1	0	1	0	4
hsa-miR-769-5p	hsa-mir-769	1	1	0	1	0	1	0	4
hsa-miR-515-5p	hsa-mir-515-1	1	1	0	1	0	1	0	4
hsa-miR-188-3p	hsa-mir-188	1	1	0	1	0	1	0	4
hsa-miR-211	hsa-mir-211	1	1	0	1	0	1	0	4
hsa-miR-374b	hsa-mir-374b	1	1	0	1	0	1	0	4
hsa-miR-623	hsa-mir-623	1	1	0	1	0	1	0	4
hsa-miR-519d	hsa-mir-519d	1	1	0	1	0	1	0	4
hsa-miR-342-5p	hsa-mir-342	1	1	0	1	0	1	0	4
hsa-miR-31	hsa-mir-31	1	1	0	1	0	1	0	4
hsa-miR-657	hsa-mir-657	1	1	0	1	0	1	0	4
hsa-miR-874	hsa-mir-874	1	1	0	1	0	1	0	4
hsa-let-7b	hsa-let-7b	1	1	0	1	0	1	0	4
hsa-miR-519b-3p	hsa-mir-519b	1	1	0	1	0	1	0	4
hsa-miR-362-3p	hsa-mir-362	1	1	0	1	0	1	0	4
hsa-miR-139-5p	hsa-mir-139	1	1	0	1	0	1	0	4
hsa-miR-329	hsa-mir-329-1	1	1	0	1	0	1	0	4
hsa-miR-122	hsa-mir-122	1	1	0	1	0	1	0	4
hsa-miR-19b	hsa-mir-19b-2	1	1	0	1	0	1	0	4
hsa-miR-647	hsa-mir-647	1	1	0	1	0	1	0	4
hsa-let-7g	hsa-let-7g	1	0	0	1	0	1	0	3
hsa-miR-17	hsa-mir-17	1	0	0	1	0	1	0	3
hsa-miR-920	hsa-mir-920	1	0	0	1	0	1	0	3
hsa-miR-612	hsa-mir-612	1	0	0	1	0	1	0	3
hsa-miR-423-5p	hsa-mir-423	0	1	0	1	0	1	0	3
hsa-miR-520c-3p	hsa-mir-520c	1	0	0	1	0	1	0	3
hsa-miR-1266	hsa-mir-1266	1	1	0	0	0	1	0	3
hsa-miR-455-3p	hsa-mir-455	1	0	0	1	0	1	0	3
hsa-miR-214	hsa-mir-214	1	1	0	1	0	0	0	3
hsa-miR-150	hsa-mir-150	1	0	0	1	0	1	0	3
hsa-miR-93	hsa-mir-93	1	0	0	1	0	1	0	3
hsa-miR-650	hsa-mir-650	1	0	0	1	0	1	0	3
hsa-let-7d	hsa-let-7d	1	0	0	1	0	1	0	3
hsa-miR-590-3p	hsa-mir-590	1	0	0	1	0	1	0	3
hsa-miR-520a-3p	hsa-mir-520a	1	0	0	1	0	1	0	3
hsa-miR-1287	hsa-mir-1287	1	1	0	0	0	1	0	3
hsa-miR-31*	hsa-mir-31	1	1	0	1	0	0	0	3
hsa-let-7b*	hsa-let-7b	1	1	0	1	0	0	0	3
hsa-miR-525-3p	hsa-mir-525	1	1	0	1	0	0	0	3
hsa-miR-519a	hsa-mir-519a-1	1	0	0	1	0	1	0	3
hsa-miR-1827	hsa-mir-1827	1	1	0	0	0	1	0	3
hsa-miR-139-3p	hsa-mir-139	1	1	0	1	0	0	0	3
hsa-miR-767-5p	hsa-mir-767	1	0	0	1	0	1	0	3
hsa-let-7a	hsa-let-7a-2	1	0	0	1	0	1	0	3
hsa-miR-675	hsa-mir-675	1	0	0	1	0	1	0	3
hsa-miR-574-5p	hsa-mir-574	1	0	0	1	0	1	0	3
hsa-miR-1237	hsa-mir-1237	1	1	0	0	0	1	0	3
hsa-miR-513a-3p	hsa-mir-513a-1	1	1	0	0	0	1	0	3

hsa-miR-324-3p	hsa-mir-324	1	0	0	1	0	1	0	3
hsa-let-7i	hsa-let-7i	1	0	0	1	0	1	0	3
hsa-miR-34b	hsa-mir-34b	0	1	0	0	0	1	1	3
hsa-miR-924	hsa-mir-924	1	0	0	1	0	1	0	3
hsa-miR-1272	hsa-mir-1272	1	1	0	0	0	1	0	3
hsa-miR-545	hsa-mir-545	1	0	0	1	0	1	0	3
hsa-miR-483-3p	hsa-mir-483	1	0	0	1	0	1	0	3
hsa-miR-184	hsa-mir-184	1	0	0	1	0	1	0	3
hsa-miR-98	hsa-mir-98	1	0	0	1	0	1	0	3
hsa-miR-661	hsa-mir-661	1	0	0	1	0	1	0	3
hsa-miR-337-3p	hsa-mir-337	1	1	0	1	0	0	0	3
hsa-miR-551b	hsa-mir-551b	1	1	0	1	0	0	0	3
hsa-let-7e	hsa-let-7e	1	0	0	1	0	1	0	3
hsa-miR-146b-3p	hsa-mir-146b	1	1	0	0	0	1	0	3
hsa-miR-526b	hsa-mir-526b	1	0	0	1	0	1	0	3
hsa-miR-1289	hsa-mir-1289-1	1	1	0	0	0	1	0	3
hsa-miR-372	hsa-mir-372	1	0	0	1	0	1	0	3
hsa-miR-671-5p	hsa-mir-671	1	1	0	1	0	0	0	3
hsa-miR-20b	hsa-mir-20b	1	0	0	1	0	1	0	3
hsa-miR-875-3p	hsa-mir-875	1	1	0	1	0	0	0	3
hsa-miR-143	hsa-mir-143	1	0	0	1	0	1	0	3
hsa-miR-519a	hsa-mir-519a-2	1	0	0	1	0	1	0	3
hsa-let-7a	hsa-let-7a-3	1	0	0	1	0	1	0	3
hsa-miR-300	hsa-mir-300	1	0	0	1	0	1	0	3
hsa-miR-575	hsa-mir-575	1	0	0	1	0	1	0	3
hsa-miR-520e	hsa-mir-520e	1	0	0	1	0	1	0	3
hsa-miR-663b	hsa-mir-663b	1	1	0	0	0	1	0	3
hsa-miR-513a-3p	hsa-mir-513a-2	1	1	0	0	0	1	0	3
hsa-miR-338-5p	hsa-mir-338	1	0	0	1	0	1	0	3
hsa-miR-19a	hsa-mir-19a	1	0	0	1	0	1	0	3
hsa-miR-939	hsa-mir-939	1	0	0	1	0	1	0	3
hsa-miR-1275	hsa-mir-1275	1	1	0	0	0	1	0	3
hsa-miR-488	hsa-mir-488	1	0	0	1	0	1	0	3
hsa-miR-628-5p	hsa-mir-628	1	1	0	1	0	0	0	3
hsa-miR-663	hsa-mir-663	1	0	0	1	0	1	0	3
hsa-miR-204	hsa-mir-204	1	0	0	1	0	1	0	3
hsa-let-7f	hsa-let-7f-1	1	0	0	1	0	1	0	3
hsa-miR-595	hsa-mir-595	1	0	0	1	0	1	0	3
hsa-miR-1289	hsa-mir-1289-2	1	1	0	0	0	1	0	3
hsa-miR-381	hsa-mir-381	1	0	0	1	0	1	0	3
hsa-miR-501-5p	hsa-mir-501	1	0	0	1	0	1	0	3
hsa-miR-1910	hsa-mir-1910	1	1	1	0	0	0	0	3
hsa-miR-34a*	hsa-mir-34a	1	1	0	1	0	0	0	3
hsa-miR-449a	hsa-mir-449a	1	0	0	1	0	1	0	3
hsa-miR-708	hsa-mir-708	1	1	0	1	0	0	0	3
hsa-miR-134	hsa-mir-134	1	0	0	1	0	1	0	3
hsa-miR-615-5p	hsa-mir-615	1	1	0	1	0	0	0	3
hsa-miR-638	hsa-mir-638	1	0	0	1	0	1	0	3
hsa-miR-619	hsa-mir-619	0	1	0	1	0	1	0	3
hsa-miR-410	hsa-mir-410	1	1	0	1	0	0	0	3

hsa-miR-143*	hsa-mir-143	1	1	0	1	0	0	0	3
hsa-miR-515-5p	hsa-mir-515-1	1	0	0	1	0	1	0	3
hsa-miR-1204	hsa-mir-1204	1	1	0	0	0	1	0	3
hsa-miR-361-3p	hsa-mir-361	1	0	0	1	0	1	0	3
hsa-miR-335	hsa-mir-335	1	0	0	1	0	1	0	3
hsa-miR-19b	hsa-mir-19b-1	1	0	0	1	0	1	0	3
hsa-miR-940	hsa-mir-940	1	0	0	1	0	1	0	3
hsa-miR-622	hsa-mir-622	1	0	0	1	0	1	0	3
hsa-miR-519d	hsa-mir-519d	1	0	0	1	0	1	0	3
hsa-miR-1276	hsa-mir-1276	1	1	0	0	0	1	0	3
hsa-miR-188-3p	hsa-mir-188	1	0	0	1	0	1	0	3
hsa-miR-656	hsa-mir-656	1	0	0	1	0	1	0	3
hsa-miR-211	hsa-mir-211	1	0	0	1	0	1	0	3
hsa-miR-519b-3p	hsa-mir-519b	1	0	0	1	0	1	0	3
hsa-miR-342-5p	hsa-mir-342	1	0	0	1	0	1	0	3
hsa-miR-1224-3p	hsa-mir-1224	1	1	0	0	0	1	0	3
hsa-miR-329	hsa-mir-329-1	1	0	0	1	0	1	0	3
hsa-miR-548c-3p	hsa-mir-548c	1	1	0	1	0	0	0	3
hsa-miR-31	hsa-mir-31	1	0	0	1	0	1	0	3
hsa-miR-524-3p	hsa-mir-524	1	1	0	1	0	0	0	3
hsa-miR-644	hsa-mir-644	1	0	0	1	0	1	0	3
hsa-miR-139-5p	hsa-mir-139	1	0	0	1	0	1	0	3
hsa-let-7b	hsa-let-7b	1	0	0	1	0	1	0	3
hsa-miR-450b-3p	hsa-mir-450b	1	0	0	1	0	1	0	3
hsa-miR-1207-5p	hsa-mir-1207	1	1	0	0	0	1	0	3
hsa-miR-28-5p	hsa-mir-28	1	1	0	1	0	0	0	3
hsa-miR-362-3p	hsa-mir-362	1	0	0	1	0	1	0	3
hsa-miR-892a	hsa-mir-892a	1	1	0	1	0	0	0	3
hsa-miR-122	hsa-mir-122	1	0	0	1	0	1	0	3
hsa-miR-19b	hsa-mir-19b-2	1	0	0	1	0	1	0	3
hsa-miR-942	hsa-mir-942	1	0	0	1	0	1	0	3
hsa-miR-623	hsa-mir-623	1	0	0	1	0	1	0	3
hsa-miR-520d-3p	hsa-mir-520d	1	0	0	1	0	1	0	3
hsa-miR-769-5p	hsa-mir-769	1	0	0	1	0	1	0	3
hsa-miR-558	hsa-mir-558	1	0	0	1	0	1	0	3
hsa-miR-491-5p	hsa-mir-491	1	0	0	1	0	1	0	3
hsa-miR-193a-5p	hsa-mir-193a	1	0	0	1	0	1	0	3
hsa-miR-657	hsa-mir-657	1	0	0	1	0	1	0	3
hsa-let-7f	hsa-let-7f-2	1	0	0	1	0	1	0	3
hsa-miR-1254	hsa-mir-1254	1	1	0	0	0	1	0	3
hsa-miR-342-3p	hsa-mir-342	1	0	0	1	0	1	0	3
hsa-miR-1323	hsa-mir-1323	1	1	0	0	0	1	0	3
hsa-miR-329	hsa-mir-329-2	1	0	0	1	0	1	0	3
hsa-miR-138	hsa-mir-138-1	1	0	0	1	0	1	0	3
hsa-miR-647	hsa-mir-647	1	0	0	1	0	1	0	3
hsa-miR-551a	hsa-mir-551a	1	1	0	1	0	0	0	3
hsa-miR-874	hsa-mir-874	1	0	0	1	0	1	0	3
hsa-miR-583	hsa-mir-583	1	0	0	1	0	1	0	3
hsa-miR-515-5p	hsa-mir-515-2	1	0	0	1	0	1	0	3
hsa-miR-1285	hsa-mir-1285-1	1	1	0	0	0	1	0	3

hsa-miR-384	hsa-mir-384	1	0	0	1	0	1	0	3
hsa-miR-138	hsa-mir-138-2	1	0	0	1	0	1	0	3
hsa-miR-20a	hsa-mir-20a	1	0	0	1	0	1	0	3
hsa-miR-526b*	hsa-mir-526b	1	1	0	1	0	0	0	3
hsa-miR-624	hsa-mir-624	1	0	0	1	0	1	0	3
hsa-miR-1280	hsa-mir-1280	1	1	0	0	0	1	0	3
hsa-let-7a	hsa-let-7a-1	1	0	0	1	0	1	0	3
hsa-miR-769-3p	hsa-mir-769	1	0	0	1	0	1	0	3
hsa-miR-1225-3p	hsa-mir-1225	1	1	0	0	0	1	0	3
hsa-miR-421	hsa-mir-421	1	0	0	1	0	1	0	3
hsa-miR-578	hsa-mir-578	1	1	0	1	0	0	0	3
hsa-miR-374b	hsa-mir-374b	1	0	0	1	0	1	0	3
hsa-miR-608	hsa-mir-608	1	0	0	1	0	1	0	3
hsa-miR-520b	hsa-mir-520b	1	0	0	1	0	1	0	3
hsa-miR-1260	hsa-mir-1260	1	1	0	0	0	1	0	3
hsa-miR-648	hsa-mir-648	1	0	0	1	0	1	0	3
hsa-miR-34a	hsa-mir-34a	1	0	0	1	0	1	0	3
hsa-miR-556-5p	hsa-mir-556	1	1	0	1	0	0	0	3
hsa-let-7c	hsa-let-7c	1	0	0	1	0	1	0	3
hsa-miR-490-5p	hsa-mir-490	1	1	0	1	0	0	0	3
hsa-miR-588	hsa-mir-588	1	0	0	1	0	1	0	3
hsa-miR-136	hsa-mir-136	1	1	0	1	0	0	0	3
hsa-miR-519c-3p	hsa-mir-519c	1	0	0	1	0	1	0	3
hsa-miR-1285	hsa-mir-1285-2	1	1	0	0	0	1	0	3
hsa-miR-140-3p	hsa-mir-140	1	0	0	1	0	1	0	3
hsa-miR-603	hsa-mir-603	1	1	0	0	0	1	0	3
hsa-miR-625	hsa-mir-625	1	0	0	1	0	1	0	3
hsa-miR-1321	hsa-mir-1321	1	1	0	0	0	1	0	3
hsa-miR-765	hsa-mir-765	1	0	0	1	0	1	0	3
hsa-miR-570	hsa-mir-570	1	0	0	1	0	1	0	3
hsa-miR-432	hsa-mir-432	1	0	0	1	0	1	0	3
hsa-miR-106b	hsa-mir-106b	1	0	0	1	0	1	0	3
hsa-miR-106a	hsa-mir-106a	1	0	0	1	0	1	0	3

This table displays the miRNAs that are bioinformatically predicted to target the 3' UTR region of PDGF-BB mRNA by three or more prediction tools. Software version/update is indicated below.

Prediction Program	miRwalk	miRanda	miRDB	Diana-microT	PICTAR	Targetscan	RNA22
Version Or Date	15 March 2011 release	August 2010 release	April 2009	Version 3.0	March 2007	Version 5.1	May 2008