

S4 Table. Complementarity between GAS5 transcripts and miR-34a-5p.

	GAS5 transcript	Trascript ID	Length (bp)	lncRNA binding sequence
1	ENST00000412059	GAS5-201	979	CAAGCCTAACTCAAGCCATTGGCA
2	ENST00000412059	GAS5-201	979	CCAATGATGTAATGATTCTGCCA
3	ENST00000414075	GAS5-202	413	ACAACAAGCAAGCATGCAGCTT
4	ENST00000416952	GAS5-203	799	CAAGCCTAACTCAAGCCATTGGCA
5	ENST00000421068	GAS5-204	1060	CAAGCCTAACTCAAGCCATTGGCA
6	ENST00000422008	GAS5-205	497	CAAGCCTAACTCAAGCCATTGGCA
7	ENST00000422207	GAS5-207	643	ACAACAAGCAAGCATGCAGCTT
8	ENST00000430245	GAS5-228	723	ACAACAAGCAAGCATGCAGCTT
9	ENST00000430245	GAS5-209	723	CAAGCCTAACTCAAGCCATTGGCA
10	ENST00000431268	GAS5-210	1698	CAAGCCTAACTCAAGCCATTGGCA
11	ENST00000431268	GAS5-210	1698	CCAATGATGTAATGATTCTGCCA
12	ENST00000432536	GAS5-211	959	CAAGCCTAACTCAAGCCATTGGCA
13	ENST00000434796	GAS5-212	575	ACAACAAGCAAGCATGCAGCTT
14	ENST00000436285	GAS5-213	772	ACAACAAGCAAGCATGCAGCTT
15	ENST00000436656	GAS5-214	822	ACAACAAGCAAGCATGCAGCTT
16	ENST00000436656	GAS5-214	822	CAAGCCTAACTCAAGCCATTGGCA
17	ENST00000443799	GAS5-216	897	ACAACAAGCAAGCATGCAGCTT
18	ENST00000444470	GAS5-217	424	ACAACAAGCAAGCATGCAGCTT
19	ENST00000449289	GAS5-219	542	ACAACAAGCAAGCATGCAGCTT
20	ENST00000449289	GAS5-219	542	CAAGCCTAACTCAAGCCATTGGCA
21	ENST00000449589	GAS5-220	712	ACAACAAGCAAGCATGCAGCTT
22	ENST00000449589	GAS5-220	712	CAAGCCTAACTCAAGCCATTGGCA
23	ENST00000450589	GAS5-226	632	ACAACAAGCAAGCATGCAGCTT
24	ENST00000450589	GAS5-226	632	CAAGCCTAACTCAAGCCATTGGCA
25	ENST00000451607	GAS5-222	1007	ACAACAAGCAAGCATGCAGCTT
26	ENST00000451607	GAS5-222	1007	CAAGCCTAACTCAAGCCATTGGCA
27	ENST00000452197	GAS5-223	483	CAAGCCTAACTCAAGCCATTGGCA
28	ENST00000454068	GAS5-224	688	ACAACAAGCAAGCATGCAGCTT
29	ENST00000454068	GAS5-224	688	CAAGCCTAACTCAAGCCATTGGCA
30	ENST00000455838	GAS5-221	632	CAAGCCTAACTCAAGCCATTGGCA
31	ENST00000458220	GAS5-229	469	CAAGCCTAACTCAAGCCATTGGCA
32	ENST00000454813	GAS5-225	621	CCAATGATGTAATGATTCTGCCA

Predicted target site	miR-34a	Predicted miRNA site
129-153	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
618-641	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
205-227	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
322-346	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
322-346	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
88-112	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
438-460	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
517-539	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
260-284	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
324-348	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
1337-1350	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
748-772	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
264-286	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
564-286	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
613-635	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
131-155	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
324-348	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
268-290	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
333-355	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
131-155	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
618-640	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
324-348	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
424-446	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
129-153	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
932-954	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
677-701	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
125-149	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
490-512	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
196-220	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
131-155	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
129-153	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT
216-239	hsa-miR-34a-5p	TGGCAGTGTCTTAGCTGGTTGT