

CBF β /RUNX3-miR10b-TIAM1 molecular axis inhibits GC

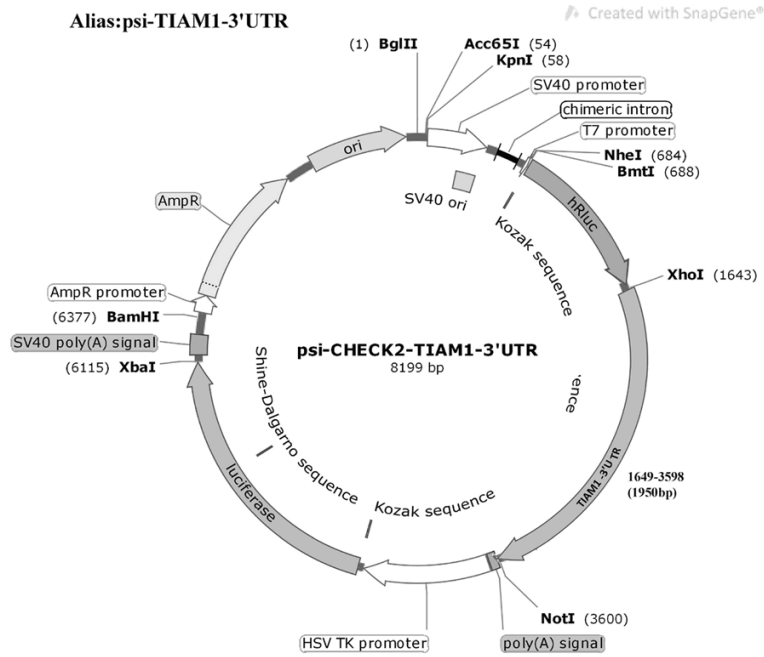


Figure S1. The vector map of psi-TIAM1-3'-UTR.

Table S1. Related online databases

No.	Database Name	Web site address
1	Targetscan	http://www.targetscan.org/vert_71/
2	miRNet	http://www.mirnet.ca/
3	miRWalk	http://mirwalk.umm.uni-heidelberg.de/
4	miRDB	http://www.mirdb.org/
5	MicroT-CDS	http://www.microna.gr/microT-CDS/
6	miRSystem	http://mirsystem.cgm.ntu.edu.tw/
7	miRNAMap	http://mirnamap.mbc.nctu.edu.tw/
8	miRTarBase	http://mirtarbase.mbc.nctu.edu.tw/php/index.php
9	Tarbase_v8	http://carolina.imis.athena-innovation.gr/diana_tools/web/index.php?r=tarbasev8%2Findex/
10	miRecord	http://c1.accurascience.com/miRecords/
11	RNA22	https://cm.jefferson.edu/rna22/
12	PicTarvet	http://www.pictar.org/
13	Targetminer	https://www.isical.ac.in/~bioinfo_miu/targetminer20.htm
14	miRcode	http://www.mircode.org/
15	miRCancer	http://mircancer.ecu.edu/
16	EVpedia	http://student4.postech.ac.kr/evpedia2_xe/xe/
17	SomaniRDB2.0	http://compbio.uthsc.edu/SomamiR/
18	OncomiR	http://www.oncomir.org/
19	HMDDv3.0	http://www.cuilab.cn/hmdd/
20	mir2Disease	http://www.mir2disease.org/
21	miRTar	http://mirtar.mbc.nctu.edu.tw/human/
22	BiBiServ	https://bibiserv.cebitec.uni-bielefeld.de/rnahybrid/

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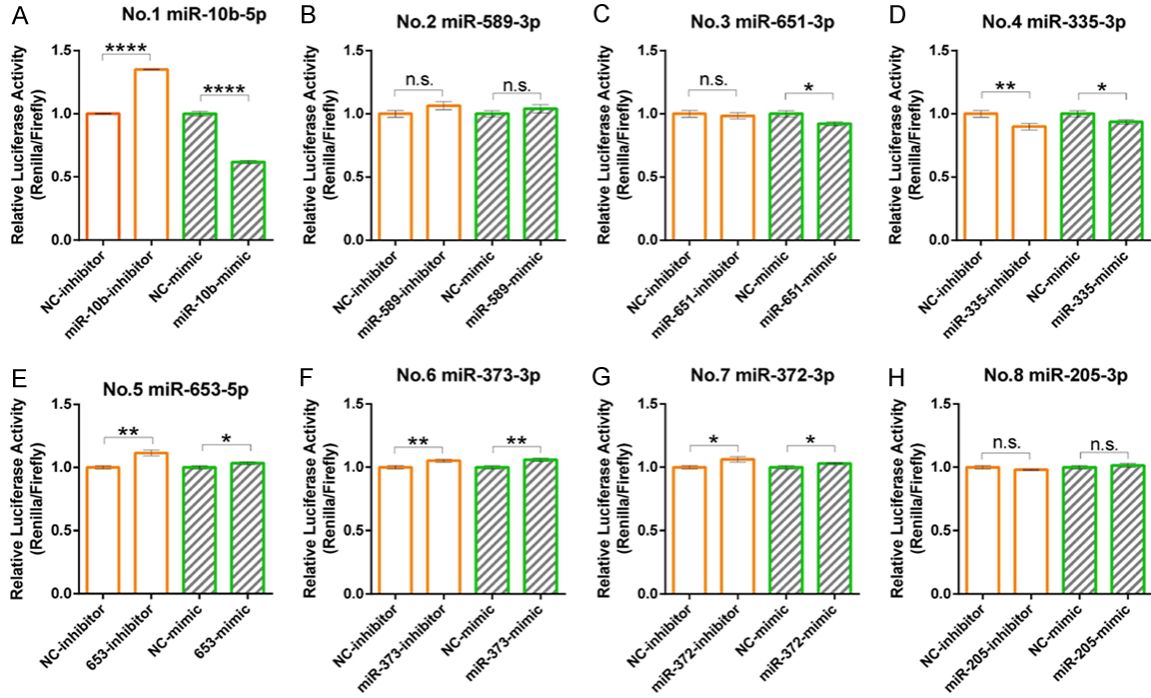


Figure S2. Of eight microRNAs experimentally confirmed to have an impact on TIAM expression, only miR-10b-3p directly targeted TIAM1 mRNA 3'-UTR. (A-H) Bar charts showing the relative luciferase activity after co-transfection with psi-TIAM1-3'-UTR and the mimcs/inhibitors of different microRNAs. Dual luciferase reporter assay results did not support a direct targeting relationship between microRNAs (B-H) and TIAM1 mRNA 3'-UTR with the exception of miR-10b-5p (A). * $P < 0.05$, ** $P < 0.01$, **** $P < 0.0001$, n.s. $P > 0.05$.