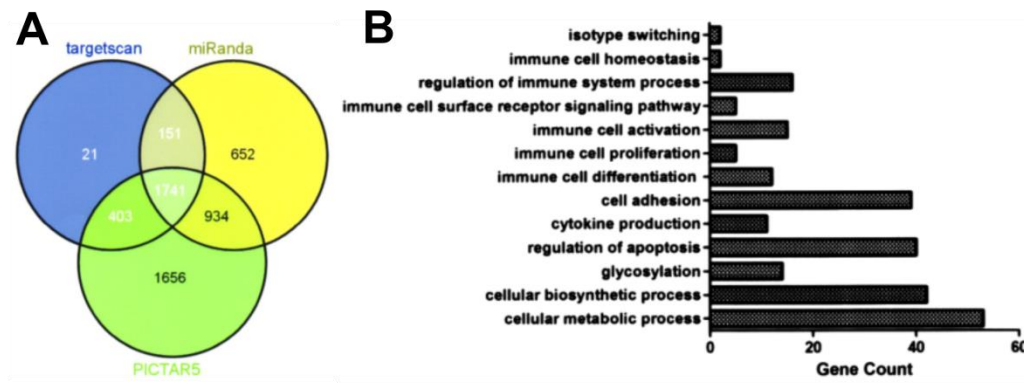


**Supplementary Table 1 Part of predicted target genes of miR-630**

Target gene	Gene name
TLR4	Toll-likereceptor4
CD28	CD28molecule
CD80	CD80molecule
MAPK1	Mitogen-activatedproteinkinase1
PTPRC	Proteintyrosinephosphatase, receptortype, C
BCL2L	BCL2-like2
AKAP10	Akinase (PRKA)anchorprotein10
GNB1	Guanine nucleotide bindingprotein (G protein), beta polypeptide1
MAOB	Monoamine oxidaseB
HEATR3	HEATrepeatcontaining3
FBXO30	F-box protein30
PIGK	Phosphatidylinositolglycananchor biosynthesis, classK
CRISP3	Cysteine-richsecretoryprotein 3
TFG	TRK-fusedgene
PTPN22	Proteintyrosinephosphatase, non-receptortype22 (lymphoid)
TMED7	Transmembrane emp24proteintransport domaincontaining7
CYBB	Cytochromeb-245, beta polypeptide
SP100	SP100nuclearantigen
LYST	Lysosomaltraffickingregulator
POLR3A	Polymerase (RNA) III (DNA directed) polypeptide A
EXO1	Exonuclease1
RAG1	Recombinationactivatinggene1
CD226	CD226molecule
LCP1	Lymphocytecytosolicprotein1 (L-plastin)
PTPN22	Protein tyrosine phosphatase, non-receptortype22(lymphoid)
BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)
C5AR1	Complementcomponent5areceptor1

PTGER	Prostaglandin Ereceptor 3
DCDC2	Double cortindomain containing2
PLAA	Prostaglandin Ereceptor 3(subtype EP3)
INHBB	Inhibin, beta B
CYBB	Cytochrome b-245, beta polypeptide
ZNF148	Zincfingerprotein148
MPO	Myeloperoxidase
APAF1	Apoptoticpeptidaseactivatingfactor1
PLA2G4C	Phospholipase A2, group IVC (cytosolic, calcium-independent)
SELE	Selectin E
CXCL13	Chemokine (C-X-C motif) ligand 13
PKHD1	Polycystic kidney and hepatic disease 1 (autosomal recessive)
WWTR1	WW domain containing transcription regulator1
GREM1	Gremlin1, DAN family BMP antagonist
EXO1	Exonuclease1
VTCN1	V-set domain containing T cell activation inhibitor1
CD1C	CD1 c molecule
LIF	Leukemia inhibitory factor
BTLA	Band T lymphocyte associated
PAG1	Phosphoprotein associated with glycosphingolipid microdomains1
TP63	Tumor protein p63
PTGER3	Prostaglandin E receptor 3 (subtype EP3)

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**Supplementary Figure 1 Bioinformatics analysis of the target genes of miR-630.** A: The common target genes of miR-630 predicted by TargetsScan, miRanda and PicTar; B: The Gene Ontology (GO) enrichment analysis of candidate target genes was conducted in DAVID database.