

S2 Table. Genes downregulated by GlcN

Gene symbols (Fold change)				
CD180 (0.19)	KPRP (0.22)	DIO2 (0.30)	MIR21 (0.31)	RGS4 (0.31)
STC1 (0.33)	MYEOV (0.33)	DCDC2 (0.33)	GRPR (0.34)	IL7R (0.36)
UCA1 (0.37)	EDN1 (0.37)	SGK1 (0.38)	ZNF114 (0.39)	MYPN (0.39)
F3 (0.39)	LGR5 (0.41)	MIR221 (0.41)	DMBT1 (0.43)	SNORD78 (0.43)
IER3 (0.44)	GREM1 (0.44)	RGMB (0.45)	TLL1 (0.45)	SLC20A2 (0.46)
IL6 (0.46)	SNORD75 (0.46)	TNFAIP3 (0.47)	PRDM1 (0.48)	ANPEP (0.48)
SPINK6 (0.49)	SNORD44 (0.49)	SNORD14E (0.49)	CCBE1 (0.49)	CCRL2 (0.49)
SNORD14C (0.49)	ADAM12 (0.49)	TMEFF2 (0.49)	MEST (0.50)	FAM172B (0.50)
MPP4 (0.50)	SNORD3A (0.50)	ANKRD1 (0.50)	ETS2 (0.51)	SEMA3A (0.51)
FGF5 (0.51)	FGF11 (0.51)	BHLHE40 (0.51)	KRTAP2-4 (0.52)	SDPR (0.52)
SNORD36B (0.52)	LOC388022 (0.52)	ADAMTS1 (0.52)	ACSL5 (0.53)	LOC642838 (0.53)
KLF10 (0.53)	HBEGF (0.53)	CA9 (0.53)	SEMA3E (0.53)	GPRC5A (0.53)
SEMA3C (0.53)	SYTL2 (0.53)	MIRLET7A2 (0.53)	SNORD30 (0.54)	PDK1 (0.54)
IL24 (0.54)	FILIPIL (0.54)	ATP8B1 (0.54)	C7orf58 (0.54)	KCNMB4 (0.55)
SNORD22 (0.55)	AIG1 (0.56)	ZNF143 (0.56)	LPXN (0.56)	COL8A1 (0.56)
SNORD29 (0.56)	CDCP1 (0.56)	BCAM (0.56)	ADM (0.57)	SNORD80 (0.57)
ERRFI1 (0.57)	LY6K (0.57)	FABP3 (0.57)	TPCN1 (0.57)	ANGPTL2 (0.57)
SERPINE1 (0.57)	CYR61 (0.57)	GPR126 (0.58)	PFKFB4 (0.58)	DUSP5 (0.58)
KIT (0.58)	LST-3TM12 (0.58)	DEPDC7 (0.58)	RDH10 (0.58)	VEGFC (0.58)
EPHA4 (0.58)	SNORD38B (0.58)	ADAMTS12 (0.58)	HIVEP2 (0.59)	CSPG4 (0.59)
SLC25A37 (0.59)	GLS (0.59)	GABRE (0.59)	UGCG (0.59)	IL11 (0.59)
TM4SF1 (0.60)	MIR29A (0.60)	DUSP6 (0.60)	PLAT (0.60)	DKK1 (0.60)
LOC100132426 (0.60)	KIRREL3 (0.60)	DUSP10 (0.60)	AQP7 (0.60)	ZNF841 (0.60)
ABCA1 (0.60)	LOC554202 (0.61)	NT5E (0.61)	GRAMD3 (0.61)	THBS1 (0.61)
DUSP1 (0.61)	NEDD9 (0.61)	RNU2-1 (0.61)	PDP1 (0.61)	BDKRB1 (0.61)
FAP (0.61)	ENG (0.62)	GJA1 (0.62)	LMO7 (0.62)	NUAK1 (0.62)
HSPA1A (0.62)	SNORD31 (0.62)	LOC100133299 (0.62)	PLGLB1 (0.62)	ANKRD13A (0.62)
FRMD4A (0.62)	AIM2 (0.63)	PCDH15 (0.63)	GALNT7 (0.63)	ADAMTS6 (0.63)
BNC2 (0.63)	FBXO32 (0.63)	HS3ST3A1 (0.64)	RBM14 (0.64)	PTX3 (0.64)
ENO2 (0.64)	MIR155 (0.64)	OSMR (0.64)	CPA4 (0.64)	PHLDA1 (0.64)
FLJ45248 (0.64)	POP1 (0.64)	SLC2A1 (0.64)	HRH1 (0.64)	COL3A1 (0.64)
FST (0.65)	ZNF432 (0.65)	EGR1 (0.65)	BCL9L (0.65)	ENC1 (0.65)
FOSL2 (0.65)	SEC14L1 (0.65)	LAMA5 (0.65)	HIVEP3 (0.65)	AZIN1 (0.66)
RORB (0.66)	MAP2K3 (0.66)	LCMT2 (0.66)	SH2D1B (0.66)	HIVEP1 (0.66)
BMPER (0.66)	TGM2 (0.66)	PCYOX1L (0.66)	MYB (0.66)	ST3GAL1 (0.66)
SNORA62 (0.66)	PLAUR (0.66)	CITED2 (0.66)	ICAM1 (0.66)	TBC1D2 (0.66)
TIPARP (0.67)	SSFA2 (0.67)	JUNB (0.67)	SLC4A7 (0.67)	MUC1 (0.67)
C6orf155 (0.67)	MYOCD (0.67)			

GlcN-downregulated 187 genes ($\leq 1/1.5$ -fold, $p < 0.05$) are listed. Fold change was calculated as the ratio of GlcN-treated signal to nontreated signal.