

Table S4. Genes and transcripts uniquely downregulated in cells overexpressing a wild type $\alpha v\beta 3$ integrin (WT $\beta 3$).

Log₂ fold change (FC) values were reported in DGE analysis using EdgeR, and genes and transcripts that demonstrated a Log₂ \leq -1.5 FC were identified using R statistical computing and graphics software. Genes and transcripts are listed alphabetically.

Ensembl ID	Gene Symbol	Log ₂ FC	Description
ENSG00000261114	AC012181.1	-1.648797136	novel transcript, sense intronic to HERPUD1
ENSG00000226084	AC113935.1	-1.879357636	ribosomal protein L17 (RPL17) pseudogene
ENSG00000163017	ACTG2	-2.039849424	actin, gamma 2, smooth muscle, enteric
ENSG00000187068	C3orf70	-2.599340256	chromosome 3 open reading frame 70
ENSG00000140937	CDH11	-3.118218115	cadherin 11
ENSG00000250479	CHCHD10	-2.164889951	coiled-coil-helix-coiled-coil-helix domain containing 10
ENSG00000060718	COL11A1	-1.95561168	collagen type XI alpha 1 chain
ENSG00000112297	CRYBG1	-1.554796347	crystallin beta-gamma domain containing 1
ENSG00000138061	CYP1B1	-2.283155586	cytochrome P450 family 1 subfamily B member 1
ENSG00000232973	CYP1B1-AS1	-1.709108114	CYP1B1 antisense RNA 1
ENSG00000164330	EBF1	-2.330896568	EBF transcription factor 1
ENSG00000122877	EGR2	-1.524158214	early growth response 2
ENSG00000158089	GALNT14	-1.542472136	polypeptide N-acetylgalactosaminyltransferase 14
ENSG00000168621	GDNF	-2.191316189	glial cell derived neurotrophic factor
ENSG00000183671	GPR1	-1.732885264	G protein-coupled receptor 1
ENSG00000138646	HERC5	-3.863132591	HECT and RLD domain containing E3 ubiquitin protein ligase 5
ENSG00000103522	IL21R	-1.813038218	interleukin 21 receptor
ENSG00000154721	JAM2	-1.543157057	junctional adhesion molecule 2
ENSG00000170745	KCNS3	-1.543157057	potassium voltage-gated channel modifier subfamily S member 3
ENSG00000196872	KIAA1211L	-1.97123368	KIAA1211 like
ENSG00000128606	LRRC17	-3.979037697	leucine rich repeat containing 17
ENSG00000135525	MAP7	-2.067185538	microtubule associated protein 7
ENSG00000165175	MID1IP1	-1.723597971	MID1 interacting protein 1
ENSG00000184117	NIPSNAP1	-1.513382462	nipsnap homolog 1
ENSG00000176046	NUPR1	-2.466179682	nuclear protein 1, transcriptional regulator
ENSG00000116329	OPRD1	-2.301979203	opioid receptor delta 1
ENSG00000280165	PCDH20	-1.627909227	protocadherin 20
ENSG00000196155	PLEKHG4	-2.538901757	pleckstrin homology and RhoGEF domain containing G4

ENSG00000054356	PTPRN	-2.208669559	protein tyrosine phosphatase, receptor type N
ENSG00000100228	RAB36	-2.46722703	RAB36, member RAS oncogene family
ENSG00000202198	RF00100	-1.592322867	Novel transcript
ENSG00000243742	RPLP0P2	-1.854651839	ribosomal protein lateral stalk subunit P0 pseudogene 2
ENSG00000079102	RUNX1T1	-2.50721877	RUNX1 translocation partner 1
ENSG00000134548	SPX	-1.699360273	spexin hormone
ENSG00000110719	TCIRG1	-2.871301647	T cell immune regulator 1, ATPase H ⁺ transporting V0 subunit a3
ENSG0000066056	TIE1	-1.757477046	tyrosine kinase with immunoglobulin like and EGF like domains 1
ENSG00000125355	TMEM255A	-3.033187994	transmembrane protein 255A
ENSG00000125657	TNFSF9	-1.591705506	TNF superfamily member 9
ENSG00000170396	ZNF804A	-1.67965965	zinc finger protein 804A