

Table S3. Genes and transcripts uniquely upregulated 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 ≥ 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
ENSG00000277013	AC008556.1	1.657490119	novel transcript
ENSG00000184060	ADAP2	3.073455205	ArfGAP with dual PH domains 2
ENSG00000181790	ADGRB1	3.106749323	adhesion G protein-coupled receptor B1
ENSG00000270149	AL591806.3	8.436492105	novel transcript, TSTD1 - F11R readthrough
ENSG00000132932	ATP8A2	2.164585395	ATPase phospholipid transporting 8A2
ENSG00000169255	B3GALNT1	2.164585395	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group)
ENSG00000107159	CA9	2.433175167	carbonic anhydrase 9
ENSG00000198286	CARD11	2.690665088	caspase recruitment domain family member 11
ENSG00000163814	CDCP1	3.17818399	CUB domain containing protein 1
ENSG00000087237	CETP	2.085407427	cholesteryl ester transfer protein
ENSG00000171812	COL8A2	2.714186924	collagen type VIII alpha 2 chain
ENSG00000021826	CPS1	1.564300489	carbamoyl-phosphate synthase 1
ENSG00000231890	DARS-AS1	1.552175281	DARS antisense RNA 1
ENSG00000162595	DIRAS3	1.935173921	DIRAS family GTPase 3
ENSG00000138080	EMILIN1	1.508876998	elastin microfibril interfacier 1
ENSG00000001561	ENPP4	5.009830622	ectonucleotide pyrophosphatase/phosphodiesterase 4
ENSG00000088340	FER1L4	1.796113673	fer-1 like family member 4, pseudogene
ENSG00000280614	FP236383.2	4.542337024	novel transcript, similar to YY1 associated myogenesis RNA 1 YAM1
ENSG00000281181	FP236383.3	4.542337024	novel transcript, similar to YY1 associated myogenesis RNA 1 YAM1
ENSG00000280800	FP671120.4	4.542337024	novel transcript, similar to YY1 associated myogenesis RNA 1 YAM1
ENSG00000188158	NHS	1.540047318	NHS actin remodeling regulator
ENSG00000109255	NMU	1.704840634	neuromedin U
ENSG00000254221	PCDHGB1	1.589513607	protocadherin gamma subfamily B, 1
ENSG00000262209	PCDHGB3	1.728711002	protocadherin gamma subfamily B, 3
ENSG00000145287	PLAC8	1.531485644	placenta specific 8
ENSG00000123560	PLP1	1.51588585	proteolipid protein 1
ENSG00000133110	POSTN	3.883827359	periostin
ENSG00000124212	PTGIS	1.885897532	prostaglandin I2 synthase
ENSG00000115828	QPCT	1.697237523	glutaminyl-peptide cyclotransferase

ENSG00000162444	RBP7	1.925243446	retinol binding protein 7
ENSG00000277739	RF00002	3.077239388	NA
ENSG00000278189	RNA5-8SN1	3.077239388	RNA, 5.8S ribosomal N1
ENSG00000278233	RNA5-8SN2	3.077239388	RNA, 5.8S ribosomal N2
ENSG00000275215	RNA5-8SN3	3.077239388	RNA, 5.8S ribosomal N3
ENSG00000108830	RND2	2.915506786	Rho family GTPase 2
ENSG00000234498	RPL13AP20	1.827936454	ribosomal protein L13a pseudogene 20
ENSG00000082684	SEMA5B	1.767279762	semaphorin 5B
ENSG00000170542	SERPINB9	3.241317149	serpin family B member 9
ENSG00000107295	SH3GL2	2.298341516	SH3 domain containing GRB2 like 2, endophilin A1
ENSG00000237914	SIRPG-AS1	2.12244344	SIRPG antisense RNA 1
ENSG00000204385	SLC44A4	2.745910205	solute carrier family 44 member 4
ENSG00000092068	SLC7A8	1.93808603	solute carrier family 7 member 8
ENSG00000061656	SPAG4	1.742403165	sperm associated antigen 4
ENSG00000133138	TBC1D8B	1.621959679	TBC1 domain family member 8B
ENSG00000165929	TC2N	1.509119834	tandem C2 domains, nuclear
ENSG00000149256	TENM4	4.540006466	teneurin transmembrane protein 4
ENSG00000127824	TUBA4A	1.664284445	tubulin alpha 4a
ENSG00000188171	ZNF626	1.929448374	zinc finger protein 626