

Table S1: Table of mutations in knockout cell lines

Cell name	Target gene	Genetic modification	Sequence
$\Delta\alpha_D$	<i>ITGAD</i>	WT sequence	5' GGCCAACCAGACGGGGACGGCTGTATGACT 3'
		-5bp	5' GGCCAACCA - - - - - GGACGGCTGTATGACT 3'
		+1bp	5' GGCCAACCAGACGGGG <u>G</u> ACGGCTGTATGACT 3'
$\Delta\alpha_L$	<i>ITGAL</i>	WT sequence	5' AGTGTCTTCTCTCCTGCAAGGTCA 3'
		-2bp	5' AGTGTCTTCT - - CCTGCAAGGTCA 3'
		-8bp	5' AGTGTCTT - - - - - - - GCAAGGTCA 3'
$\Delta\alpha_M$	<i>ITGAM</i>	WT sequence	5' GTGCGACTACAGCACAGGCTCATGC 3'
		-2bp	5' GTGCGACTACAGCA - - GGCTCATGC 3'
		-1bp	5' GTGCGACTAC - GCACAGGCTCATGC 3'
$\Delta\alpha_X$	<i>ITGAX</i>	WT sequence	5' GGAGCTGACAGCCTTCCGTGTGG 3'
		+1bp	5' GGAGCTGACAGCCTTCC <u>C</u> GTGTGG 3'
$\Delta\beta_2$	<i>ITGB2</i>	WT sequence	5' CAGAACTTCACAGGGCCGGGGGATCCTGACTCCATTTCG 3'
		-7bp	5' CAGAACTTCACAGGGCCGGGGGA - - - - - TCCATTTCG 3'
		-23bp	5' CAGAACT- TCCATTTCG 3'
$\Delta\alpha_{DLMX}$	<i>ITGAD</i>	WT sequence	5' TTGTGTCTCCAGACTCGTGGTGGGAGC 3'
		-13bp	5' TTGTGTCT - - - - - - - - - - - TGGGAGC 3'
		-4bp	5' TTG - - - - TCCAGACTCGTGGTGGGAGC 3'
		+1bp	5' TTGTGTCTCCAG <u>C</u> ACTCGTGGTGGGAGC 3'
	<i>ITGAL</i>	WT sequence	5' CAAACTTGAGAGTGTCTTCTCTCCTGCAAGGTTCAG 3'
		-15bp	5' CAACTTG - - - - - - - - - - - - - - - CCTGCAAGGTTCAG 3'
	<i>ITGAM</i>	WT sequence	5' GACTACAGCACAGGCTCATGCGAGCCC 3'
		-3bp	5' GACTACAG - - - AGGCTCATGCGAGCCC 3'
		+3bp	5' GACTAC <u>CCG</u> GCACAGGCTCATGCGAGCCC 3'
	<i>ITGAX</i>	WT sequence	5' TGTGGACACGCTGGGTTG 3'
		+1bp	5' TGT <u>G</u> GGACACGCTGGGTTG 3'
$\Delta\alpha_{DLMX}\beta_2$ (derived from $\Delta\alpha_{DLMX}$)	<i>ITGB2</i>	WT sequence	5' GGGGGATCCTGACTCCATTTCGCTGCGACA 3'
		-13bp	5' GGGGGATCC - - - - - - - - - - - TGCGACA 3'
		-7bp	5' GGGGGATCC - - - - - - - - - - - ATTCGCTGCGACA 3'