

Table S2: Table of primers/oligos

Function	Primer name	Primer sequence (5'-3')
GeCKO library sequencing	V2adaptor_F	AATGGACTATCATATGCTTACCGTAACTTGAAAGTATTTTCG
	V2adaptor_R	TCTACTATTCTTTCCCTGCACTGTgtggcgatgtg cgctctg
	F01	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTtAAGTA GAGtcttggaaaggacgaaacaccg
	F02	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTatACAC GATCtcttggaaaggacgaaacaccg
	F03	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTgatCGC GCGGTtcttggaaaggacgaaacaccg
	F04	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTcgatCAT GATCGtcttggaaaggacgaaacaccg
	F05	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTtcatCGT TACCAtcttggaaaggacgaaacaccg
	F06	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTatcgatTC CTTGGTtcttggaaaggacgaaacaccg
	F07	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTgatgatA ACGCATtcttggaaaggacgaaacaccg
	F08	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTcgatcgat ACAGGTAtcttggaaaggacgaaacaccg
F09	AATGATACGGCGACCACCGAGATCTACACTC TTCCCTACACGACGCTCTTCCGATCTacgatcgat AGGTAAGGtcttggaaaggacgaaacaccg	

	F10	AATGATACGGCGACCACCGAGATCTCACTC TTCCCTACACGACGCTCTCCGATCTtAACAA TGGtcttgtaaaggacgaaacaccg	
	F11	AATGATACGGCGACCACCGAGATCTCACTC TTCCCTACACGACGCTCTCCGATCTatACTG TATCtcttgtaaaggacgaaacaccg	
	F12	AATGATACGGCGACCACCGAGATCTCACTC TTCCCTACACGACGCTCTCCGATCTgatAGG TCGCAtcttgtaaaggacgaaacaccg	
	R universal	CAAGCAGAAGACGGCATAACGAGATGTGACTG GAGTTCAGACGTGTGCTCTCCGATCTTCTAC TATTCTTCCCTGCACTGT	
sgRNA	ITGB2(3) HGLibA_23779	GCAGCTGATTTCCGAAAACC	
targets	ITGAD(2) HGLibA_23750	AGTCATACAGCCGTCCCCTC	
	ITGAD(3) HGLib_23751	TGTGTCTCCAGACTCGTGGT	
	ITGAD(4) HGLib_23752	GGACCTACCTGGCGTGGCGT	
	ITGAL(1) HGLibB_23723	TACTGACCTTGCAGGAGAGA	
	ITGAL(2) HGLibB_23724	GGATTCTGCATCACTGTGA	
	ITGAL(3) HGLibB_23725	TCCCCACAGTTCTTCTCAA	
	ITGAM(2) HGLibA_23761	TACCAGTGCAGACTACAGCAC	
	ITGAM(3) HGLibB_23726	TGACCTTCCAAGAGAACGCA	
	ITGAM(4) HGLibB_23727	CCCATGCACCTGTAAACAGA	
	ITGAX(1) HGLibA_23766	GGAGCTGACAGCCTTCCGTG	
	ITGAX(2) HGLibB_23732	CAAACCCAGCGCTGTCCACA	
	ITGAX(3) HGLibB_23733	GCAGCACTCCTCCTGTTCAC	
	IDAA primers	ITGAD(1) [sequence ITGAD(2)&(3)] F	GTA AAA CGA CGG CCA GTG AAG TGG CAA ATG CCA GGA ATT TCC C
		ITGAD(1) [sequence ITGAD(2)&(3)] R	AAG CGG GGG CAC AGT TGG G
ITGAD(2) [sequence ITGAD(4)] F		GTA AAA CGA CGG CCA TTC TGC CTC CAG GCC TGT GG	
ITGAD(2) [sequence ITGAD(4)] R		TTC TCT CCT AGC CAC ACT CGG C	

ITGAL(3) [sequence ITGAL(2)] F	GTA AAA CGA CGG CCA TGT CTA GGT TGC CAG CAA ATC
ITGAL(3) [sequence ITGAL(2)] R	CCC CAT ATC CCT AAG GCC AAT
ITGAL(4) [sequence ITGAL(1)&(3)] F	GTA AAA CGA CGG CCA TGG GAG GTA AGA GGG GAG AA
ITGAL(4) [sequence ITGAL(1)&(3)] R	CCA AGA GAG GGA AGT GGT GT
ITGAM(3) [sequence ITAM(2)] F	GTA AAA CGA CGG CCA ATC CGG GTA TGG GCC CCC
ITGAM(3) [sequence ITAM(2)] R	AAG GAA CAC AGA GGG GTT GCC
ITGAM(4) [sequence ITAM(4)] F	GTA AAA CGA CGG CCA TCT TTG CTT TGG TGG CTT CC
ITGAM(4) [sequence ITAM(4)] R	TGT GGT CAT TCA TCC AGG CT
ITGAM(5) [sequence ITAM(3)] F	GTA AAA CGA CGG CCA TGC TTG ATC CTT CCC CCA TT
ITGAM(5) [sequence ITAM(3)] R	ATT TGT GAG GTC CCT CCT GG
ITGAX(1) [sequence ITGAX(3)] F	GTA AAA CGA CGG CCA TTC TTC CTT CCC CTG GCC ACC
ITGAX(1) [sequence ITGAX(3)] R	ATC TCA GAC CCT ATG TGC CTG C
ITGAX(2) [sequence ITGAX(1)&(2)] F	GTA AAA CGA CGG CCA ATG AGT TGG GTG TCC AGA AGA CC
ITGAX(2) [sequence ITGAX(1)&(2)] R	TAG CTG TGA GAC CGT GCC TGC
ITGB2(5) [sequence ITGB2(1)&(2)] F	GTA AAA CGA CGG CCA AGT AGG TCC TGA GTC CTT TCT GC
ITGB2(5) [sequence ITGB2(1)&(2)] R	TTC TGG GCA GCC CTG ACA CC
ITGB2(6) [sequence ITGB2(3)] F	GTA AAA CGA CGG CCA CAC CCT GAT AAG CTG CGA AA
ITGB2(6) [sequence ITGB2(3)] R	TTG GCC GCT CGC AAA ATG TTT AGG