

Human gene name	Phenotype of double knockout of mouse orthologue[1]
ITGA2B	bleeding platelets do not bind fibrinogen
ITGB3	bleeding; reduced survival
SDC4	delayed wound healing
TGFB111	not known
ACTN1	not known
VCL	embryonic lethal
VASP	hyperplasia of megakaryocytes
CAST	augmented DNA fragmentation
MSN	Normal
NHERF1	Phosphate irregularities
FAK	Die during organogenesis
AMAP1	Not known
PTPN1	Lower adiposity, insulin sensitivity
INPP5D	Lack of transplant rejection
PTPN12	Embryonic lethal

**S1 Table. Phenotypic consequences of deleting adhesome components**