



Module 1

aggregation signaling
elevated platelet Response activation,
Platelet Ca2+ cytosolic degranulation

Module 2

cascade Complement Regulation

Module 3

Cascade) Intrinsic Common
Clot Fibrin Formation (Clotting

Module 4

Post-translational
transport uptake phosphorylation
(IGFBPs) Binding Proteins Regulation
Factor Growth Insulin-like(IGF)

Module 5

activators C2 C4 Creation
complement Initial triggering

Module 6

Aggregation Formation) Platelet
Integrin integrins Integrins p130Cas provides (Plug
signaling linkage MAPK GRB2:SOS

Module 7

Diseases hemostasis kallikrein/kinin
(CAS) (KKS) activation contact Defects

Module 8

Paradoxical RAF fusions Oncogenic
downstream high-kinase inactive MAP2K moderate
activity kinase MAPK RAF1 RAS signaling
Signaling mutants BRAF activation

Module 9

NR1H3 NR1H3-mediated regulate signaling transport
NR1H2 cholesterol efflux expression gene linked

Module 10

signaling
endogenous Immune IRAK4 ligand MyD88 Regulation
(TLR2/4) deficiency TLR Diseases cascade

Module 11

point
ALK Signaling activated cancer fusions mutants

Module 12

elastic fibres Molecules Elastic fibre formation

Module 13

fat-soluble metabolism Metabolism Retinoid transport vitamins