Loss of ATE1-mediated arginylation leads to impaired platelet myosin phosphorylation, clot retraction, and in vivo thrombosis formation

Arginylated light chain: normal conformation

Non-arginylated light chain: hyper-active conformation

Normal clot retraction

Increased clot retraction

Thrombosis

Lian et al., Haematologica, 2014