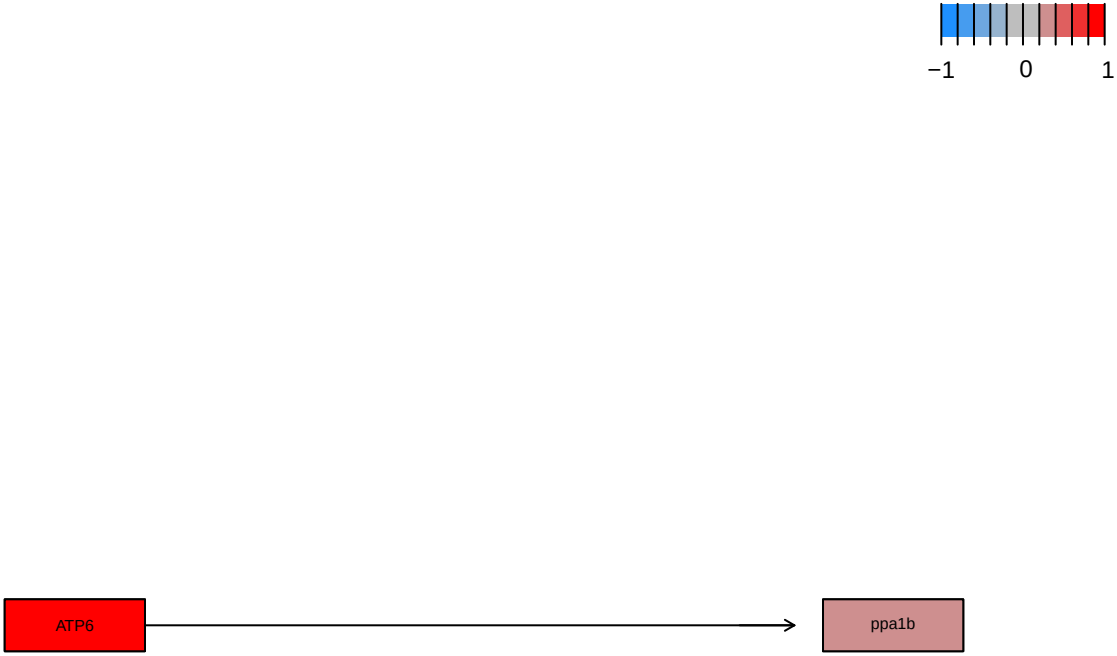

−Data with KEGG pathway−
−Rendered by Pathview−

KEGG diagram legend

Edge Types

compound

hidden compound

activation

inhibition

expression

repression

indirect effect

state change

binding/association

dissociation

phosphorylation (+p)

dephosphorylation (−p)

glycosylation (+g)

ubiquitination (+u)

methylation (+m)

others/unknown (?)

Node Types

gene (protein/enzyme)

group (complex)

compound (metabolite/glycan)

map (pathway) — Pathway name