a

linearized targeting vector

5´-fragment | *Bsr-cassette* | 3´-fragment

ATG — TAA

5´-fragment | 3´-fragment | *vasP* gene — genomic DNA (WT)

primer 3

primer 2

5´-fragment | *Bsr* | 3´-fragment — genomic DNA (VASP-null)

primer 3
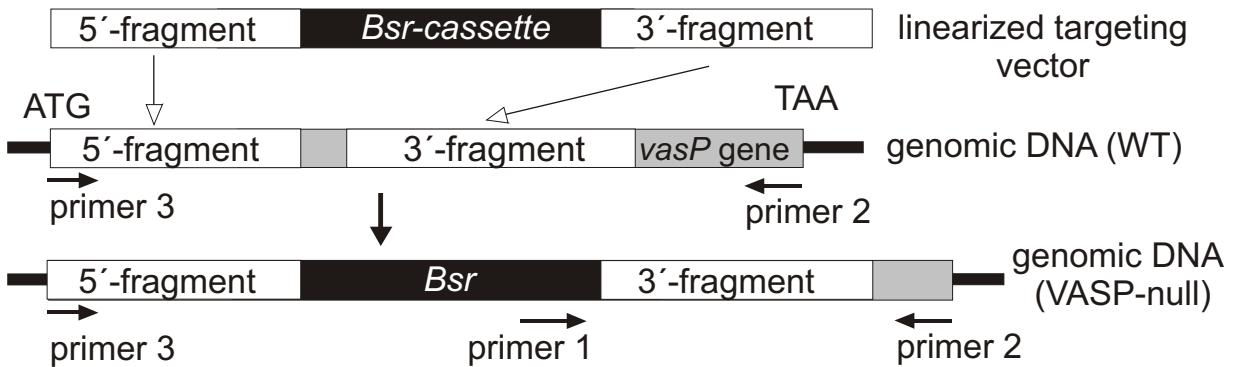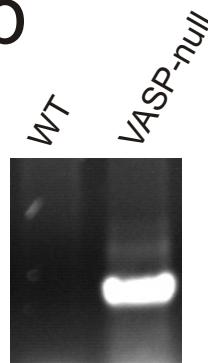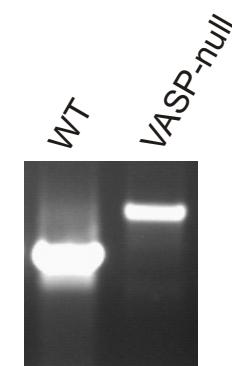
primer 1

primer 2

b

WT | VASP-null

WT | VASP-null

primer pair: 1 + 2 screen for KO event

primer pair: 2 + 3 screen for WT sequence