



Additional file 2: Impact of the halogen substituent on the potency of the compounds. GST-BIN2 or GST-ASKθ was incubated with MBP as a substrate and [γ - 32 P]-ATP as a co-substrate in absence (control) or presence of compounds **3**, **14** (BIK, bikinin) and **15** at a concentration of 10 μ M. The proteins were separated by SDS-PAGE and phosphorylation of MBP was quantified using a phosphor imager screen. The residual activity is expressed in % of the corresponding control. The means and standard deviations were calculated from 4 independent assays. The insert shows the structures of the tested compounds.