**Park et al., Supplemental Figure 2** The effect of HSP90 on PIP2 concentration- or phosphorylation-dependent activation of N-WASP. (A) PIP2 with various concentrations was added to the actin polymerization mixture with 100 nM N-WASP (a). (b) shows actin polymerization curves in low concentration of PIP2. (B) In vitro phosphorylation of N-WASP by Src. (a) His-N-WASP was phosphorylated by Src with indicated concentration. Addition of HSP90 to Src phosphorylation mixture enhanced phosphorylation of N-WASP. The phosphorylation level of N-WASP without Src was set as 1 and fold-increase of phosphorylation level of N-WASP with each Src concentration was estimated. (b) Phosphorylated N-WASP was subjected to pyrene-actin assays. (c) shows fold-increase of Src phosphorylation under the same conditions of (Ba). Increase rate of autophosphorylation of Src was not affected by addition of HSP90.