Figure S1. **Ectopic expression of EphA2 in HeLa cells promotes cell migration through Ephexin4.** Transwell migration assays using HeLa cells transfected with YFP and the indicated plasmids for 24 h. Data are presented as the means ± SEM from four independent experiments (***, P < 0.001; ns, not significant; t-test).

Figure S2. **HA-ELMO2 was pulled down by control Fc.** Cell lysates from HEK293T cells transfected with the indicated plasmids were immunoprecipitated with Fc alone or ephrinA1-Fc, and bound proteins and total cell lysates were analyzed by immunoblotting. IP, immunoprecipitation.
Figure S3. The specificity of RhoG or Dock4 staining with anti-RhoG or anti-Dock4 antibody. MDA-MB-231 cells were transfected with YFP together with RhoG or Dock4 shRNA. Cells were subjected to immunofluorescent staining with anti-RhoG or anti-Dock4 antibody. Bars, 20 µm.