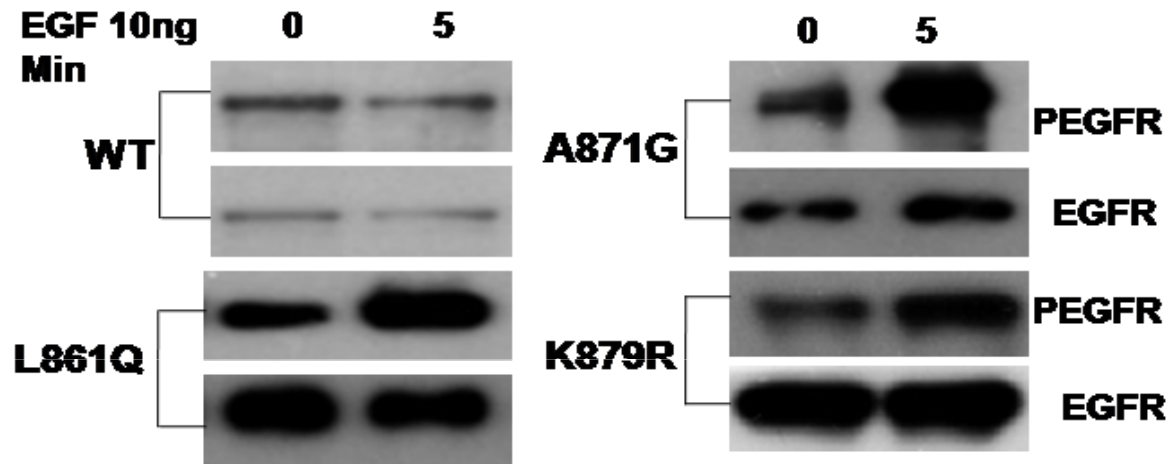


**Additional file 3 : Ligand dependent phosphorylation of mutants' vs. wild type receptor**



HEK293 cells transfected with wild type and mutant receptors independent of each other were serum starved overnight followed by EGF stimulation. At 10 min post stimulation, total protein from each cell type was recovered and immunoblotted with anti phospho EGFR antibody. Blots were stripped and re-probed with total EGFR antibody