

Supplemental Information

Table. Semi-quantitative densitometric analyses indicate that dominant-interfering Pyk2 (AdCRNK) decreases basal and inducible tyrosine phosphorylation of Pyk2 and p130Cas relative to the unstimulated AdGFP cells.

Tyrosine residue	Virus (Ad)	Stimulation (minutes)					
		no stim	CXCL12 [20ng/ml]				LPA [1μg/ml]
			1'	5'	10'	30'	5'
pY402 Pyk2	GFP	1.00	0.84 ± 0.21	0.93 ± 0.20	1.35 ± 0.18	1.06 ± 0.18	0.82 ± 0.24
	CRNK	0.58 ± 0.17	0.59 ± 0.18	0.53 ± 0.04*	0.49 ± 0.07*	0.65 ± 0.15	0.57 ± 0.03*
pY410 p130 ^{Cas}	GFP	1.00	1.01 ± 0.10	1.45 ± 0.39	1.33 ± 0.30	1.26 ± 0.13	0.88 ± 0.03*
	CRNK	0.39 ± 0.06*	0.74 ± 0.08	0.73 ± 0.01*	0.87 ± 0.45	0.70 ± 0.05*	0.72 ± 0.14

Data are relative units compared to unstimulated AdGFP control cells. Values are mean ± SEM of 3 representative immunoblot analyses. Asterisk indicates the statistically significant decrease in Pyk2 or p130Cas phosphorylation relative to the unstimulated AdGFP infected cells.