

**Hepatocyte Growth Factor (HGF) Promotes Peripheral Nerve Regeneration
by Activating Repair Schwann Cells**

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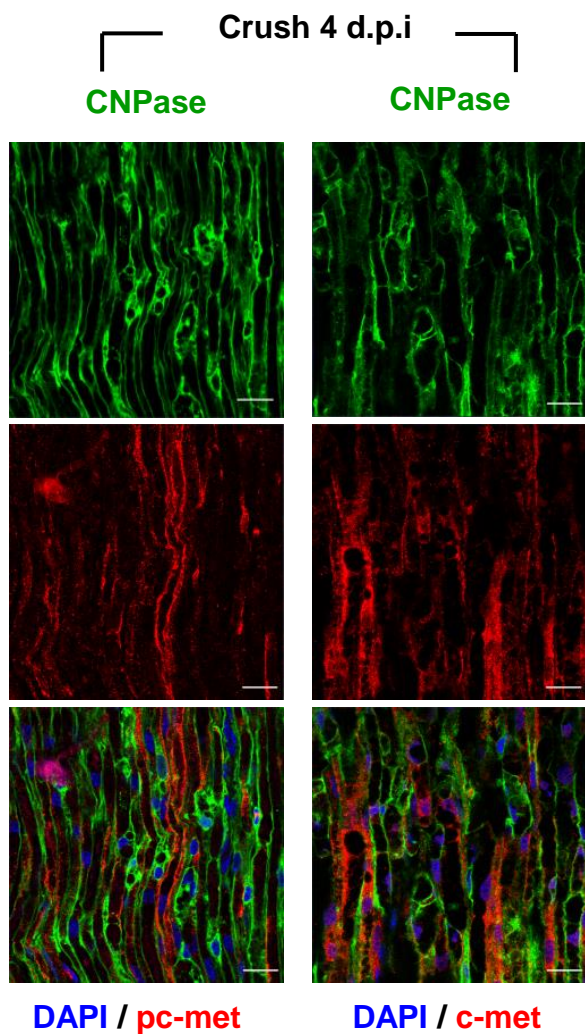
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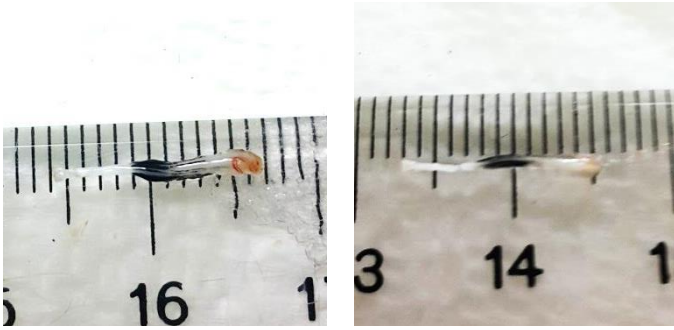
Short title: The role of HGF in peripheral nerve regeneration

Supplementary Figure S1



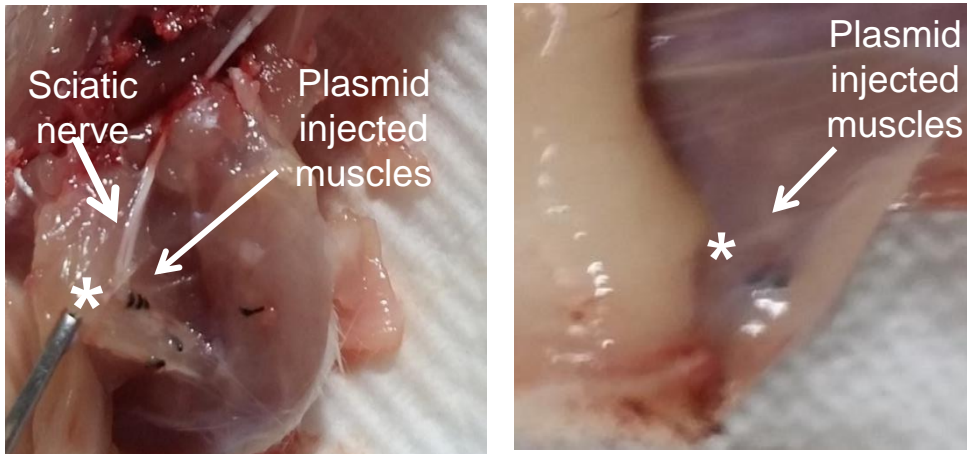
Supplementary Figure S1. Identification of cell types expressing c-met. The distal sites of injured sciatic nerves were analyzed by IHC using antibodies to CNPase (green), phosphorylated c-met and total c-met (red). Injured sciatic nerves were prepared at crush 4 d.p.i. Nuclei were counterstained with Hoechst (blue). n = 3 for each group. Scale bar = 20 μ m

Supplementary Figure S2



Supplementary Figure S2. Identification of the injury site of sciatic nerve. The injury sites of sciatic nerves were marked by powdered carbon.

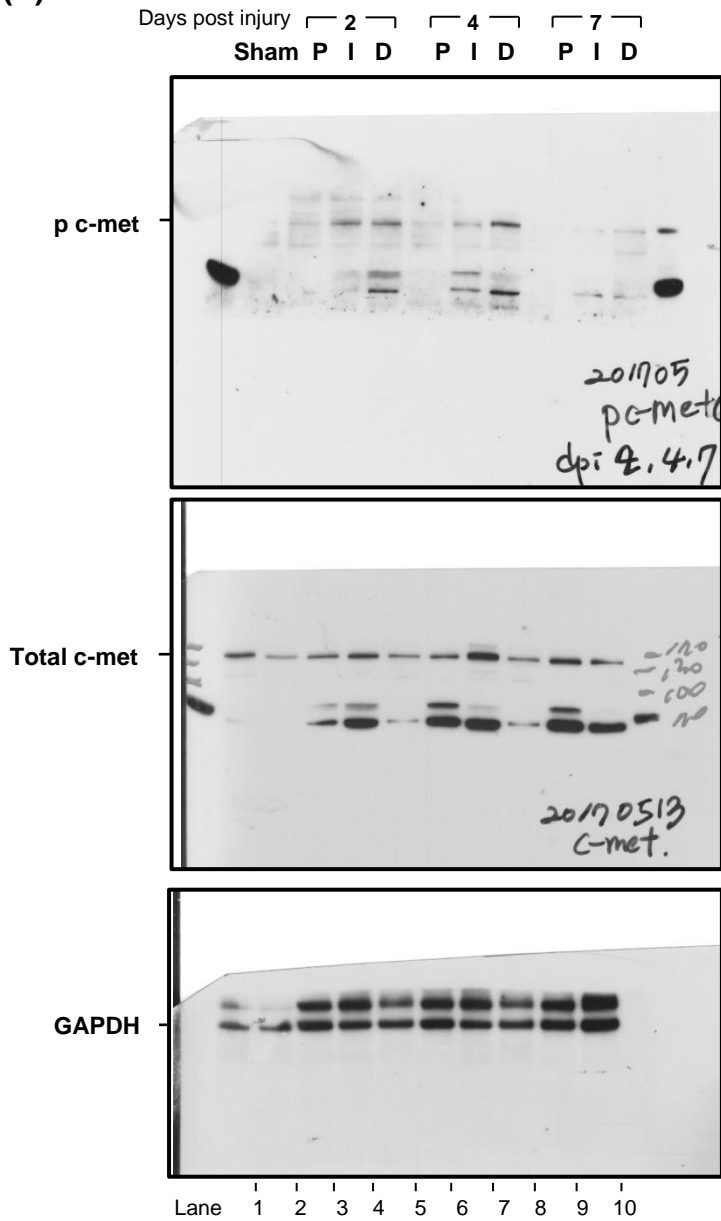
Supplementary Figure S3



Supplementary Figure S3. Injection site of plasmid DNA. After nerve crush model was introduced, 200 μ g of plasmid DNA diluted in 100 μ l of PBS was injected to thigh muscles around the sciatic nerves. White Asterisk (*) indicated the injection site.

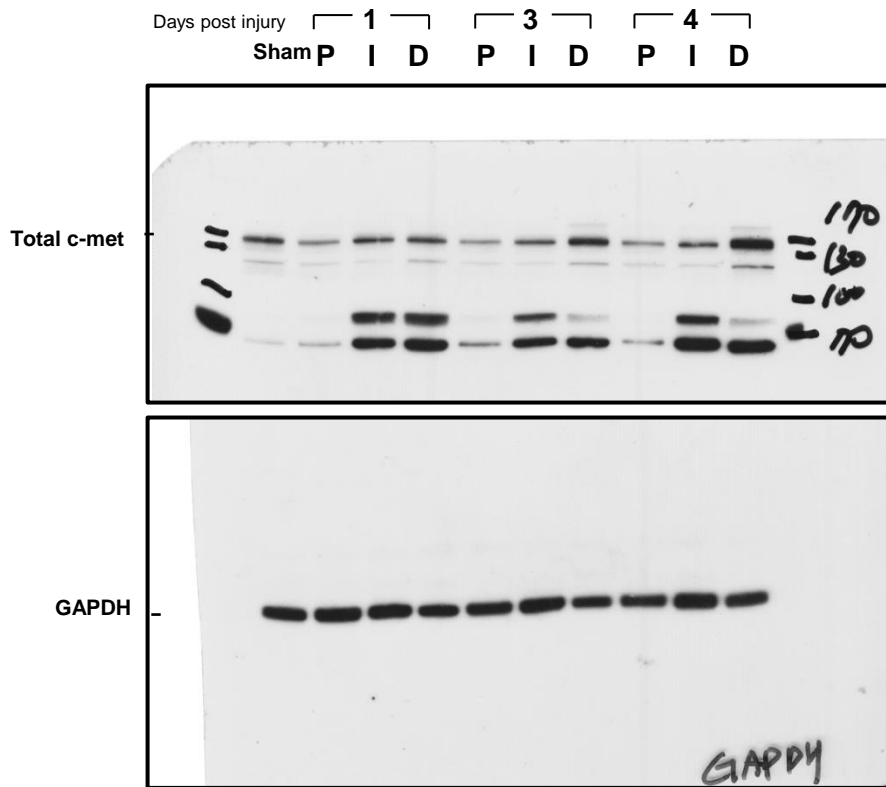
Supplementary Figure S4

(A)



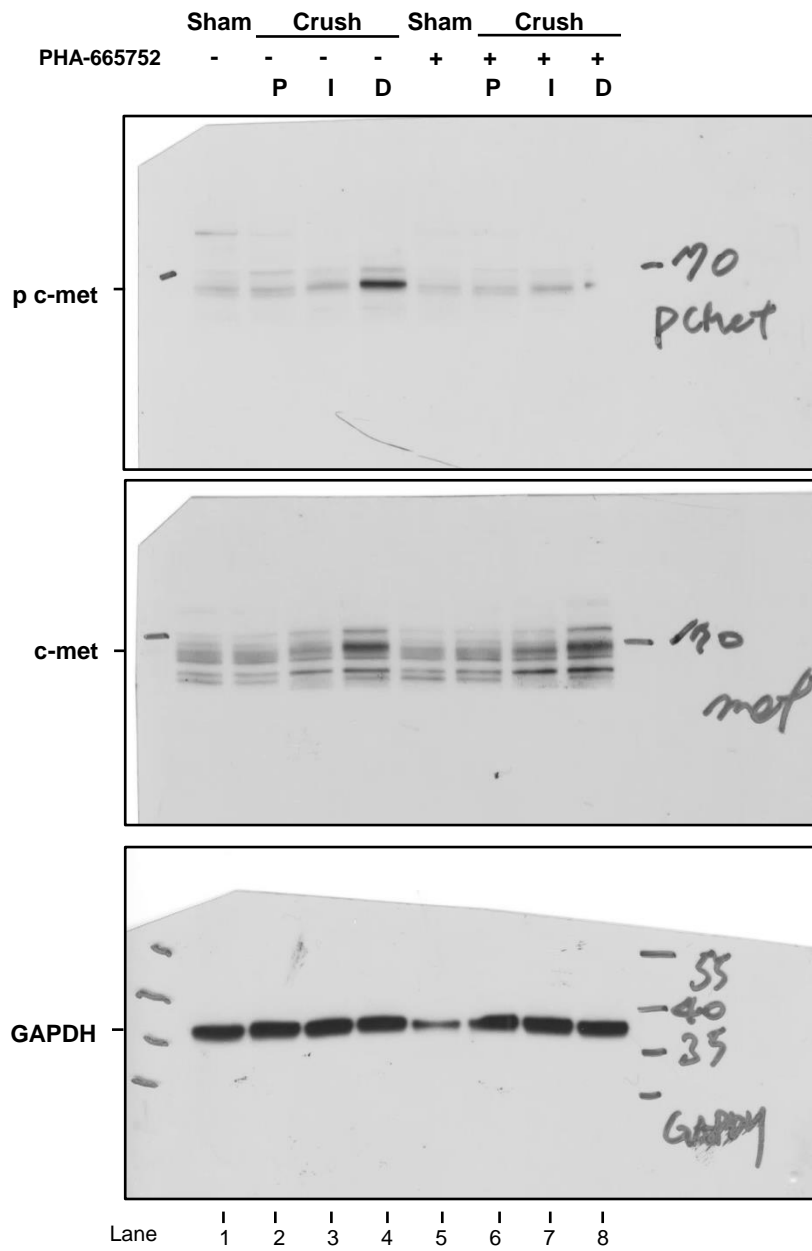
Supplementary Figure S4

(B)



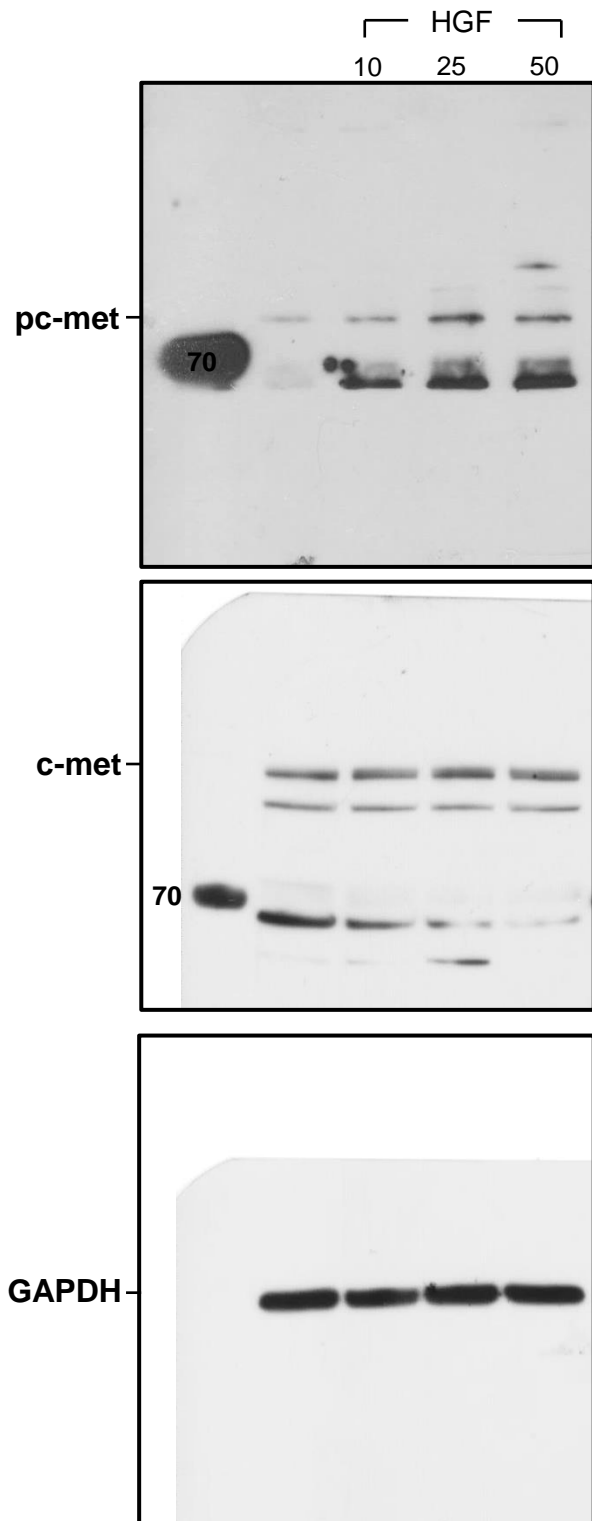
Supplementary Figure S4. Full representative Western blots. (A) Full Western blot for Figure 2A and 2B. (B) Full Western blot for Figure 2B.

Supplementary Figure S5



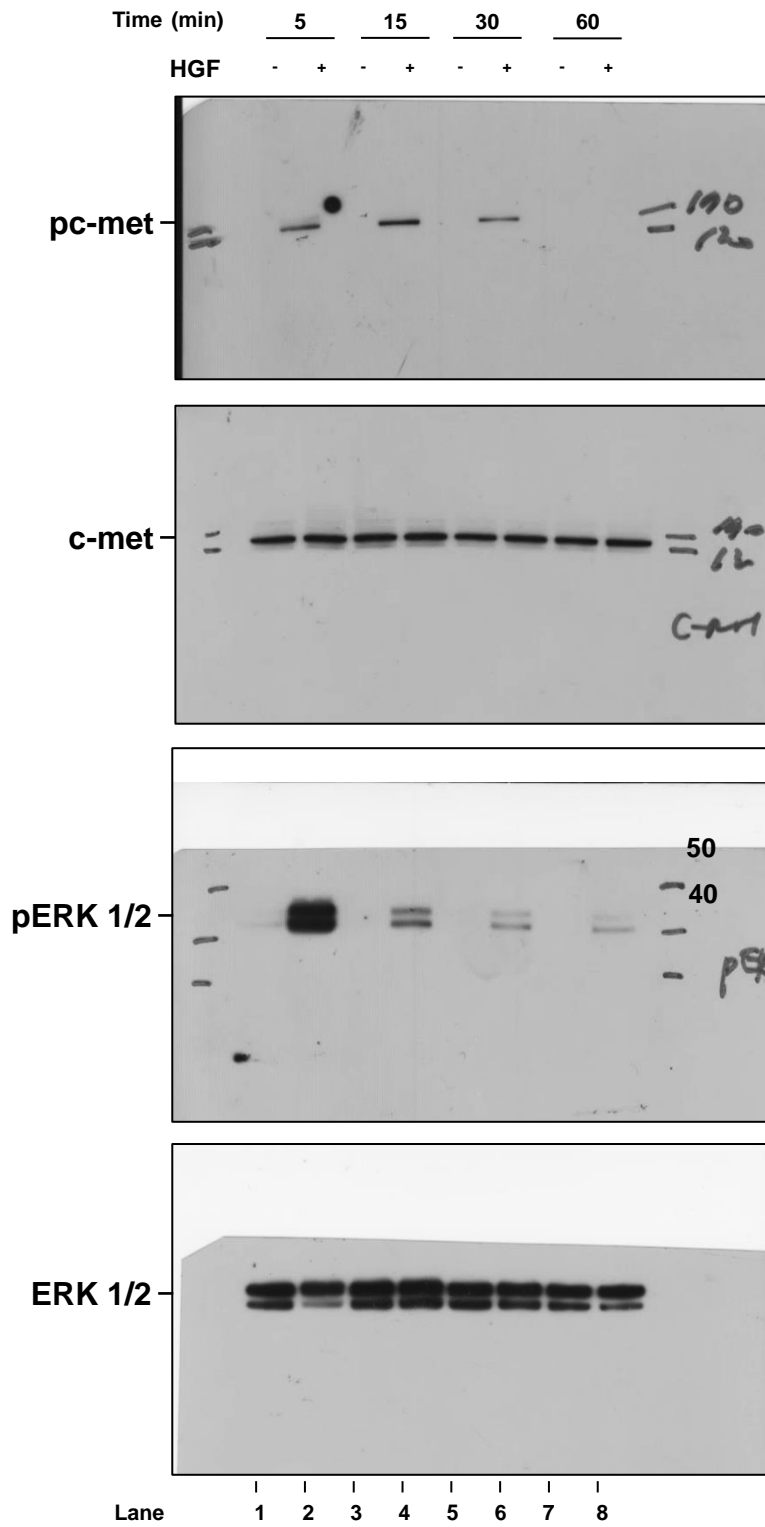
Supplementary Figure S5. Full representative Western blots. Full Western blot for Figure 4A.

Supplementary Figure S6

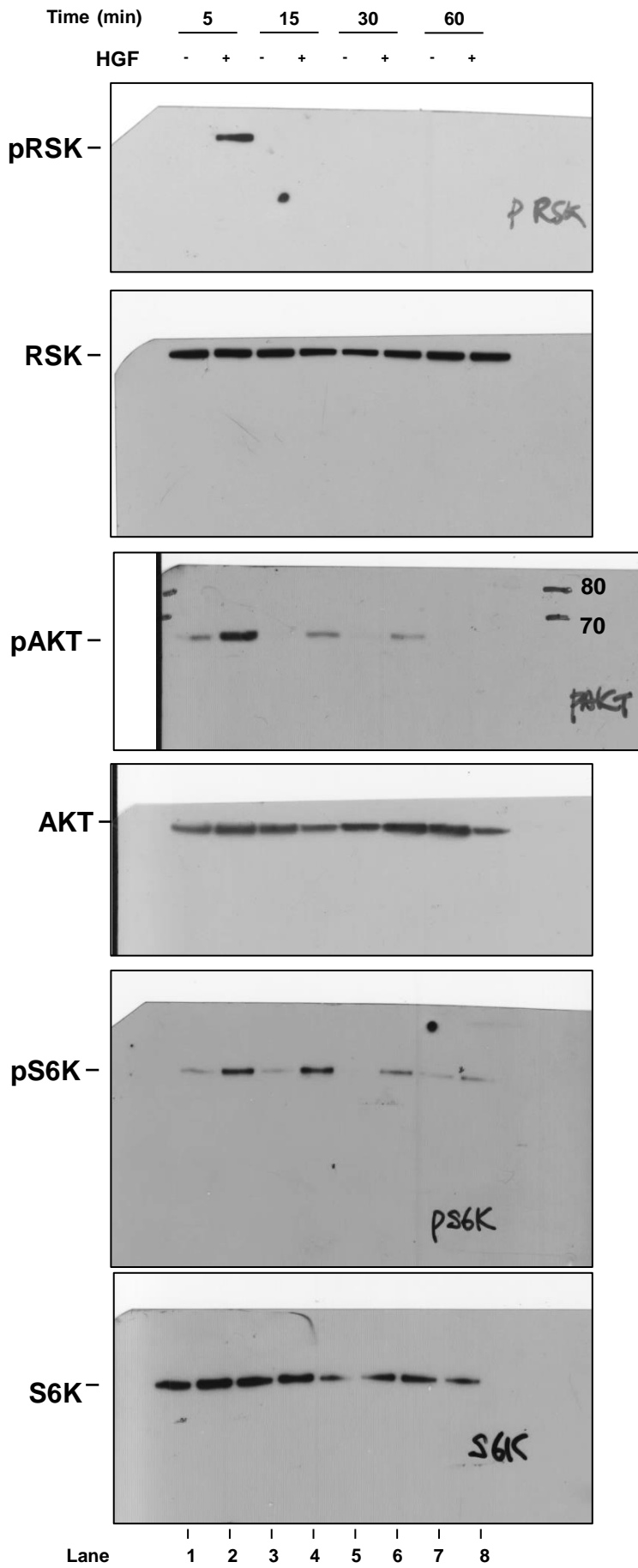


Supplementary Figure S6. Full representative Western blots. Full Western blot for Figure 5A.

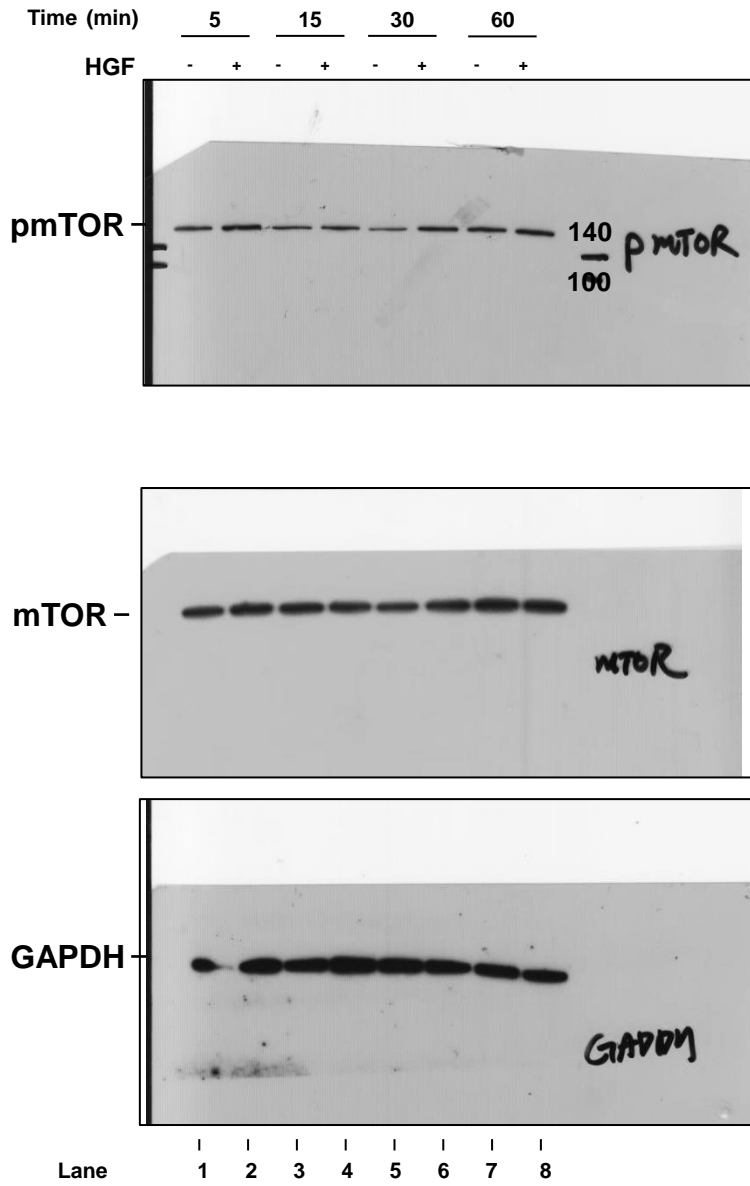
Supplementary Figure S7



Supplementary Figure S7



Supplementary Figure S7



Supplementary Figure S7. Full representative Western blots. Full Western blot for Figure 5E.