Supplement Figure 4.

![Image of protein expression analysis](image_url)

**Lane Description**: COS1, Cos-LV1, LV-SR, Cos1-tRFP

- **IB: Shoc2**
- **IB: pErk1/2**
- **IB: total Erk1/2**
- **IB: tRFP**

**Sample Conditions**: COS1, Cos-LV1, LV-SR, Cos1-tRFP

**Time Points**: 0, 5, 10 minutes

**Protein Manufacturer**: EGF (0.2 ng/mL)

**Additional Notes**: IB: immunoblotting

**Key Observations**:
- Shoc2 is detectable in all samples at the indicated time points.
- Erk1/2 phosphorylation (pErk1/2) increases with time in COS1 and Cos-LV1 but not in LV-SR and Cos1-tRFP.
- Total Erk1/2 is constant across all samples and time points.
- tRFP is detectable in all samples at the indicated time points.