Supplementary Figures

Phosphoproteomic investigation of targets of protein phosphatases in EGFR signaling

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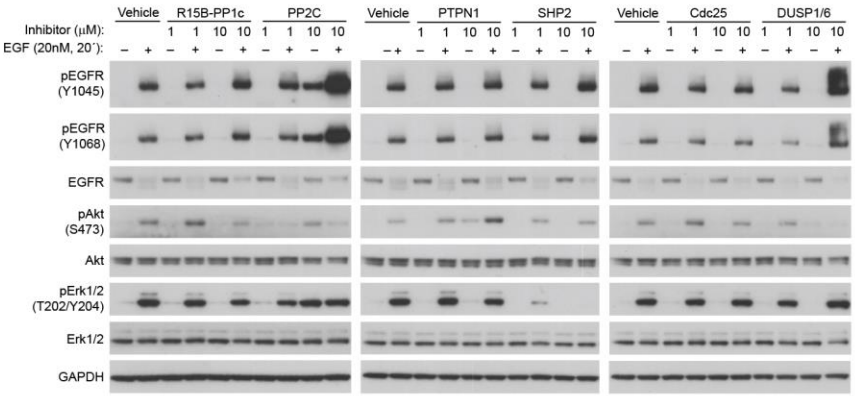

Figure S1. Western blotting analysis using the cell lysates of Hela cells pre-treated with the inhibitors (0.1 or 1 μM) for 15 min followed by 20 min incubation with EGF (20 nM).

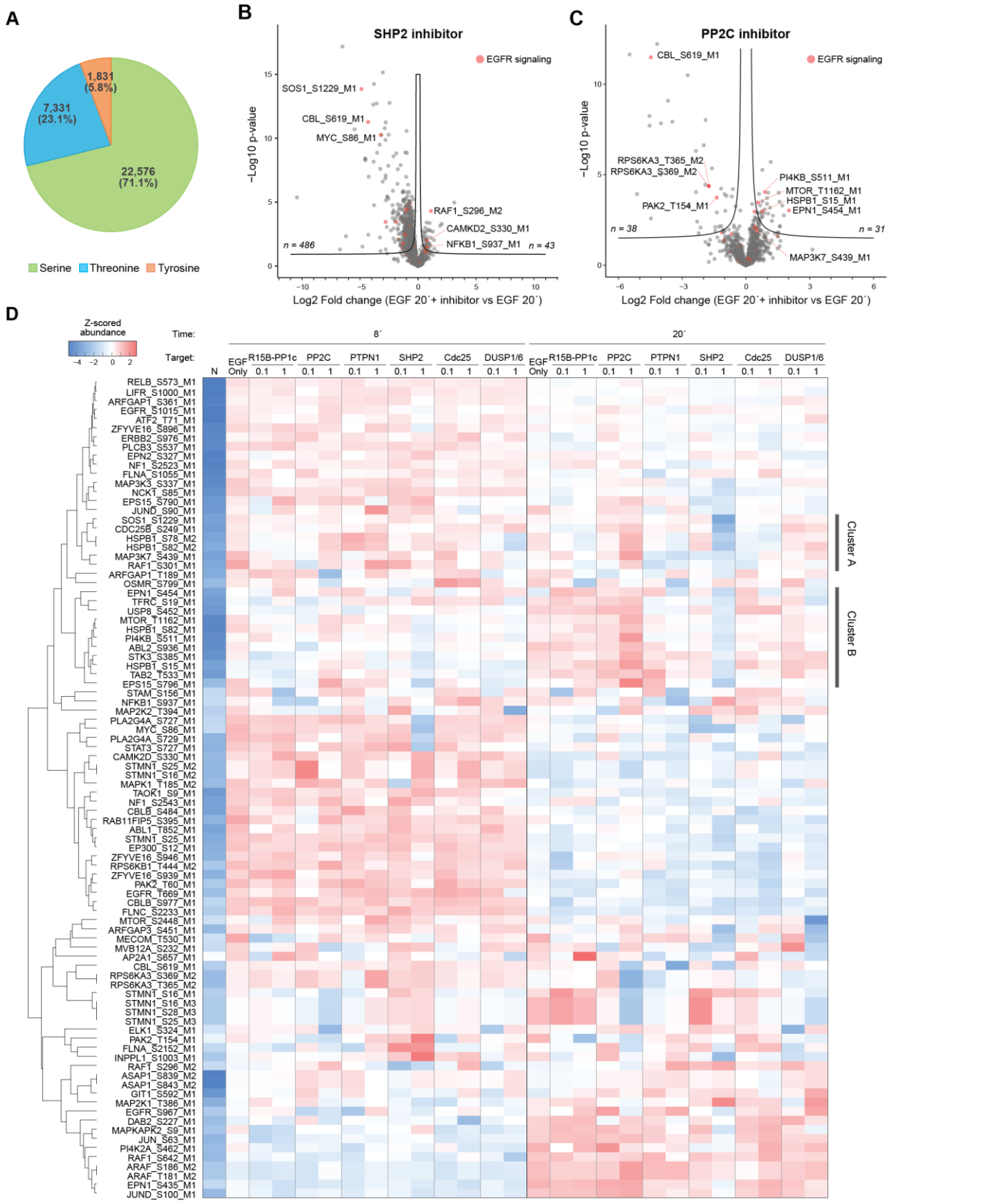

Figure S2. (A) The numbers and distribution of phosphorylated amino acids. (B, C) Volcano plots highlighting EGFR signaling-related proteins (red). Fold change represents EGF (20 nM, 20´) with the inhibitor of either (B) SHP2 or (C) PP2C. (D) Heatmap showing the z-scored phosphosite abundance.

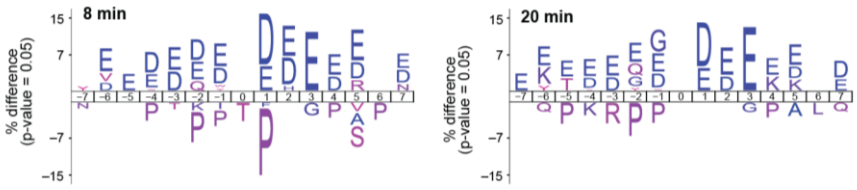

Figure S3. Sequence motif enrichment analysis of 15 residues surrounding the regulated phosphosites.

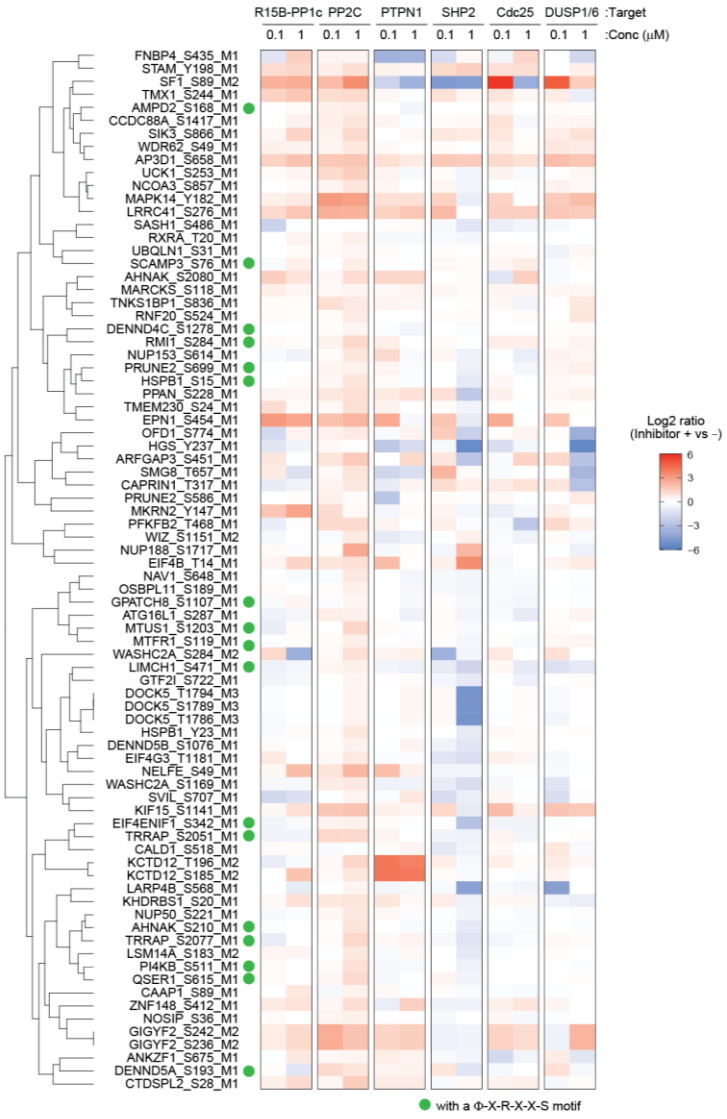

Figure S4. Heatmap showing the log2-transformed phosphosite abundance changes induced by inhibitor treatment.