

Supplemental Table 1: Phosphoproteomic data comparison: EGF versus EGFR inhibitor gefitinib

| Uniprot accession | Gene symbols | Gefitinib effect | | | | EGF effect | | | |
|-------------------|--------------|------------------|----------------------|-----------------|------------|------------|-----------------------|-----------------|------------|
| | | Mod. site | Sequence | Log2 (Gef/Ctrl) | P (t-test) | Mod. site | Sequence | Log2 (Egf/Ctrl) | P (t-test) |
| P00533 | EGFR | Y1172 | GSHQISLDNPDY*QQDFFPK | -0.517 | 0.000 | Y1171 | GSHQM@SLDNPDY*QQDFFPK | 0.473 | 0.011 |
| P35269 | GTF2F1 | T331 | KAPT*PQEK | -0.367 | 0.003 | T331 | KAPT*PQEK | 0.355 | 0.077 |
| Q15464 | SHB | Y246 | DKVTIADDY*SDPFDAK | -0.115 | 0.035 | Y238 | VTIADDY*SDPFDAK | 0.350 | 0.046 |
| Q9C0C2 | TNKS1BP1 | S920 | YSS*QDADEQDWEFQK | 0.082 | 0.059 | S908 | NLSGGYSS*QDAEEQDR | -0.437 | 0.080 |
| Q5SWX3 | CAMK2G | T369 | GST*ESCNTTTEDEDLK | 0.296 | 0.074 | T380 | GST*ESCNTTTEDEDLKVR | -0.361 | 0.034 |
| Q15121 | PEA15 | S116 | QPS*EEEEIK | 0.302 | 0.038 | S116 | QPS*EEEEIK | -0.348 | 0.059 |
| Q96F86 | EDC3 | S161 | HNS*WSSSSR | 0.427 | 0.000 | S159 | HNS*WSSSSR | -0.635 | 0.029 |

Phosphoproteomic data set generated by the present study using EGF was compared with that generated previously using EGFR inhibitor gefitinib by Koch et al (40).