

Electronic supplementary material

ESM Table 6 Inflammatory genes induced by TNF- α and inhibited by *FOXO1* siRNA: genes defined in the NF κ B pathway gene set

| Gene | TNF-α | | <i>FOXO1</i> siRNA | |
|--------------------------------|--------------------------------|-------------|---------------------------|-------------|
| | Median | Mean | Median | Mean |
| <i>TNFAIP3</i> | 18.77 | 28.47 | 0.01 | 0.28 |
| <i>IL1A</i> | 10.83 | 66.63 | 0.01 | 0.17 |
| <i>NFKBIA</i> | 4.31 | 6.14 | 0.10 | 0.28 |
| <i>MYD88</i> | 3.34 | 2.49 | 0.34 | 0.35 |
| <i>NFKB1</i> | 3.27 | 4.19 | 0.16 | 0.35 |
| <i>RELA</i> | 2.56 | 2.36 | 0.32 | 0.25 |
| <i>TNFRSF1B</i> | 2.32 | 2.20 | 0.52 | 0.58 |
| <i>TNF-α</i> | 2.18 | 7.84 | 0.02 | 0.30 |
| <i>MAP3K14</i> | 1.97 | 2.08 | 0.34 | 0.50 |
| <i>TRADD</i> | 1.80 | 1.47 | 0.59 | 0.52 |
| <i>TRAF6</i> | 1.68 | 1.63 | 0.43 | 0.35 |
| <i>TNFRSF1A</i> | 1.58 | 1.37 | 0.81 | 0.68 |
| <i>IKBKB</i> | 1.43 | 1.28 | 0.25 | 0.37 |
| <i>RIPK1</i> | 1.42 | 1.34 | 0.41 | 0.51 |
| <i>MAP3K7IP1</i> | 1.34 | 1.43 | 0.59 | 0.67 |
| <i>IRAK1</i> | 1.30 | 1.21 | 0.44 | 0.53 |
| <i>IKBKG</i> | 1.30 | 1.31 | 0.80 | 0.72 |
| <i>CHUK</i> | 1.25 | 1.19 | 0.81 | 0.78 |
| <i>TLR4</i> | 1.09 | 1.48 | 0.23 | 0.39 |
| <i>MAP3K7</i> | 0.99 | 0.92 | 0.69 | 0.88 |
| <i>FADD</i> | 0.98 | 0.84 | 0.99 | 1.11 |
| <i>IL1R1</i> | 0.88 | 1.13 | 0.70 | 0.73 |
| <i>MAP3K1</i> | 0.72 | 1.06 | 0.65 | 0.47 |

See footnote for ESM Table 1 for details