

Supplementary Table 1

| Secreted Factor | +Dox. / -Dox. | | WT / ADAM17-KO | |
|-----------------|---------------|----------|----------------|----------|
| | Fold Change | P-value | Fold Change | P-value |
| AREG | 8.35 | 5.88E-03 | 10.75 | 4.39E-03 |
| SDC4 | 5.32 | 9.18E-03 | 4.52 | 3.90E-03 |
| NECTIN1 | 3.67 | 1.49E-03 | 4.67 | 3.92E-03 |
| APP | 3.25 | 4.29E-03 | 1.98 | 1.03E-02 |
| PTPRS | 2.83 | 1.42E-02 | 3.23 | 2.18E-03 |
| PIK3IP1 | 2.83 | 2.89E-02 | 1.80 | 4.12E-02 |
| JAG1 | 2.75 | 1.24E-02 | 2.85 | 2.28E-03 |
| DDR1 | 2.69 | 2.37E-02 | 2.36 | 7.74E-03 |
| DAG1 | 2.67 | 1.73E-02 | 2.16 | 1.27E-02 |
| SFRP1 | 2.60 | 3.75E-02 | 2.70 | 3.69E-02 |
| NEO1 | 2.53 | 1.02E-02 | 2.56 | 8.18E-03 |
| MDK | 2.51 | 3.16E-02 | 1.98 | 1.54E-02 |
| HLA-C | 2.48 | 1.62E-02 | 1.99 | 2.17E-02 |
| MET | 2.22 | 3.56E-02 | 2.21 | 1.60E-02 |
| PTPRF | 2.20 | 1.10E-02 | 2.36 | 1.87E-03 |
| SDC1 | 2.16 | 3.73E-02 | 1.61 | 4.11E-02 |
| MSLN | 2.15 | 1.28E-02 | 1.59 | 4.60E-02 |
| SPINT1 | 2.10 | 1.93E-02 | 1.83 | 1.90E-02 |
| HLA-B | 2.07 | 1.23E-02 | 2.87 | 9.49E-03 |
| PTK7 | 2.05 | 3.81E-02 | 3.37 | 3.25E-03 |
| APLP2 | 1.91 | 7.05E-03 | 1.93 | 1.47E-03 |
| PROCR | 1.87 | 4.70E-02 | 2.96 | 4.26E-02 |
| HLA-A | 1.71 | 2.05E-02 | 2.22 | 1.05E-02 |
| CCT3 | 1.54 | 1.51E-03 | 1.65 | 1.07E-02 |