**Table S6:**

**Cross-referencing of genes identified in genetic association studies and significantly upregulated in this study**

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **SLE/Control Expression** | **P Value** | **Reference** |
| *CFB* | 562% | 2.7E-07 | ([1](#_ENREF_1)) |
| *CYP1A1*  | 267% | 9.4E-03 | ([2](#_ENREF_2)) |
| *HSPA2*  | 1068% | 2.0E-05 | ([3](#_ENREF_3)) |
| *IL1RN*  | 180% | 8.7E-04 | ([4](#_ENREF_4)) |
| *IL8*  | 123% | 1.9E-03 | ([5](#_ENREF_5)) |
| *CXCR1/IL8RA*  | 558% | 2.5E-08 | ([6](#_ENREF_6)) |
| *CXCR2/IL8RB*  | 289% | 1.6E-03 | ([6](#_ENREF_6)) |
| *SPP1*  | 310% | 6.4E-03 | ([7](#_ENREF_7)) |
| *SERPINE1*  | 218% | 4.6E-03 | ([8](#_ENREF_8)) |
| *C3*  | 206% | 2.0E-03 | ([9](#_ENREF_9)) |
| *SOD2*  | 139% | 3.8E-03 | ([10](#_ENREF_10)) |