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| **Supplemental Table 5: Comparison of gene expression levels among mouse BMDMs, bovine BMDMs and human MDM cells treated with bovine or human fibroblast CM.**  |
| **Genes****(PH-CM vs UNX)** | **Mouse BMDM +****Bovine PH-CM** | **Bovine BMDM +****Bovine PH-CM** | **Human MDM +****Bovine PH-CM** |
| **IL-1b** | **527.8 ± 90.75\*\*\*\*** | **22.39 ± 6.11\*** | **3.20 ± 0.67\*\*** |
| **IL6** | **61.09 ± 11.80\*\*\*** | **9.27 ± 1.24\*\*\*** | **2.40 ± 0.44\*\*** |
| **TLR2** | **22.88 ± 1.75\*\*\*\*** | **3.54 ± 0.52\*\*** | **0.89 ± 0.10** |
| **TLR4** | **6.13 ± 0.45\*\*\*\*** | **3.31 ± 0.36\*\*\*** | **2.86 ± 0.52\*\*** |
| **STAT3** | **7.33 ± 0.70\*\*\*\*** | **2.97 ± 0.56\*** | **2.0 ± 0.24\*\*\*** |
| **HIF1a** | **9.49 ± 0.97\*\*\*\*** | **4.99 ± 0.85\*\*** | **11.18 ± 2.17\*\*\*** |
| **MYD88** | **4.92 ± 0.72\*\*\*** | **2.09 ± 0.49** | **2.17 ± 0.26\*\*\*** |
| **mTOR** | **2.93 ± 0.43\*\*\*** | **2.83 ± 0.60\*** | **2.17 ± 0.26\*\*\*** |
| **CCR2** | **4.86 ± 0.61\*\*\*\*** | **4.42 ± 0.79\*\*** | **1.87 ± 0.34\*** |
| **C5AR1** | **4.67 ± 0.39\*\*\*\*** | **2.21 ± 0.28\*** | **10.21 ± 0.95\*\*\*\*** |
| **Arg1** | **94.09 ± 30.76 \*** | **1.22 ± 0.18** | **2.14 ± 0.14\*\*\*\*** |
| **Data is presented by fold change relative to untreated macrophages and is shown as mean ± sem.\*p< 0.05, \*\*p < 0.01, \*\*\*p<0.001, \*\*\*\*p < 0.0001, compared to untreated macrophages.** |