# SUPPLEMENTARY ONLINE MATERIAL

## SUPLLEMENTARY TABLE 1

| +D4-CM | +D10-CM | +C4-CM | +C6-CM | +D6-CM | +C7-CM | +pOECs | LPS control |
|---|---|---|---|---|---|---|---|
| 102 | 74 | 81 | 83 | 113 | 127 | 79 | 123 |
| 129 | 78 | 67 | 64 | 126 | 77 | 84 | 100 |
| 92 | 107 | 74 | 69 | 131 | 80 | 95 | 88 |

## SUPLLEMENTARY TABLE 2

| | Medium | 50ng/ml Cryab | 100ng/ml Cryab |
|---|---|---|---|
| Medium | 50<br>55<br>44 | 52<br>28<br>43 | 43<br>36<br>51 |
| LPS | 53<br>52<br>56 | 50<br>25<br>40 | 47<br>53<br>54 |
| Il-1α+ TNFα+ C1q | 52<br>41<br>49 | 46<br>29<br>59 | 59<br>65<br>61 |

Median values were calculated for each biological replicate obtained from multiple images containing around 100 cells for Figure 1C and 50 cells for Figure 2B.

SUPPLEMENTARY TABLE 3

| Sample | | dCt | dCt | dCt | mean | SD | SEM | ddCT | 2^(-ddCT) | 2^-(ddCT-SEM) | 2^-(ddCT+SEM) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LPS | Fkbp5 | 7.831 | 7.461 | 8.015 | 7.769 | 0.282 | 0.163 | 0.000 | 1.000 | 1.120 | 0.893 |
| | Ggta1 | 6.781 | 6.949 | 7.044 | 6.925 | 0.134 | 0.077 | 0.000 | 1.000 | 1.055 | 0.948 |
| | Serping1 | 4.895 | 4.539 | 4.655 | 4.697 | 0.181 | 0.105 | 0.000 | 1.000 | 1.075 | 0.930 |
| | Ligp1 | 7.240 | 7.012 | 7.063 | 7.105 | 0.120 | 0.069 | 0.000 | 1.000 | 1.049 | 0.953 |
| | Gbp2 | 1.580 | 1.415 | 1.755 | 1.583 | 0.170 | 0.098 | 0.000 | 1.000 | 1.070 | 0.934 |
| | Amigo2 | 9.793 | 9.748 | 9.844 | 9.795 | 0.048 | 0.028 | 0.000 | 1.000 | 1.019 | 0.981 |
| | H2-T23 | 3.418 | 3.566 | 3.830 | 3.605 | 0.209 | 0.120 | 0.000 | 1.000 | 1.087 | 0.920 |
| | Srgn | 5.651 | 5.635 | 5.730 | 5.672 | 0.051 | 0.030 | 0.000 | 1.000 | 1.021 | 0.980 |
| | H2D1 | -4.439 | -4.486 | -4.382 | -4.436 | 0.052 | 0.030 | 0.000 | 1.000 | 1.021 | 0.979 |
| | Ugt1a1 | 7.087 | 7.195 | 7.317 | 7.200 | 0.115 | 0.066 | 0.000 | 1.000 | 1.047 | 0.955 |
| | C3 | 6.603 | 6.681 | 7.080 | 6.788 | 0.256 | 0.148 | 0.000 | 1.000 | 1.108 | 0.903 |
| | Fbln5 | 11.742 | 11.483 | 11.806 | 11.677 | 0.171 | 0.099 | 0.000 | 1.000 | 1.071 | 0.934 |
| LPS +OEC-CM | Fkbp5 | 9.217 | 9.269 | 9.114 | 9.200 | 0.079 | 0.046 | 1.431 | 0.371 | 0.383 | 0.359 |
| | Ggta1 | 8.041 | 8.182 | 9.227 | 8.484 | 0.648 | 0.374 | 1.559 | 0.339 | 0.440 | 0.262 |
| | Serping1 | 5.899 | 5.969 | 5.964 | 5.944 | 0.039 | 0.022 | 1.248 | 0.421 | 0.428 | 0.415 |
| | Ligp1 | 8.242 | 8.474 | 8.401 | 8.372 | 0.119 | 0.069 | 1.267 | 0.416 | 0.436 | 0.396 |
| | Gbp2 | 3.030 | 3.230 | 4.131 | 3.463 | 0.587 | 0.339 | 1.880 | 0.272 | 0.344 | 0.215 |
| | Amigo2 | 11.367 | 11.378 | 14.133 | 12.293 | 1.594 | 0.920 | 2.498 | 0.177 | 0.335 | 0.094 |
| | H2-T23 | 4.164 | 4.506 | 4.531 | 4.400 | 0.205 | 0.119 | 0.796 | 0.576 | 0.625 | 0.531 |
| | Srgn | 7.426 | 7.711 | 7.011 | 7.383 | 0.352 | 0.203 | 1.711 | 0.306 | 0.352 | 0.265 |
| | H2D1 | -3.297 | -3.152 | -2.696 | -3.048 | 0.314 | 0.181 | 1.387 | 0.382 | 0.433 | 0.337 |
| | Ugt1a1 | 8.151 | 9.198 | 9.449 | 8.932 | 0.688 | 0.397 | 1.733 | 0.301 | 0.396 | 0.228 |
| | C3 | 8.288 | 7.970 | 7.645 | 7.968 | 0.322 | 0.186 | 1.179 | 0.442 | 0.502 | 0.388 |
| | Fbln5 | 13.173 | 12.940 | 12.920 | 13.011 | 0.141 | 0.081 | 1.334 | 0.397 | 0.420 | 0.375 |
| LPS +CryABKO OEC-CM | Fkbp5 | 7.034 | 7.021 | 7.562 | 7.205 | 0.309 | 0.178 | -0.563 | 1.478 | 1.672 | 1.306 |
| | Ggta1 | 4.680 | 4.735 | 4.673 | 4.696 | 0.034 | 0.020 | -2.229 | 4.687 | 4.752 | 4.623 |
| | Serping1 | 2.442 | 2.555 | 2.483 | 2.493 | 0.057 | 0.033 | -2.203 | 4.605 | 4.711 | 4.501 |
| | Ligp1 | 5.831 | 6.017 | 5.579 | 5.809 | 0.220 | 0.127 | -1.296 | 2.455 | 2.681 | 2.248 |
| | Gbp2 | 0.146 | 1.509 | 0.293 | 0.650 | 0.748 | 0.432 | -0.933 | 1.910 | 2.576 | 1.416 |
| | Amigo2 | 9.983 | 9.845 | 9.550 | 9.793 | 0.221 | 0.128 | -0.002 | 1.002 | 1.094 | 0.917 |
| | H2-T23 | 7.413 | 5.966 | 5.216 | 6.198 | 1.117 | 0.645 | 2.594 | 0.166 | 0.259 | 0.106 |
| | Srgn | 6.305 | 7.722 | 8.020 | 7.349 | 0.916 | 0.529 | 1.677 | 0.313 | 0.451 | 0.217 |
| | H2D1 | -3.402 | -3.416 | -3.233 | -3.351 | 0.102 | 0.059 | 1.085 | 0.471 | 0.491 | 0.452 |
| | Ugt1a1 | 7.791 | 8.941 | 8.113 | 8.282 | 0.593 | 0.342 | 1.082 | 0.472 | 0.599 | 0.373 |
| | C3 | 8.070 | 7.776 | 9.057 | 8.301 | 0.671 | 0.387 | 1.513 | 0.350 | 0.458 | 0.268 |
| | Fbln5 | 11.586 | 12.106 | 12.276 | 11.989 | 0.359 | 0.207 | 0.313 | 0.805 | 0.930 | 0.697 |
| LPS +IP-CryAB | Fkbp5 | 7.057 | 7.839 | 7.602 | 7.499 | 0.401 | 0.232 | -0.269 | 1.205 | 1.415 | 1.026 |
| | Ggta1 | 7.713 | 7.937 | 7.758 | 7.803 | 0.119 | 0.069 | 0.878 | 0.544 | 0.571 | 0.519 |
| | Serping1 | 5.114 | 5.172 | 5.249 | 5.178 | 0.068 | 0.039 | 0.482 | 0.716 | 0.736 | 0.697 |
| | Ligp1 | 8.687 | 8.955 | 8.787 | 8.810 | 0.135 | 0.078 | 1.704 | 0.307 | 0.324 | 0.291 |
| | Gbp2 | 3.079 | 3.347 | 3.246 | 3.224 | 0.135 | 0.078 | 1.641 | 0.321 | 0.338 | 0.304 |
| | Amigo2 | 10.597 | 11.388 | 12.252 | 11.412 | 0.828 | 0.478 | 1.617 | 0.326 | 0.454 | 0.234 |
| | H2-T23 | 4.391 | 5.143 | 4.150 | 4.561 | 0.518 | 0.299 | 0.957 | 0.515 | 0.634 | 0.419 |
| | Srgn | 6.580 | 6.512 | 6.626 | 6.573 | 0.057 | 0.033 | 0.901 | 0.536 | 0.548 | 0.524 |
| | H2D1 | -3.032 | -3.279 | -3.256 | -3.189 | 0.136 | 0.079 | 1.247 | 0.421 | 0.445 | 0.399 |
| | Ugt1a1 | 8.277 | 6.647 | 7.045 | 7.323 | 0.850 | 0.490 | 0.123 | 0.918 | 1.290 | 0.654 |
| | C3 | 6.097 | 6.949 | 6.158 | 6.401 | 0.476 | 0.275 | -0.387 | 1.308 | 1.582 | 1.081 |
| | Fbln5 | 10.750 | 10.186 | 10.053 | 10.329 | 0.370 | 0.214 | -1.347 | 2.544 | 2.950 | 2.194 |