**Table S1**

|  |  |  |
| --- | --- | --- |
|  | ***Fold gene expression\*****(Matrigel implants vs. non-seeded cells)* | ***Ratio*** |
| **Gene** | **UCBMSC-****seeded implants** | **ATDPC-****seeded implants** | **UCBMSC/ATDPC****implants** |
| *CD31* | 378 | 38.3 | 9.9 |
| *CD34* | 2 | 28.2 | 0.1 |
| *CD36* | 77 | 17 | 4.5 |
| *vWF* | 2 | 3.8 | 0.5 |
| *Egr-3* | 102 | 5 | 20.4 |
| *VEGF* | 81 | 89 | 0.9 |
| *SDF-1α* | 11.8 | 0.4 | 29.5 |
| *HIF-1α* | 50 | 60 | 0.8 |
| *ILK* | 23.5 | 1.1 | 21.4 |
| *Ephrin-B2* | 2.1 | 1.5 | 1.4 |