### Supplementary Table S2. Flow Cytometry quantification of Pop#8

| SampleID | BM-MNCs | UCB-MNCs | SVF    |
|----------|---------|----------|--------|
|          | Pop#8%  | Culture Yield% | Pop#8% | Culture Yield% | Pop#8% | Culture Yield% |
| BM001    | 1.71    | 2.56    | UCB01  | 0.01    | 0.50    | SVF01 | 0.03    | 4.80    |
| BM002    | 1.85    | 2.22    | UCB02  | 0.02    | 1.61    | SVF02 | 0.08    | 4.00    |
| BM003    | 2.84    | 0.58    | UCB03  | 0.02    | 1.00    | SVF03 | 0.03    | 2.25    |
| BM004    | 2.50    | 0.20    | UCB04  | 0.02    | 0.09    | SVF04 | 0.09    | 2.50    |
| BM005    | 1.24    | 0.13    | UCB05  | 0.10    | 0.65    | SVF05 | 0.03    | 3.10    |
| BM006    | 0.80    | 0.73    | UCB06  | 0.09    | 1.37    | SVF06 | 0.00    | 2.10    |
| BM007    | 1.18    | 1.37    | UCB07  | 0.04    | 1.72    | SVF07 | 0.03    | 2.40    |
| BM008    | 1.50    | 0.78    | UCB08  | 0.07    | 0.08    |       |         |         |
| BM009    | 1.78    | 2.11    | UCB09  | 0.10    | 0.86    |       |         |         |
| BM010    | 1.70    | 1.51    | UCB10  | 0.05    | 0.00    |       |         |         |
| BM011    | 1.73    | 0.83    | UCB11  | 0.09    | 0.33    |       |         |         |
| BM012    | 0.75    | 0.61    | UCB12  | 0.10    | 0.04    |       |         |         |
| BM013    | 1.83    | 1.38    | UCB13  | 0.09    | 0.30    |       |         |         |
| BM014    | 0.65    | 0.34    | UCB14  | 0.06    | 0.83    |       |         |         |
| BM015    | 1.28    | 0.13    | UCB15  | 0.01    | 0.17    |       |         |         |
| BM016    | 1.42    | 0.98    | UCB16  | 0.07    | 0.06    |       |         |         |
| BM017    | 1.94    | 0.50    | UCB17  | 0.01    | 0.12    |       |         |         |
| BM018    | 1.51    | 0.54    | UCB18  | 0.07    | 0.41    |       |         |         |
| BM019    | 1.73    | 0.63    | UCB19  | 0.02    | 1.00    |       |         |         |
| BM020    | 1.45    | 0.94    | UCB20  | 0.00    | 0.35    |       |         |         |
| BM021    | 1.55    | 1.36    | UCB21  | 0.03    | 0.15    |       |         |         |
| BM022    | 1.10    | 0.79    | UCB22  | 0.01    | 1.80    |       |         |         |
| BM023    | 2.20    | 1.33    | UCB23  | 0.01    | 1.13    |       |         |         |
| BM024    | 1.76    | 1.01    | UCB24  | 0.02    | 0.60    |       |         |         |
| BM025    | 1.20    | 0.78    | UCB25  | 0.01    | 0.42    |       |         |         |
| BM026    | 2.10    | 1.12    | UCB26  | 0.03    | 0.87    |       |         |         |
| BM027    | 1.70    | 0.94    |       |         |         |       |         |         |
| BM028    | 1.87    | 0.87    |       |         |         |       |         |         |
| BM029    | 1.82    | 1.21    |       |         |         |       |         |         |
| BM030    | 1.87    | 1.10    |       |         |         |       |         |         |
| BM031    | 0.61    | 0.55    |       |         |         |       |         |         |
| BM032    | 1.91    | 0.78    |       |         |         |       |         |         |

**Mean**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 1.60    | 0.97     | 0.04   |

**SEM**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 0.12    | 0.12     | 0.04   |

**Mean**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 0.04    | 0.63     | 0.04   |

**SEM**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 0.04    | 0.13     | 0.40   |

**Mean**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 0.04    | 3.02     |        |

**SEM**

| BM-MNCs | UCB-MNCs | SVF    |
|---------|----------|--------|
| 0.40    | 0.38     |        |