**Table S1. Distribution of CD34, CD41 and CD45 expressing cells sorted from differentiated hESCs**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | CD41+CD34+ | **CD41+CD34-** | **CD41-CD34+** | **CD41-CD34-** |  |
| D13 |  |  |  |  |  |
| HES3 | 1.4+0.68 | 1.3+0.77 | 5.3+3.33 | 91.9+3.54 |  |
| Envy | 1.5+0.90 | 1.2+0.53 | 6.7+3.94 | 90.6+4.93 |  |
|  |  |  |  |  |  |
|  | **CD41+CD34lo****CD45+** | **CD41lo/-CD34+****CD45-** | **CD41lo/-CD45+****CD34+/-** | **CD41+CD34lo****CD45-** | **CD41-CD34-****CD45-** |
| D20 |  |  |  |  |  |
| HES3 | 1.2+0.40 | 1.4+0.20 | 39.8+0.87 | 1.4+0.32 | 59.7+8.69 |
| Envy | 2.8+0.78 | 3.2+2.46 | 22.5+8.11 | 1.6+0.83 | 69.8+5.08 |

Values represent the percent mean+SD for each fraction evaluated before sorting was performed, n=5