**Supplemental Table S2:** FACS antibody panels used to sort early (HSC) and late (GMP, MEP) myeloid progenitor subsets of normal bone marrow samples.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Cohort ID** | **Subset** | **CD34+ MACSa** | **HSC** | **GMP** | **MEP** | **Reference** |
| GSE63270 | HSCGMPMEP | CD34+ enrichment | CD34+, CD38-, CD45RA-, CD90+ | CD34+, CD38+, CD45RA+, D123+ | CD34+, CD38+, CD45RA-, D123- | Jung et al.1 |
| GSE42519 | HSCGMPMEP | CD34+ enrichment | CD34+, CD38-, CD45RA-, CD90+ (intermediate) | CD34+, CD38+, CD45RA+, D123+ (intermediate) | CD34+, CD38+, CD45RA-, CD123- | Rapin et al.2 |
| GSE19599 | GMPMEP | n.a. | n.a. | CD34+, D45RA+, D123low, CD19-, CD10-, CD110-, | CD34+, CD45RA-, CD123low, CD19-, CD10-, CD110+ | Anderson et al.3 |
| GSE17054 | HSC | n.a. | CD34+, CD38-, CD90+ | n.a. | n.a. | Majeti et al.4 |
| GSE19429 | HSC | CD34+ enrichment | n.a. | n.a. | n.a. | Pellagatti et al.5 |

Abbreviations: HSC, hematopoietic stem cells; GMP, granulocytic-monocytic progenitors; MEP, megakaryocyte-erythroid progenitors; a CD34+ MACS: CD34+ cell enrichment using magnetic cell sorting separation through CD34 labeling with MicroBeads