

S1 Table: Percentage of markers associated with SNPs, for sex-specific and common markers by candidate model. The category ‘Unassigned’ refers to all CpG probes that were not assigned to any marker panel, based on a 5% Bayes’ FDR.

| Model | Female | Male | Common |
|------------------------|--------|-------|--------|
| CD19 ⁺ B | 24.19 | 26.82 | 27.05 |
| CD14 ⁺ Mono | 37.02 | 34.62 | 36.51 |
| CD4 ⁺ T | 29.05 | 28.34 | 26.10 |
| CD8 ⁺ T | 23.14 | 19.47 | 21.97 |
| CD16 ⁺ Neu | 37.11 | 33.85 | 38.84 |
| CD56 ⁺ NK | 33.70 | 36.82 | 36.02 |
| Pan T | 24.43 | 24.79 | 25.65 |
| Lymphocyte-I | 28.03 | 27.55 | 28.46 |
| Lymphocyte-II | 30.68 | 27.88 | 30.91 |
| Myeloid | 34.22 | 30.58 | 34.92 |
| All | 34.84 | 34.62 | 35.46 |
| Unassigned | 26.81 | 26.75 | 26.61 |