

S1 Table

Sorting stem and progenitor populations

Population	Identification	Usage	Figure
hCD25 ⁻ CLP hCD25 ⁺ CLP Pro B cells Pre B cells Mature B cells	Lin ⁻ B220 ⁻ CD19 ⁻ IL7R ⁺ Flt3 ⁺ Sca1 ^{low} cKit ^{low} CD25 ⁻ Lin ⁻ B220 ⁻ CD19 ⁻ IL7R ⁺ Flt3 ⁺ Sca1 ^{low} cKit ^{low} CD25 ⁺ CD19 ⁺ AA4.1 ⁺ CD43 ^{low} CD19 ⁺ B220 ⁺ CD43 ⁻ IgM ⁻ CD19 ⁺ IgM ⁺	Analysis of GSE11110 (Mansson et al., 2008)	Fig 3A
Pre-pro B Pro-B Pre-B Immature B	B220 ⁺ CD43 ⁺ CD19 ⁻ IgM ⁻ B220 ⁺ CD43 ⁺ CD19 ⁺ AA4 ⁺ IgM ⁻ CD43 ⁻ B220 ⁺ IgM ⁻ CD19 ⁺ CD43 ⁻ B220 ⁺ CD19 ⁺ IgM ⁺	Cell Sorting	Fig 3B
HSC2 Early B-cell Pro-B cells	CD38 ⁻ CD34 ⁺ CD34 ⁺ CD10 ⁺ CD19 ⁺ CD34 ⁻ CD10 ⁺ CD19 ⁺	Analysis of GSE24759 (Novershtern et al., 2011)	Fig 3C
HSC LMPP CMP GMP MEP	Lin-cKit+Sca1+Flt3- Lin-cKit+Scat1+Flt3+ Lin-cKit+CD34 ^{int} CD16/32 ^{int} Lin-cKit+CD34+CD16/32+ Lin-cKit+CD34-CD16/32-	Cell Sorting	Fig 3D Fig 5C-D
HSC	Lin-cKit+Sca1+Flt3-	Cell Sorting	Fig 4B