

Supplementary Table 1. CAFC day 35 numbers in B6, D2 and BXD recombinant inbred strains.

Strain	CAFC day35 number per femur		Strain	CAFC day35 number per femur
B6	346.5		D2	553
BXD1	260		BXD2	831
BXD5	618		BXD6	292
BXD8	373		BXD9	724
BXD11	921		BXD12	555
BXD13	195		BXD14	510
BXD15	359		BXD16	545
BXD18	461		BXD19	449
BXD20	371		BXD21	515
BXD22	515		BXD23	287
BXD24	335		BXD25	249
BXD27	320		BXD28	597
BXD29	144		BXD30	478
BXD31	554		BXD32	468

The absolute HSC numbers (means) represented by CAFC day35 numbers per femur in B6, D2 and 26 BXD recombinant inbred strains were derived from previously published data^{6,12}. The linkage analysis based on these numbers was performed to search for QTL that are associated with the natural variation of HSC numbers between B6 and D2 mice.