Supplementary Table 2. List of the genes located at 172-176 Mb in Chr 1, with the fold-change in the expression between the C168-176 and B6 if significant.

Gene Description Symbol to B6 mice CD48 antigen (B-cell membrane protein) CD48 Lymphocyte antigen 108 Nicastrin Nostm Nicastrin Nostm Peroxisomal farnesylated protein EST Phosphoprotein enriched in astrocytes 15 Calsequestrin 1 ATPase, Na+/K+ transporting, alpha 4 polypeptide ATPase, Na+K+ transporting, alpha 2 Immunoglobulin superfamily receptor Potassium inwardly-rectifying channel, subfamily J, member 9 Phosphatidylinositol glycan, class M CD2 antigen family, member 10 (CD84) Immunoglobulin superfamily, member 9 Transgelin 2 Hypothetical protein XP _287056 [Mus musculus] EST Similar to coxsackie-adenovirus-receptor EST Similar to hypothetical protein FLJ20442 C-reactive protein, petaxin related (CRP-F1-R1) Similar to ribosomal protein L6 Serum amyloid P-component Olfactory receptor MOR267-4 Olfactory receptor MOR267-5 Olfactory receptor MOR267-2 Fc receptor, IgE, high affinity I, alpha polypeptide Olfactory receptor MOR267-8 EST on s Simolar to yoo base diff. from c-reactive		I	Fold shangs sampared
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Duffy blood group	Dfy	6 <u>+</u> 1.4*
Nectin-lke 1		ns
Similar to absentin melanoma 2		ns
Similar to Gamma-interferon-inducible		
protein Ifi-16	<i>IFI 16</i>	ns
Similar to hypothetical protein		
MGC23885		ns
Similar to hypothetical protein		
4930422C14		ns
EST	EST	ns
Interferon activated gene 204		ns
Similar to myeloidcell nuclear		
differentiation antigen		ns
Interferon activated gene 203		ns
Interferon activated gene 205		ns
Alpha spectrin 1 erythroid (spna1)		ns
EST		not expressed in bone
Formin2		ns
Fumarate hydratase1		ns

ns. refers to no significant difference between the congenic subline C168-176 and B6 mice. *P<0.01 vs B6 control mice. For the genes with very low expression in bone, it was not possible to determine accurately the expression between the sublines and the B6 control mice.