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**Figure S1.** Relative gene expression levels of MyD88 and IRF-7 in tissues of chickens challenged with Newcastle disease virus (NDV) strain GD (Md/CH/LGD/1/2005) and NDV strain F48E9, respectively. The cDNA copy numbers in tissue samples were measured by quantitative RT-PCR. The mRNA expression levels of target genes were normalized to that of 18S rRNA in the same samples. Each bar is the mean  $\pm$  SD. <sup>a, b</sup> Values with different superscripted letters are significantly different ( $P < 0.05$ ).

**Figure S2.** Relative gene expression levels of NF- $\kappa$ B in tissues of chickens challenged with Newcastle disease virus (NDV) genotype VIIId strain GD (Md/CH/LGD/1/2005) and NDV strain F48E9, respectively. The cDNA copy numbers in tissue samples were measured by quantitative RT-PCR. The mRNA expression levels of target genes were normalized to that of 18S rRNA in the same samples. Each bar is the mean  $\pm$  SD. <sup>a, b</sup> Values with different superscripted letters are significantly different ( $P < 0.05$ ).

**Figure S3.** Relative gene expression levels of Fas/FasL, MHC class I, and MHC class II in tissues of chickens challenged with Newcastle disease virus (NDV) strain GD (Md/CH/LGD/1/2005) and NDV strain F48E9, respectively. The cDNA copy numbers in tissue samples were measured by quantitative RT-PCR. The mRNA expression levels of target genes were normalized to that of 18S rRNA in the same samples. Each bar is the mean  $\pm$  SD. <sup>a, b</sup> Values with different superscripted letters are significantly different ( $P < 0.05$ ).

Fig.S1

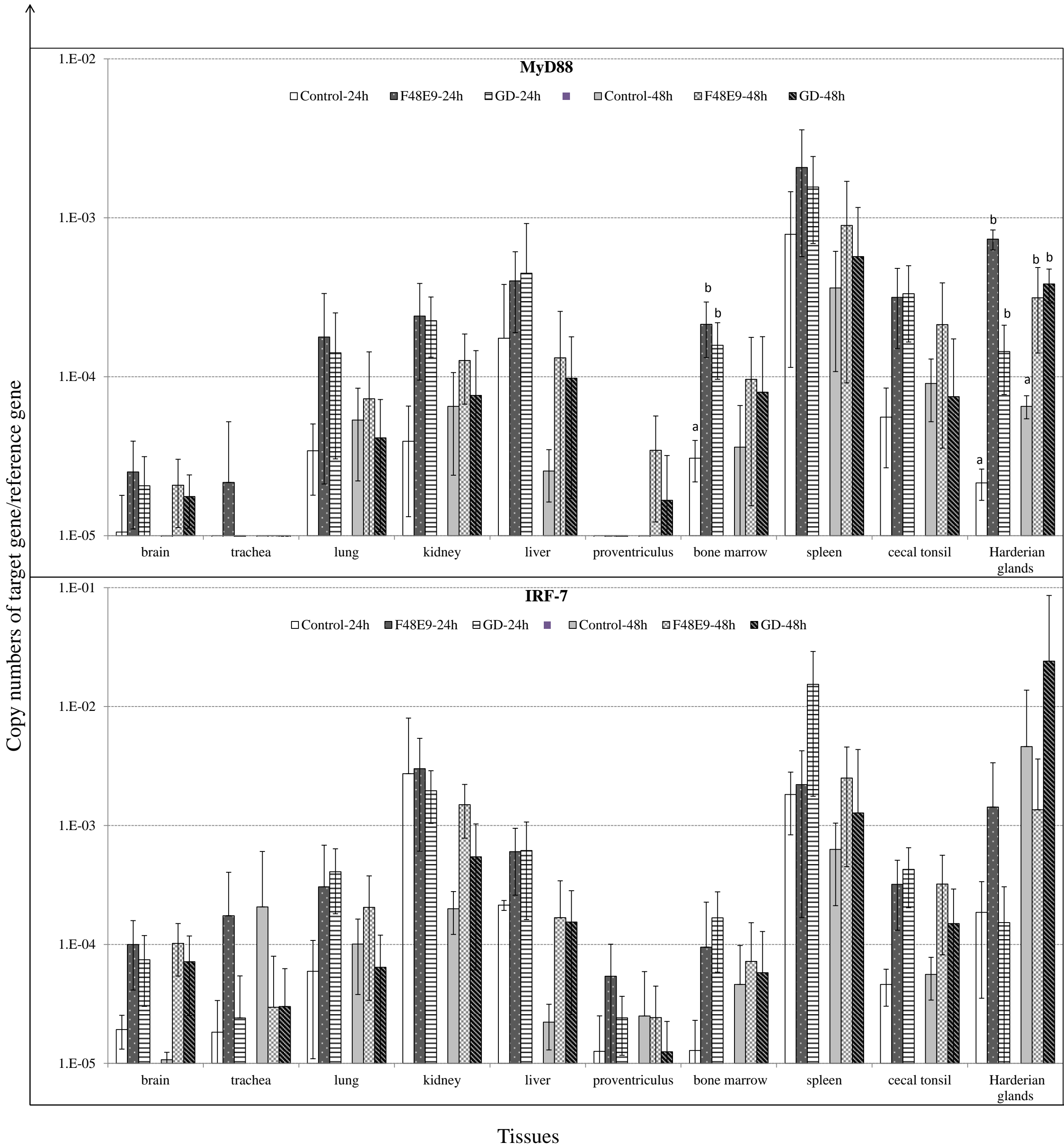


Fig.S2

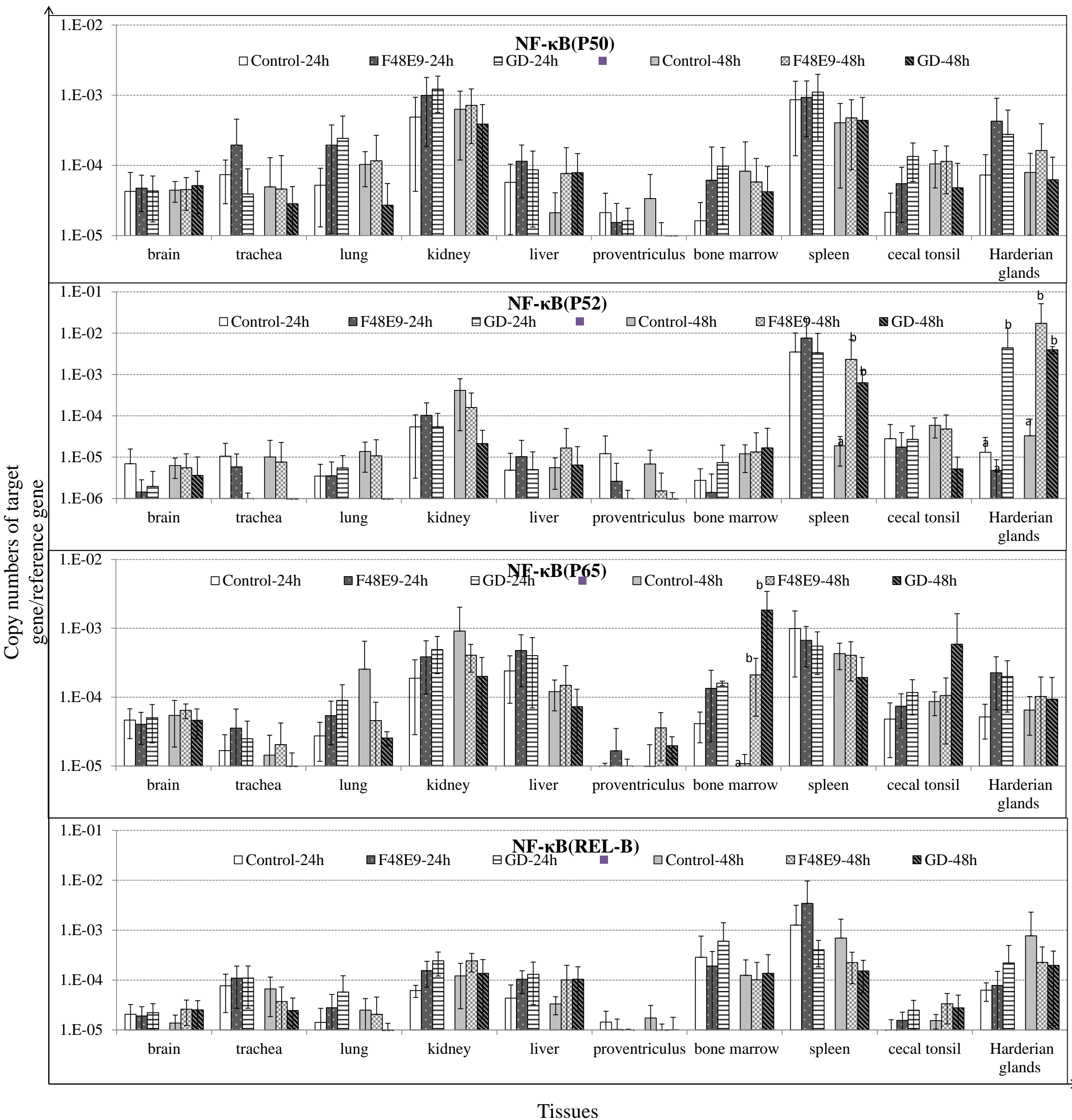
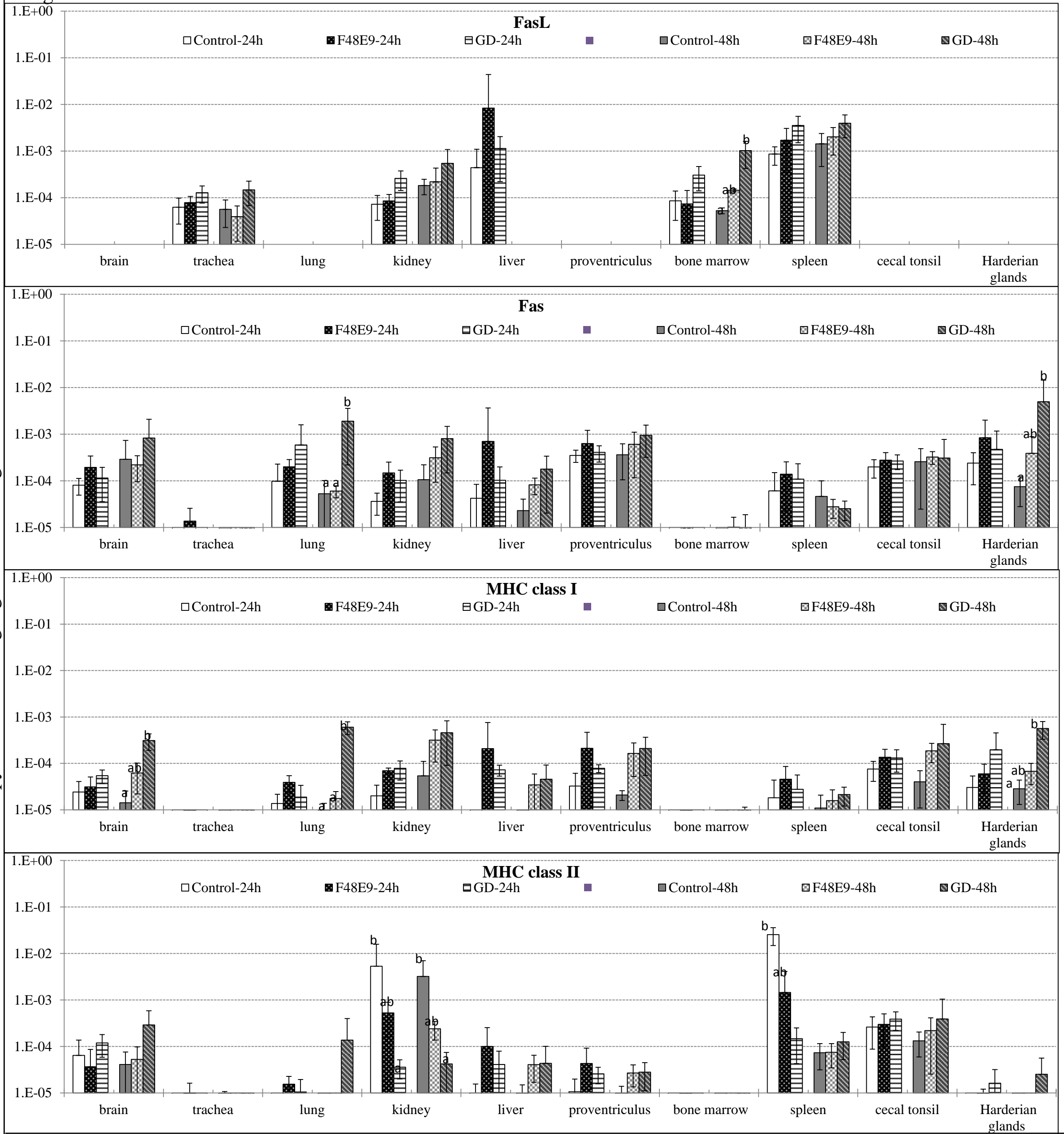


Fig.S3



Tissues