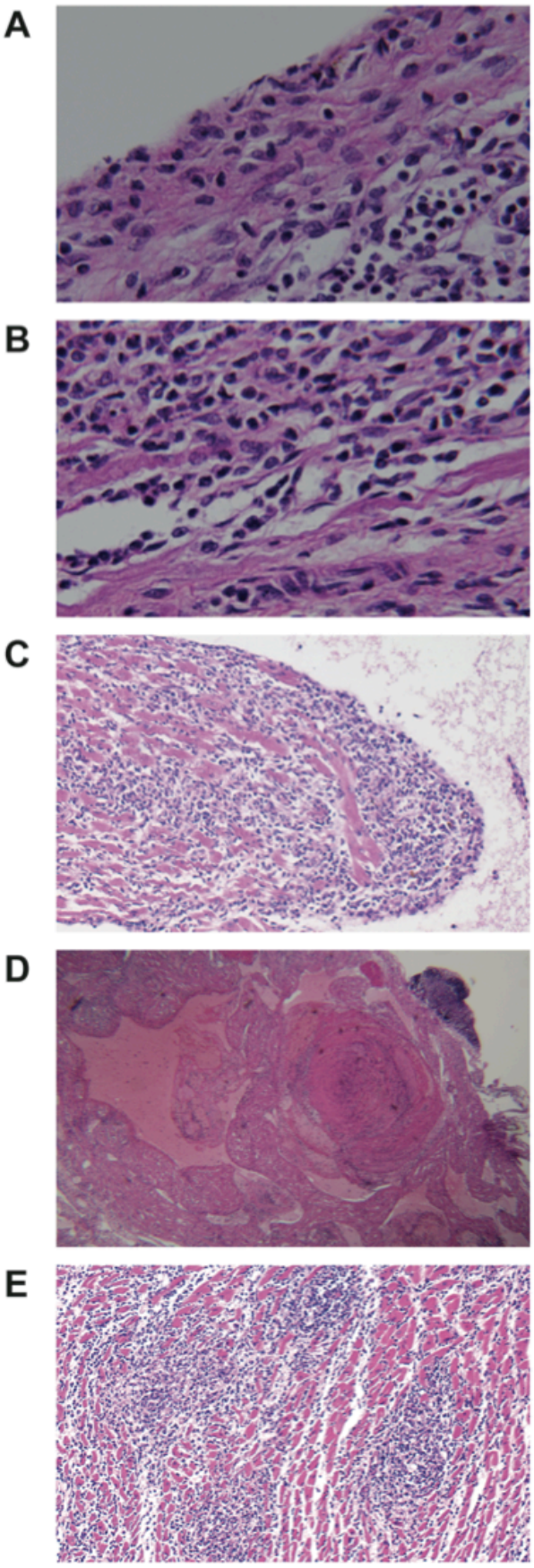
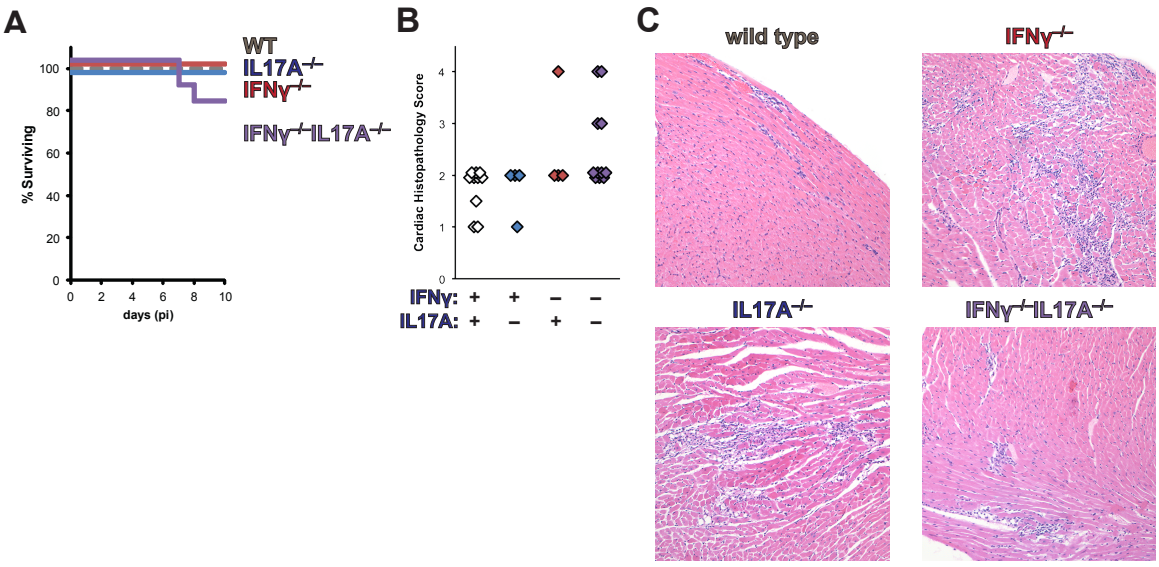
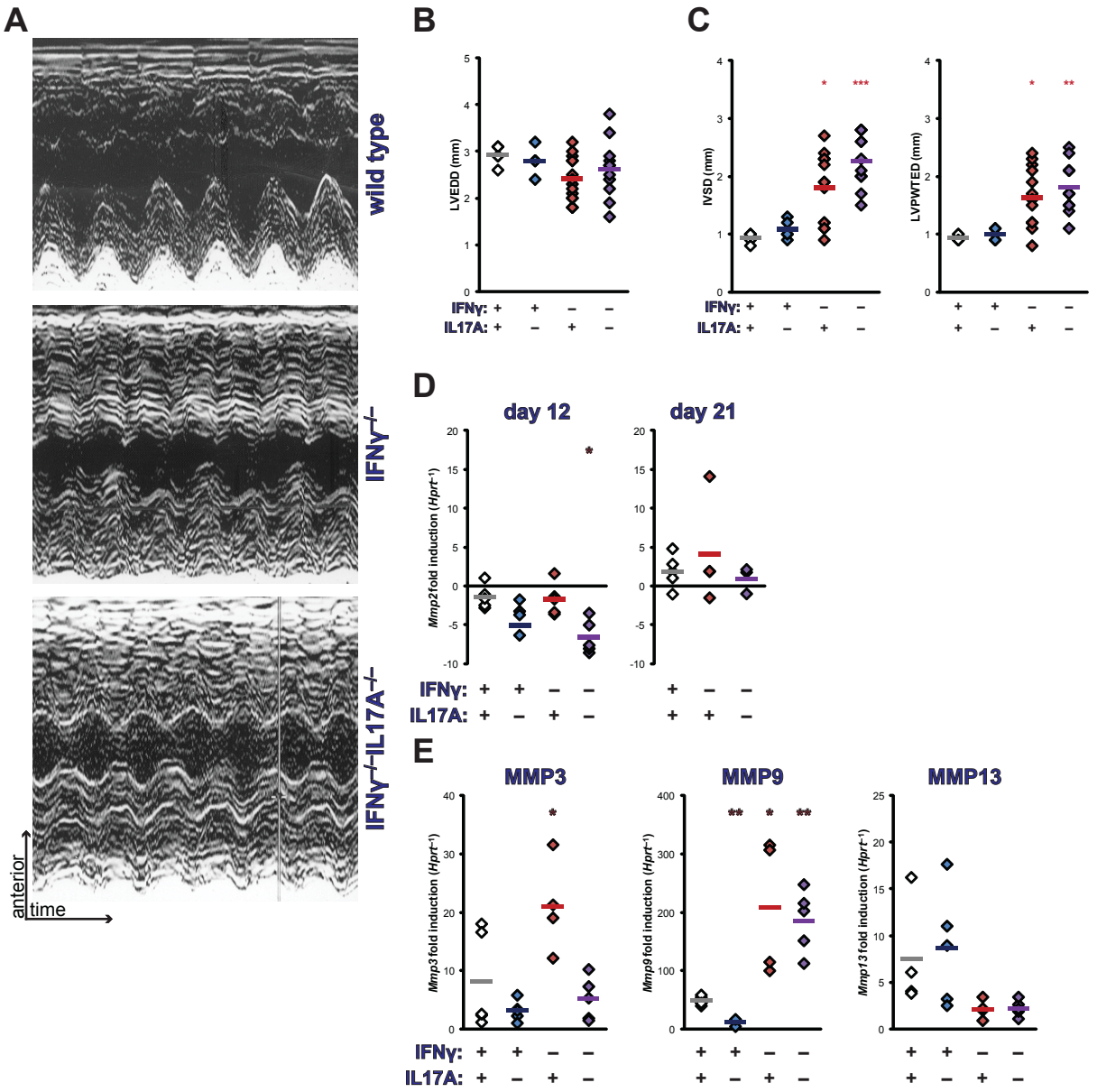
Supplemental Table I: Primers used for quantitative realtime PCR amplification		
Gene	**Forward**	**Reverse**
Ccl11	GAATCACCAACAACAGATGCAC	ATCCTGGACCCACTTCTTCTT
Ccl24	TCTTAGGGCCCTTCTTGGTG	AATTCCAGAAAACCGAGTGG
Ccl26	AGCTGCACCAGTGACGGTGTGATATT	GATGAATCTCTGCACCCATTTGGCCC
Col1a2	AGCAGGTCCTTGGAAACCTT	AAGGAGTTTCATCTGGCCCT
Col3a1	GTGAACGGGGCGAAGCTGGTT	GCGGCTCCTGGAAGCCCATTTG
Mmp2	TTTGCTCGGGCCTTAAAAGTAT	CCATCAAACGGGTATCCATCTC
Mmp3	AGCCTTGGCTGAGTGGTAGA	CGATGATGAACGATGGACAG
Mmp9	TGCCCATTTCGACGACGAC	GTGCAGGCCGAATAGGAGC
Mmp13	GGTCCTTGGAGTGATCCAGA	TGATGAAACCTGGACAAGCA

Supplemental Figure 1: Histopathologic features of severe EAM in IFNγ$^{-/-}$IL17A$^{-/-}$ mice. From top to bottom: A) Pericarditis with extensive pericardial fibrosis and effusion, 200x. B) Cardiomyocyte necrosis 200x. C) Endocarditis, 40x. D) Atrial thrombosis, 10x. E) Ectopic germinal center-like follicular structures, 40x. H&E staining.





Supplemental Figure 2: Responses of IFNγ$^{-/-}$IL17A$^{-/-}$ mice to infection with coxsackievirus B3 (CVB3). A) Survival of male IFNγ$^{-/-}$IL17A$^{-/-}$ (violet, *n* = 13), IFNγ$^{-/-}$ (red, *n* = 4), IL17A$^{-/-}$ (blue, *n* = 5), and wild type (dashed grey, *n* = 10) mice during the first 10 days of CVB3 infection. B) Cardiac histopathology of mice surviving at day 10. C) Representative histopathology of median individual animals of each group, H&E stained, 40x. Individual data points represent individual animals. Statistics are by Kaplan-Meier log rank and Kruskal-Wallis ANOVA.



Supplemental Figure 3: Regulation of cardiac remodeling and dilation in IFNγ$^{-/-}$IL17A$^{-/-}$ EAM. A) Representative M-mode echocardiographic imaging of animals at day 14 of EAM. Figure depicts median individual in each group. M-mode echocardiographic measurement of B) left ventricular diastolic dimension (LVEDD), C) left ventricular wall thicknesses – intraventricular septum (IVSD, left), and the posterior wall (LVPWTED, right) at day 14 of EAM. Transcriptional regulation of D) MMP2 on days 12 (left) and 21 (right) in IFNγ$^{-/-}$IL17A$^{-/-}$ (violet), IFNγ$^{-/-}$ (red), IL17A$^{-/-}$ (blue), and wild type (open) mice with EAM. E) Transcriptional regulation of MMP3, MMP9, and MMP13 on day 12 of EAM. Individual data points represent individual animals. Statistics are by two-tailed Students' *t*-test. Asterisks denote * $p < 0.05$; ** $p < 0.005$.