

The Gp1ba-Cre transgenic mouse

Nagy, Zoltan; Voegtle, Timo; Geer, Mitchell; Mori, Jun; Heising, Silke; Di Nunzio, Giada; Gareus, Ralph; Tarakhovsky, Alexander; Weiss, Arthur; Neel, Benjamin G; Desanti, Guillaume; Mazharian, Alexandra; Senis, Yotis

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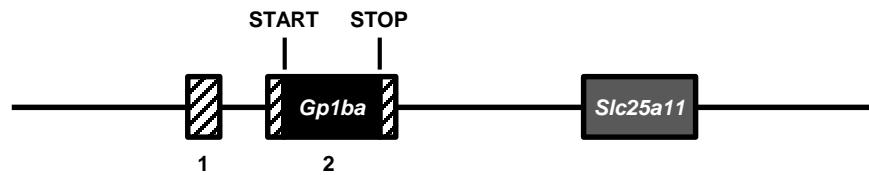
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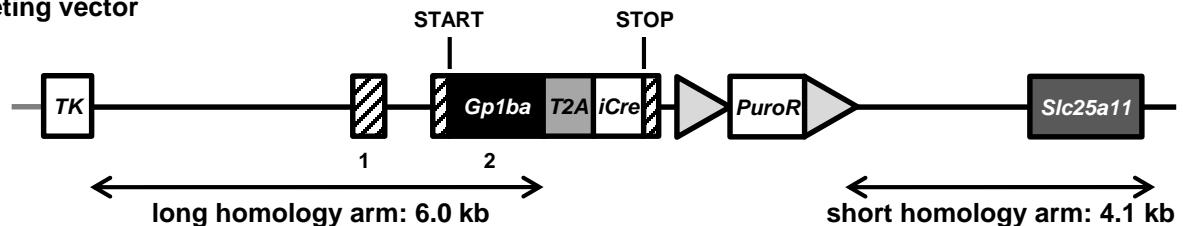
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Figure 1

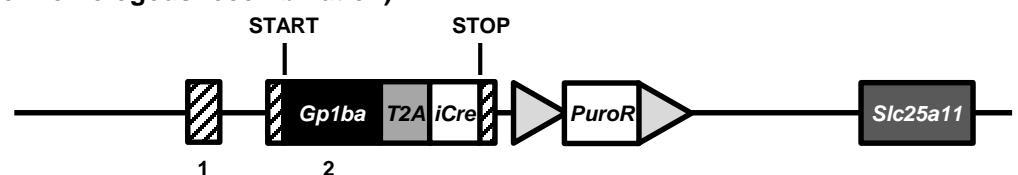
Mouse genomic locus (chromosome 11)



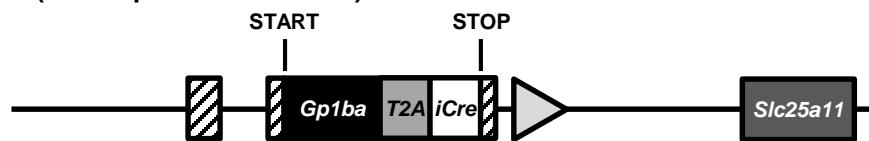
Targeting vector



Targeted allele (after homologous recombination)



Constitutive KI allele (after Flpe recombination)



Legend

- Mouse genomic region
- Vector backbone
- █ *Gp1ba* coding exon
- █ *Gp1ba* untranslated region
- △ FRT site

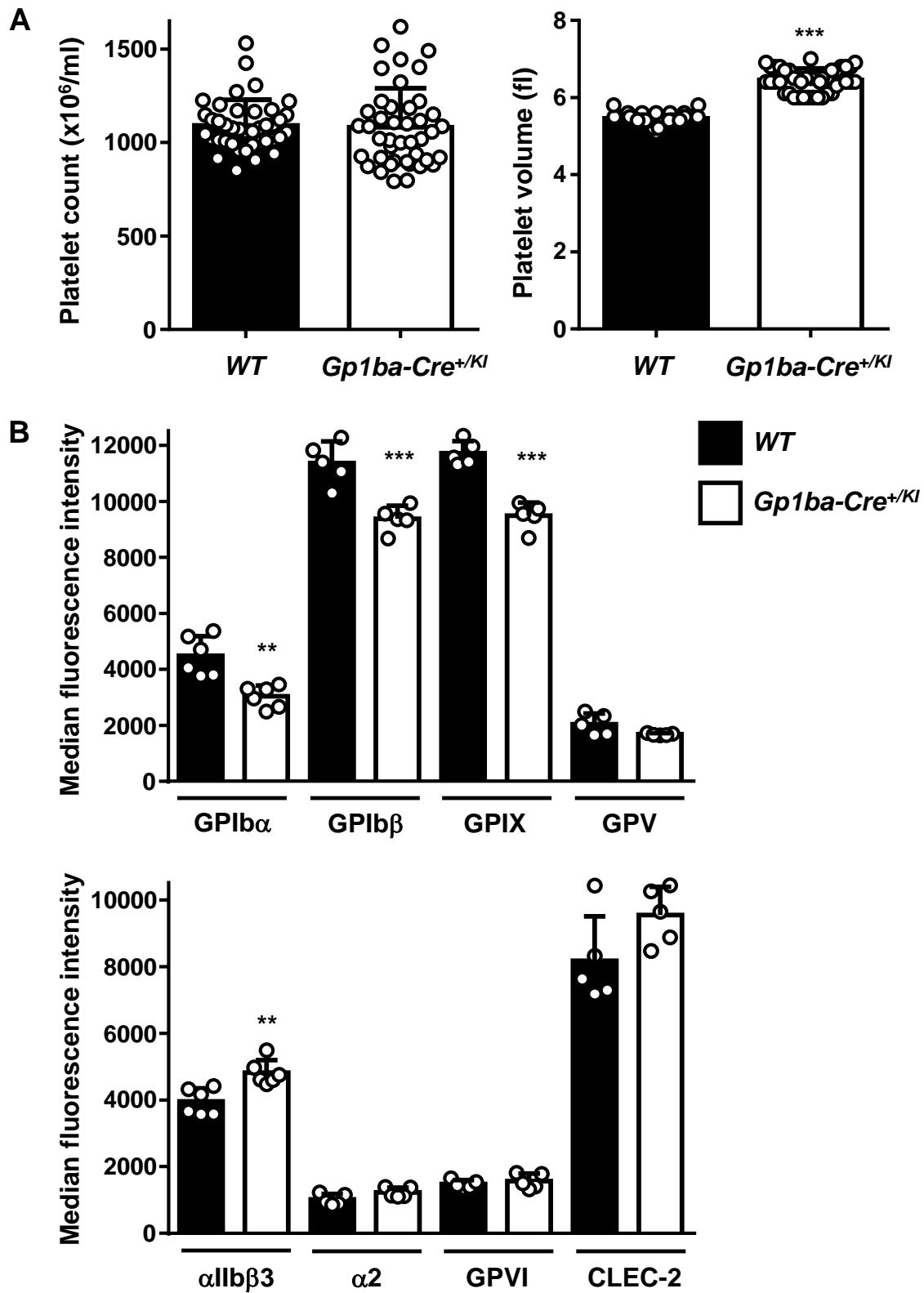
Figure 2

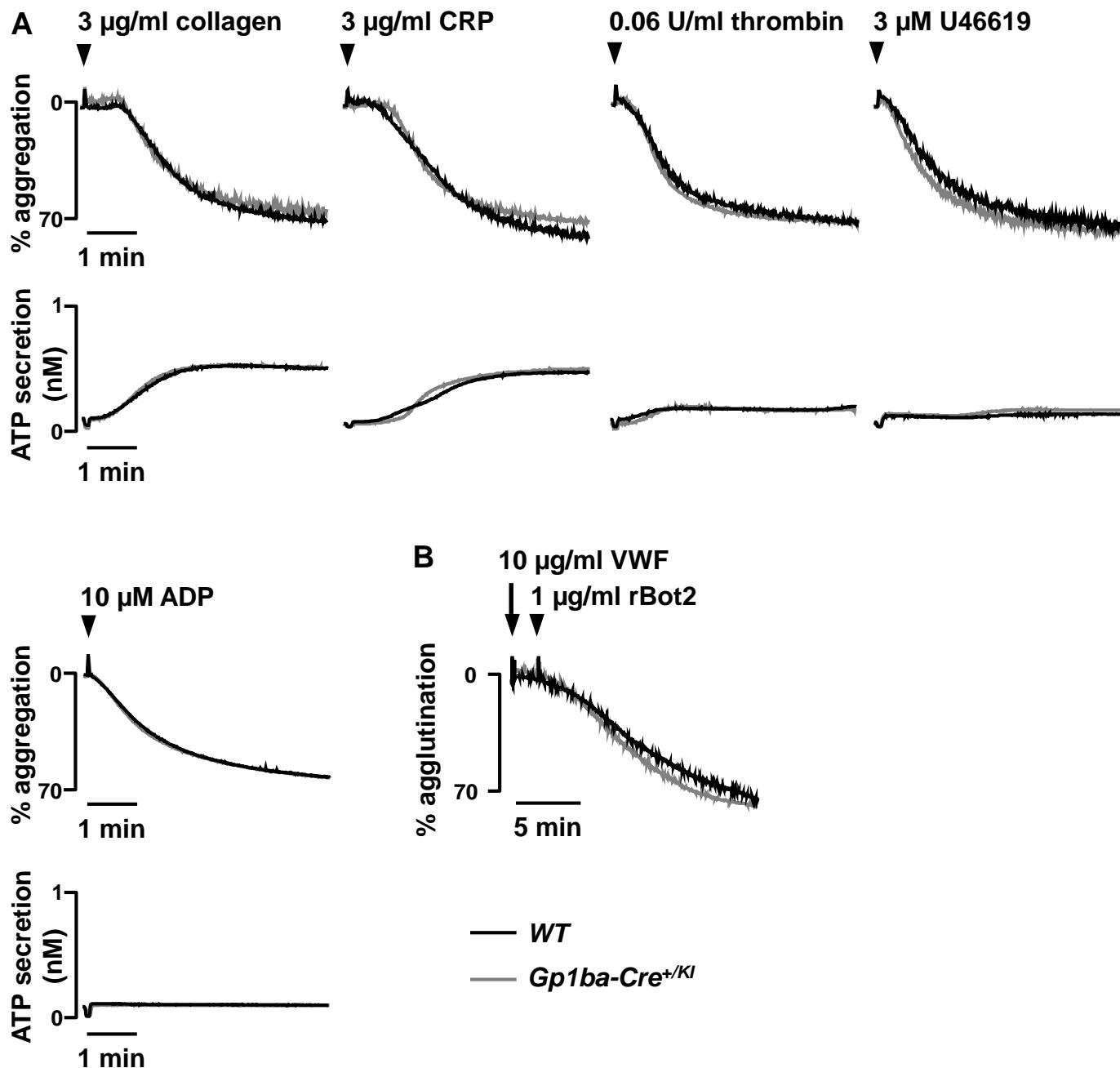
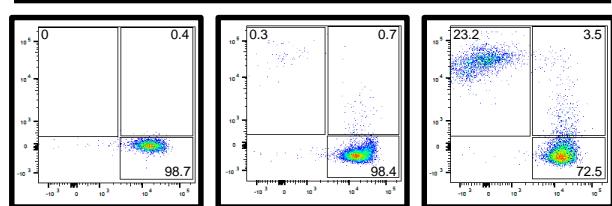
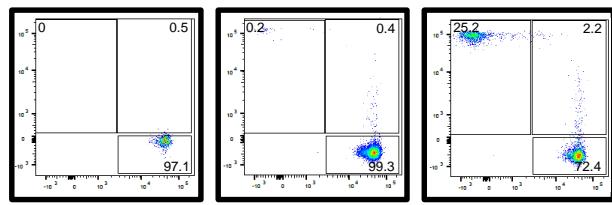
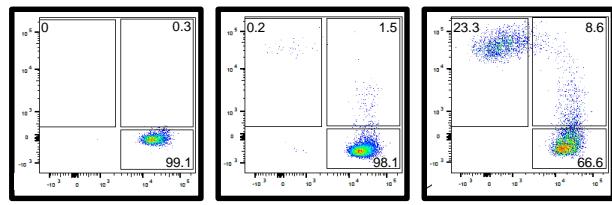
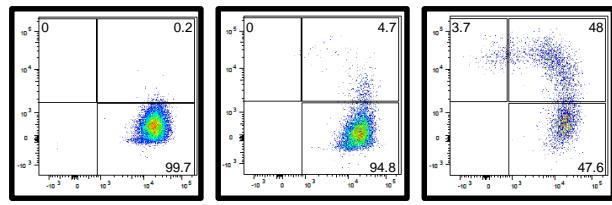
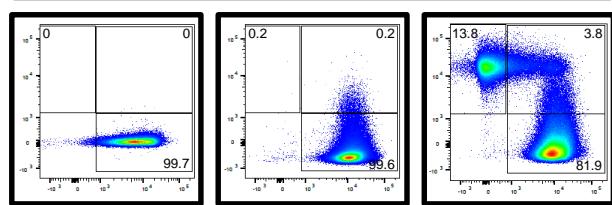
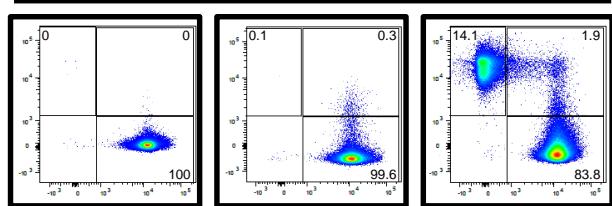
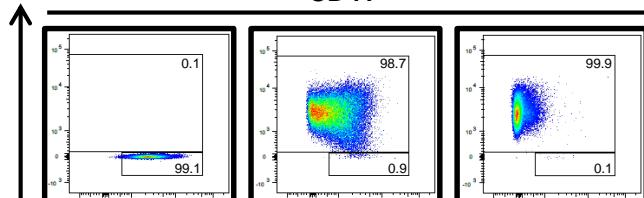
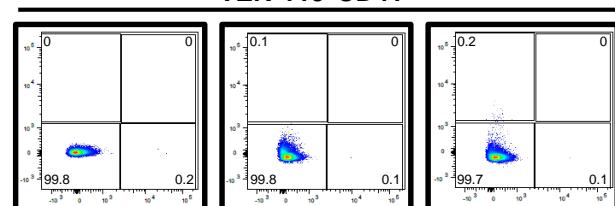
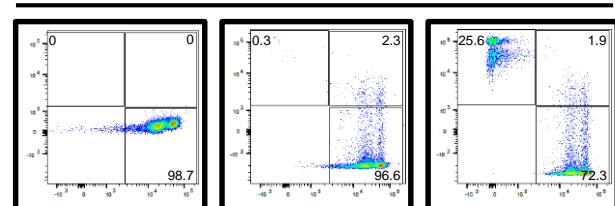
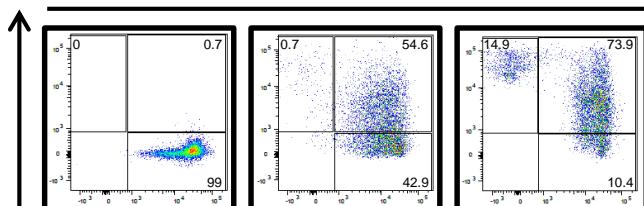
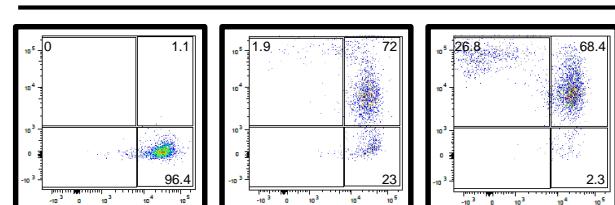
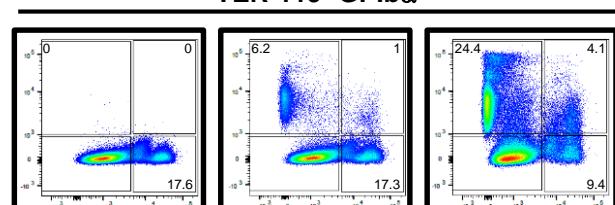
Figure 3

Figure 4*mT/mG;
Pf4-Cre***C Spleen***mT/mG;
Gp1ba-Cre*CD11b⁺Gr-1⁻CD41⁻CD11b⁺Gr1^{hi}CD41⁻CD11c^{hi}B220⁻CD41⁻F4/80⁺CD11b⁺CD41⁻B220⁺CD11c⁻CD41⁻CD3 ϵ ⁺F4/80⁻CD41⁻

tdTomato

A Peripheral blood*mT/mG;
Gp1ba-Cre**mT/mG;
Pf4-Cre*CD41⁺TER-119⁺CD41⁻CD45⁺CD41⁻

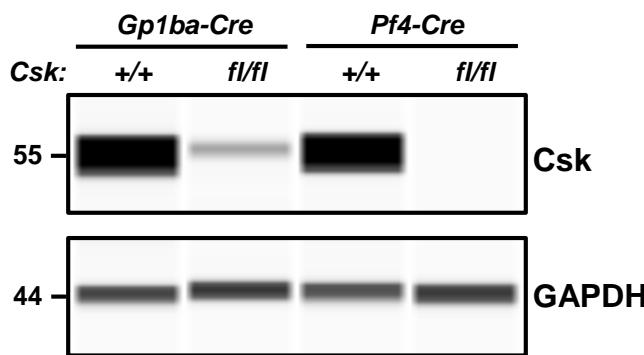
tdTomato

B Bone marrow*mT/mG;
Gp1ba-Cre**mT/mG;
Pf4-Cre*CD41^{hi}GPIba^{hi}TER-119^{hi}GPIba⁻

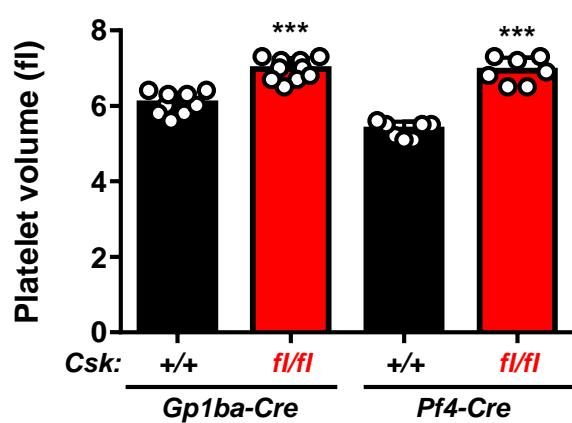
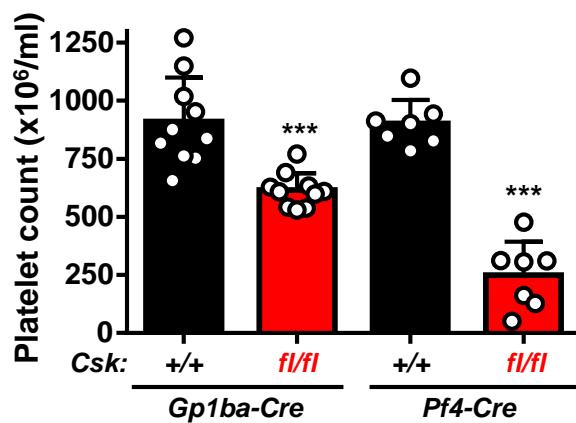
tdTomato

Figure 5

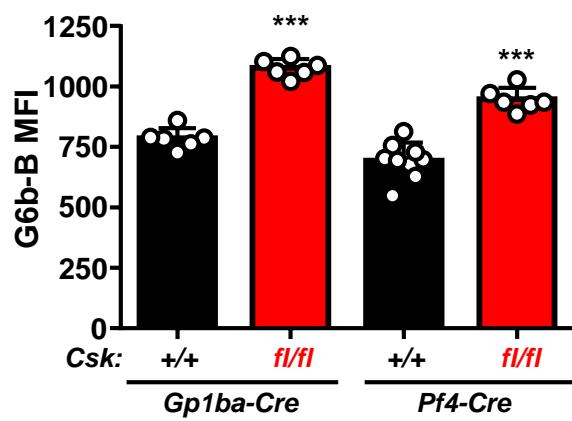
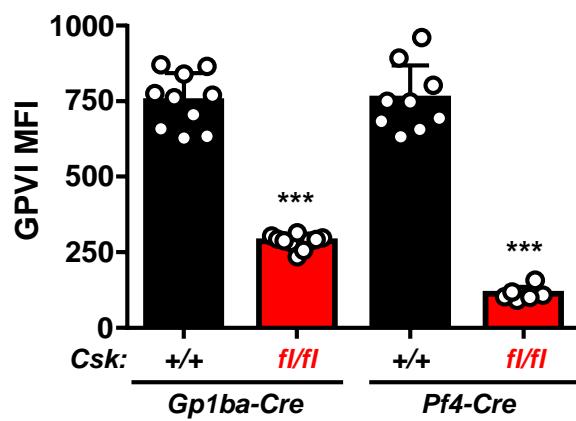
A



B



C



D

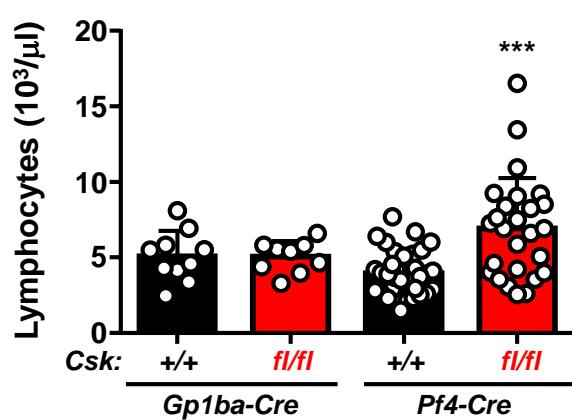
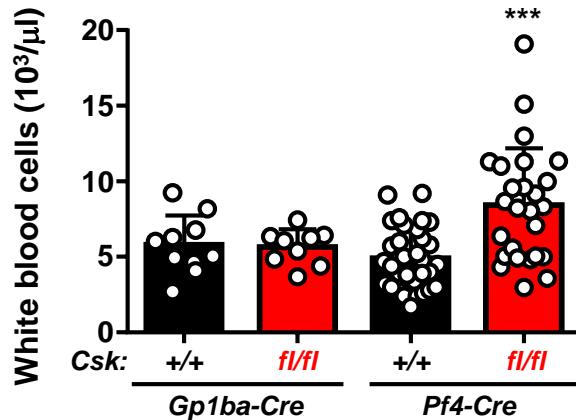


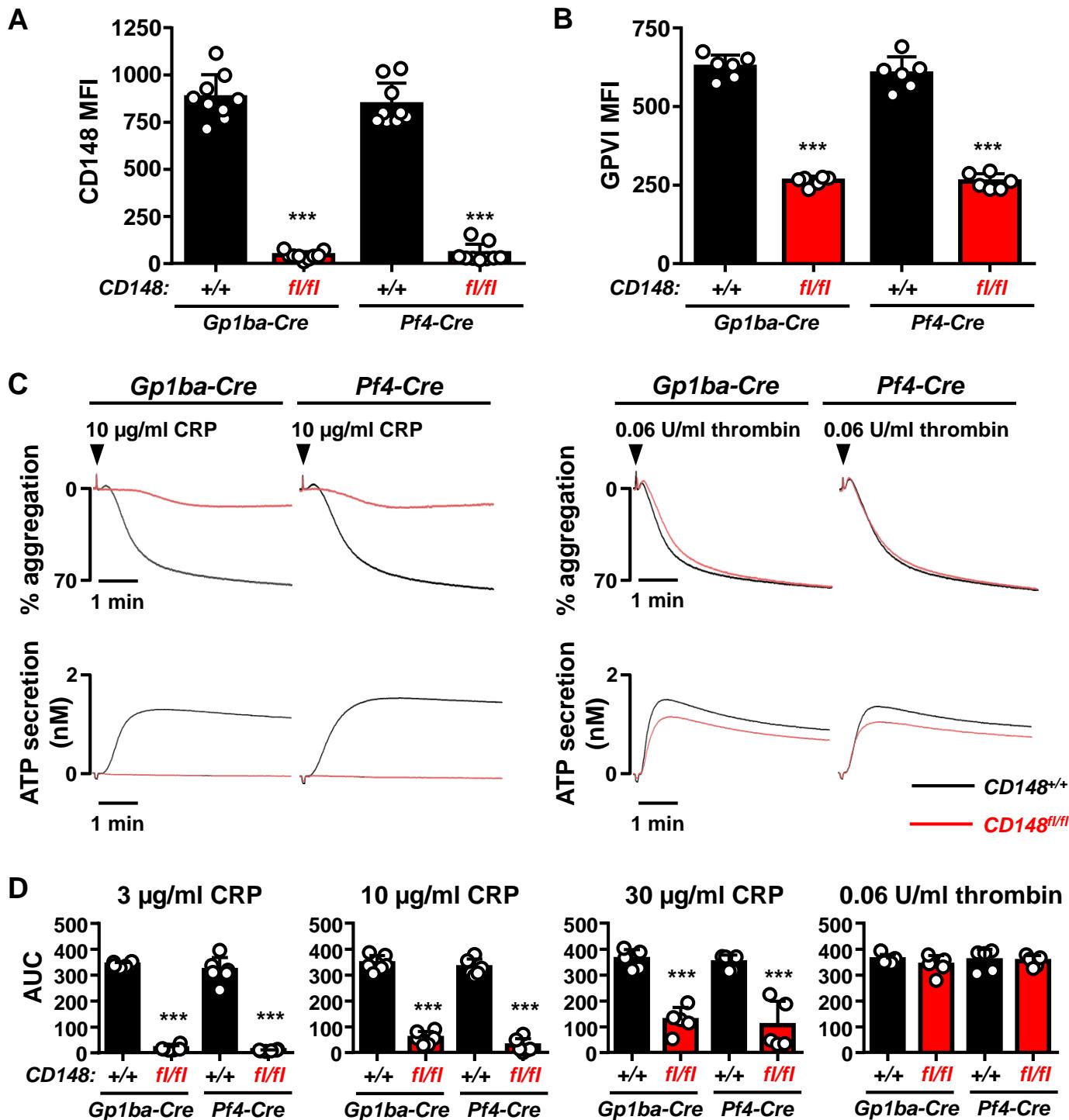
Figure 6

Figure 7

