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ADDENDUM

Addendum: Protein arginine methyltransferase 1 regulates B cell fate after positive selection in the germinal center in mice

Ludivine C. Litzler, Astrid Zahn, Kiersten L. Dionne, Adrien Sprumont, Silvana R. Ferreira, Michael R.F. Slattery, Stephen P. Methot, Anne-Marie Patenaude, Steven Hébert, Nisha Kabir, Poorani Ganesh Subramani, Seolkyoung Jung, Stéphane Richard, Claudia L. Kleinman, and Javier M. Di Noia

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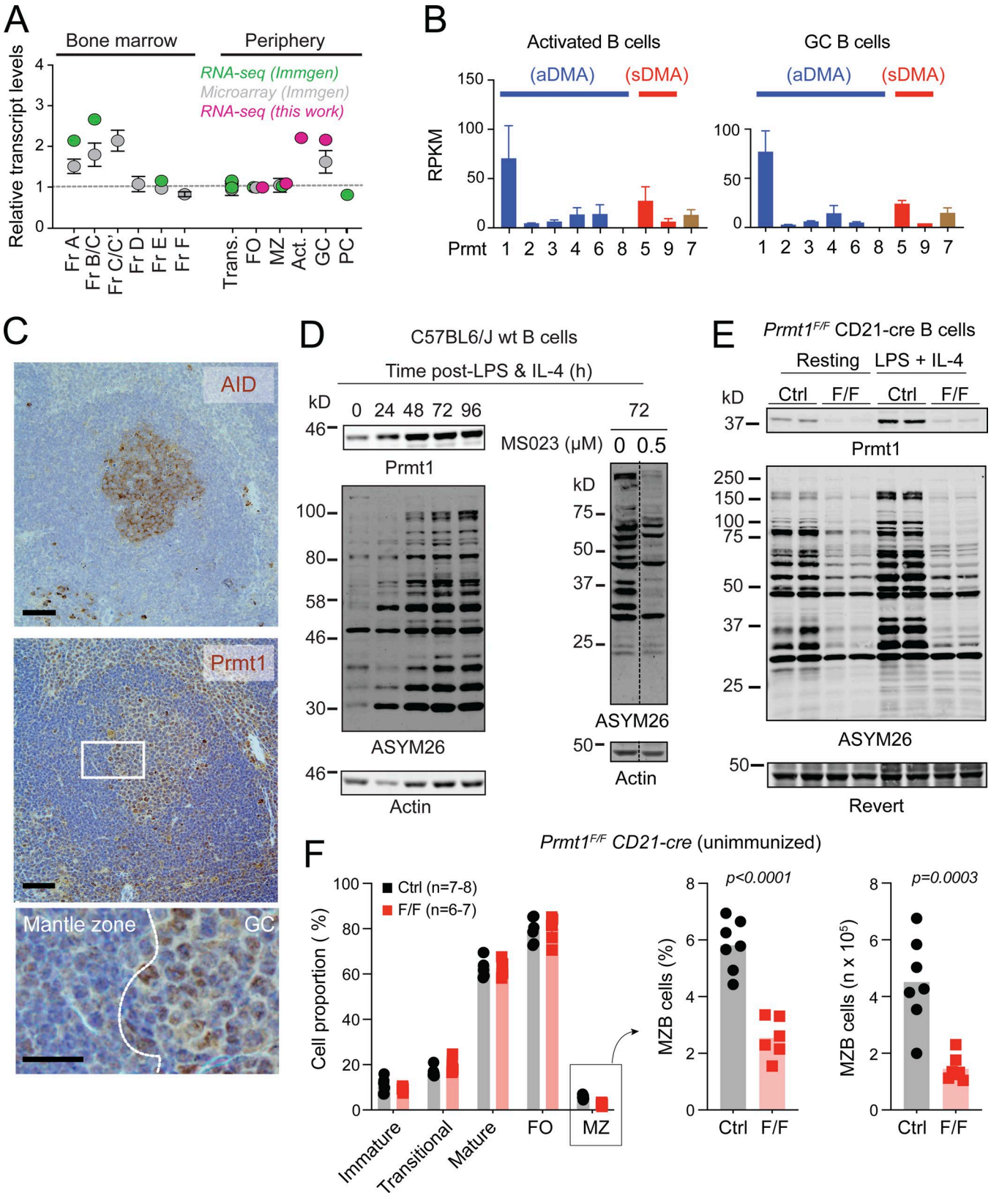
The authors wish to clarify an oversight regarding the reuse of a loading control blot in this publication. The article did not disclose that the actin blot presented in Fig. 1 D had been shown in a prior publication (Litzler et al., 2019, Fig. 1 b) because the blots in each publication are technical replicates from the same experiment involving B cell activation with LPS and IL-4. Fig. 1 from the *JEM* article is shown here for reference. This oversight does not affect the integrity of the data and the conclusions drawn from these experiments. The authors regret the error.

Reference

Litzler, L.C., A. Zahn, A.P. Meli, S. Hébert, A.M. Patenaude, S.P. Methot, A. Sprumont, T. Bois, D. Kitamura, S. Costantino, et al. 2019. PRMT5 is essential for B cell development and germinal center dynamics. *Nat. Commun.* 10:22. https://doi.org/10.1038/s41467-018-07884-6



https://doi.org/10.1084/jem.20220381111032025a

Figure 1. **Prmt1 expression in activated and GCBC. (A)** Prmt1 transcript levels in three mouse B cell datasets, each normalized to follicular (FO) B cells. Fr, Hardy's fractions of B cell development; Trans, transitional; MZ, marginal zone; Act., ex vivo-activated mouse splenic B cells (50 µg/ml LPS + 2.5 ng/ml IL-4, 72 h). **(B)** PRMT transcript levels in activated (as in A) and in GCBC sorted from lymph nodes of immunized mice. Average + SEM RPKM from two biological replicates. **(C)** Immunohistochemistry for Prmt1, and AID as GC marker, on consecutive spleen sections from immunized mice. Representative of two mice/genotype independently analyzed. Scale bars, 100 µm (top, middle) and 20 µm (bottom). **(D)** Western blot of PRMT1, aDMA-modified proteins (ASYM26), and actin in extracts of resting and stimulated splenic B cells. MS023 = inhibitor of type I PRMTs. **(E)** Prmt1 and aDMA-proteins in extracts of resting or activated splenic B cells from two CD21-cre (Ctrl) and two *Prmt1*$^{F/F}$ CD21-cre (F/F) mice. Revert protein stain as the loading control. **(F)** Proportion of splenic B cell subpopulations in individual *Prmt1*$^{F/F}$*CD21-cre* (F/F) and *CD21-cre* (Ctrl) mice (symbols) from three independent experiments, with bars indicating means. MZB cell numbers are presented. P values by unpaired, two-tailed Student's t test are indicated in the figure. Source data are available for this figure: SourceData F1.