Supplementary Fig. 3. Immune responses of Th2, Th17, and Th1 induced by airway sensitization with ovalbumin (OVA) plus house dust mite (HDM) derived chitin are not mediated by toll-like receptor (TLR) 1, TLR 4, or TLR 6. For all panels, TLR-deficient mice and wild-type mice (C57BL/6 background) were sensitized with 75 μg of OVA, or 75 μg of OVA + 100 μg of HDM derived chitin, and then evaluated 12 hours after the sensitization. *P<0.05 relative to wild-type OVA group; n.s, not significant. Data are presented as the mean ± SEM (n=5 mice per group). Bars in cytokine graphs mean sensitivity limitation. (A) Bronchoalveolar lavage (BAL) cellularity after sensitization. (B) Levels of IL-1β, IL-4, IL-5, IL-10, IL-12p70, IL-13, TNF-α, and TSLP in BAL fluid after sensitization. +, sensitized; -, not sensitized.

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