



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 μ g of OVA, or 75 μ g of OVA + 100 μ g 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 \pm SEM ($n = 5$ mice per group). Bars in cytokine graphs mean sensitivity limitation. (A) Bronchoalveolar lavage (BAL) cellularity after sensitization. (B) Levels of IL-1 β , IL-4, IL-5, IL-6, IL-10, IL-12p70, IL-13, IL-23, TNF- α , and TSLP in BAL fluid after sensitization. +, sensitized; -, not sensitized.