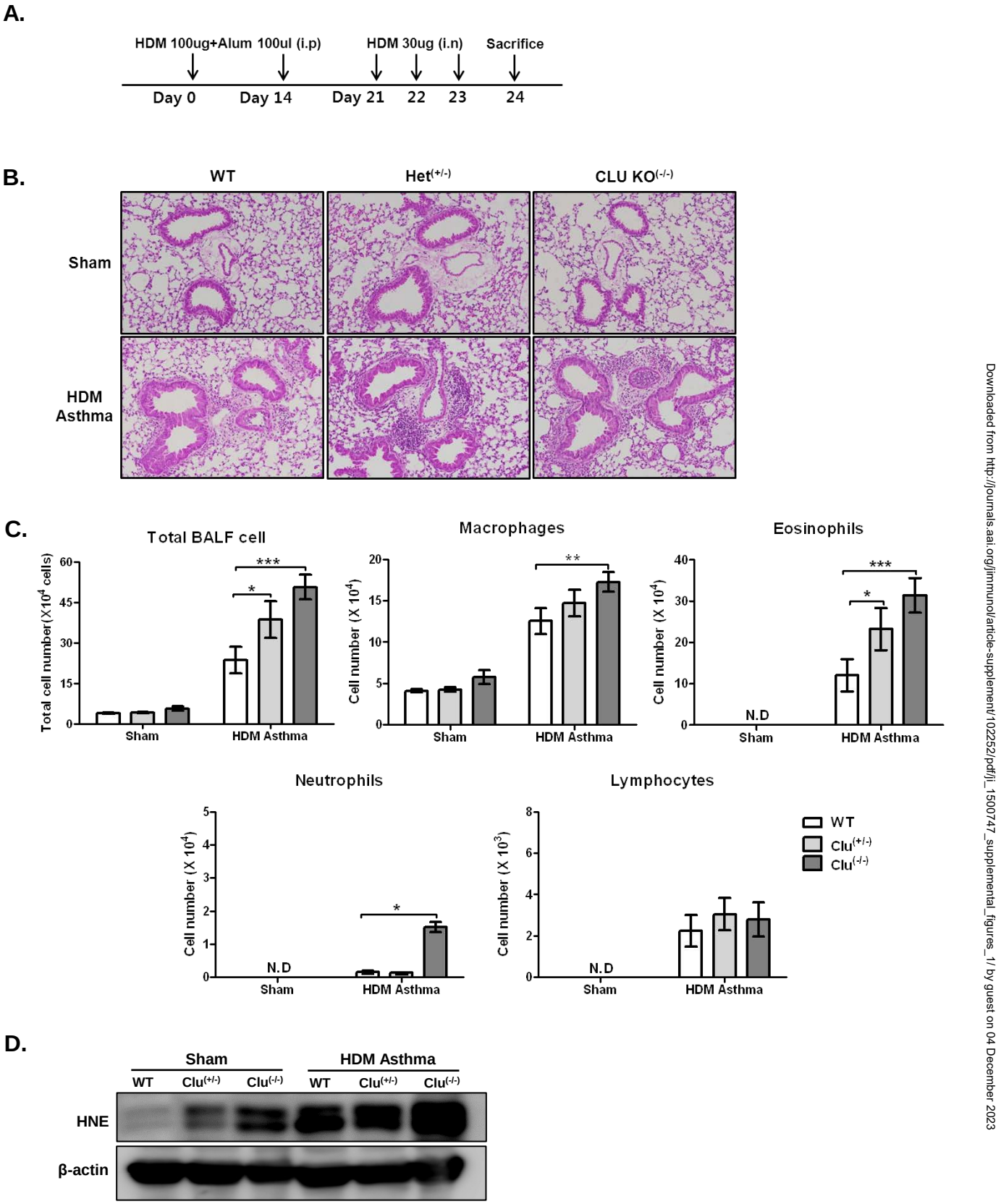
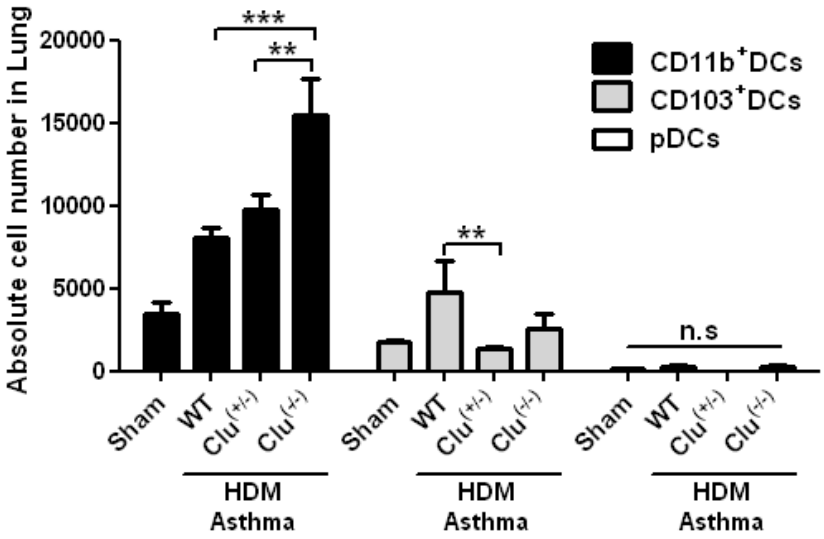
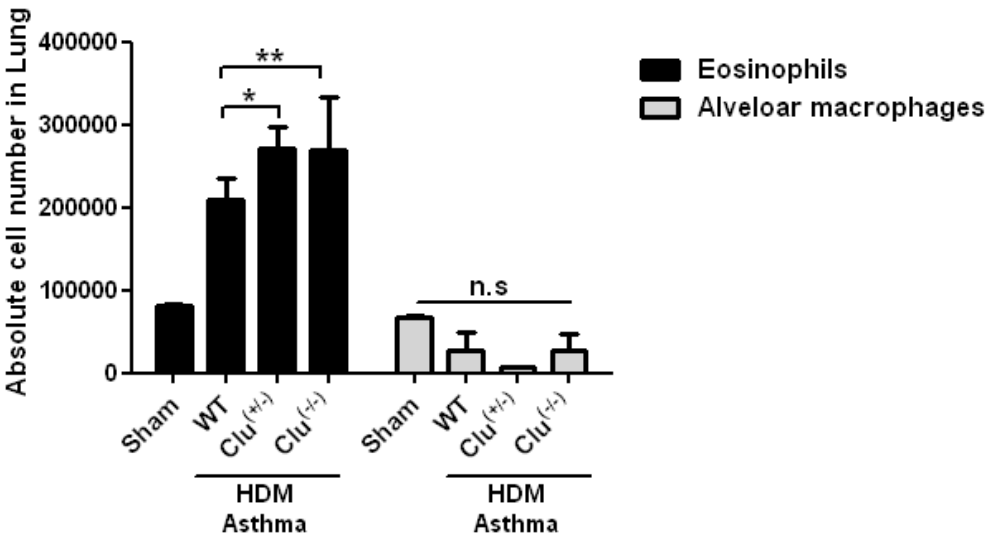


Supplemental figure 1. Clusterin deletion increases recruitment of inflammatory cells to the lung in HDM-induced conventional asthma model. (**A**) Protocol for the HDM-induced conventional asthma model. (**B**) Histology of lung sections after H&E staining (original magnification: ×200). (**C**) Total cell number and differential cell analysis of BALF in each group. Similar results were obtained from two independent experiments. (**D**) 4-hydroxynonenal (4-HNE)-modified proteins were detected using Western blotting WT, wild-type mice; $Clu^{+/-}$, clusterin heterozygous mice; $Clu^{-/-}$, clusterin knockout mice.*$p < 0.05$, **$p < 0.001$, ***$p < 0.0001$

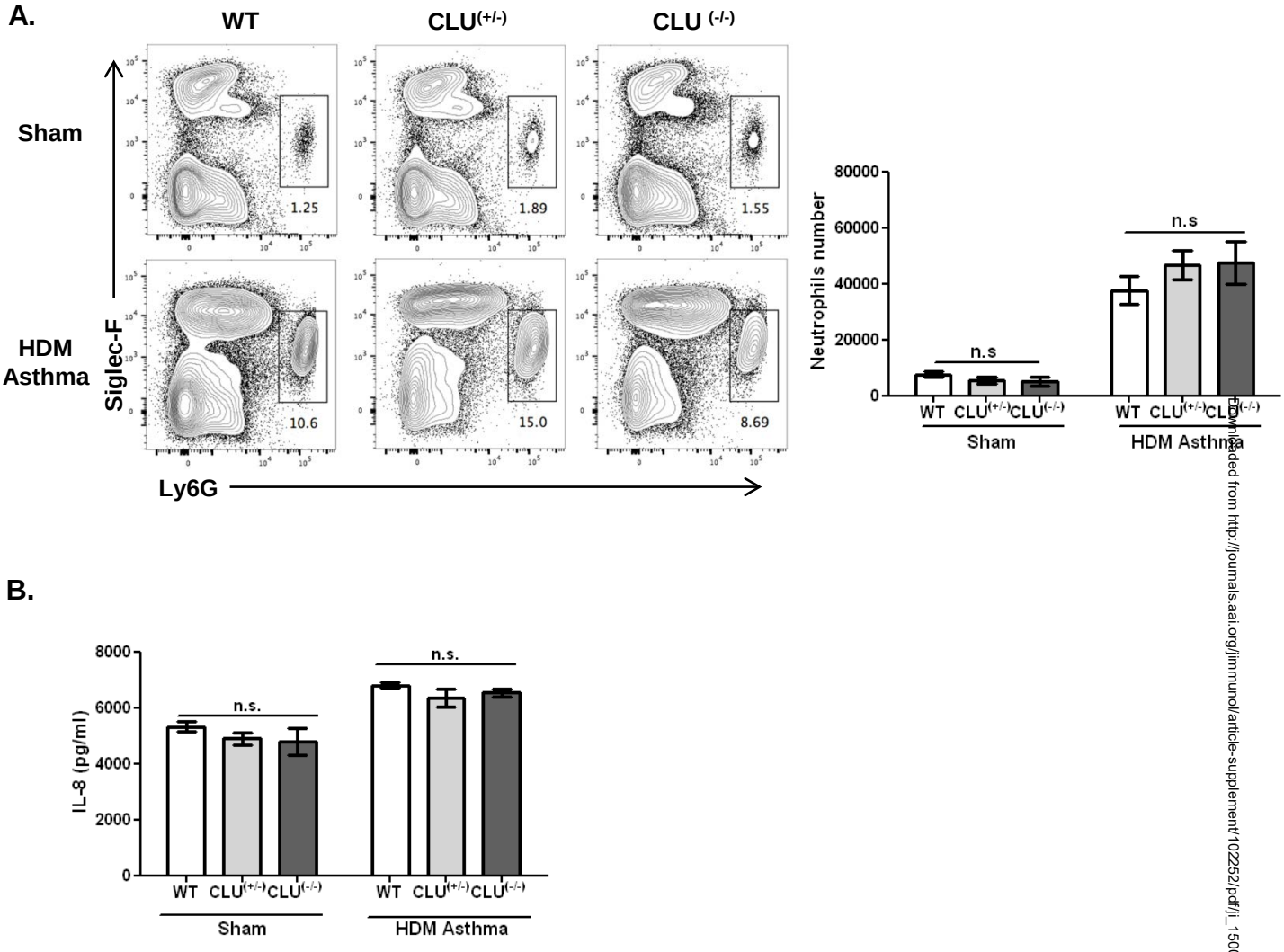
A.



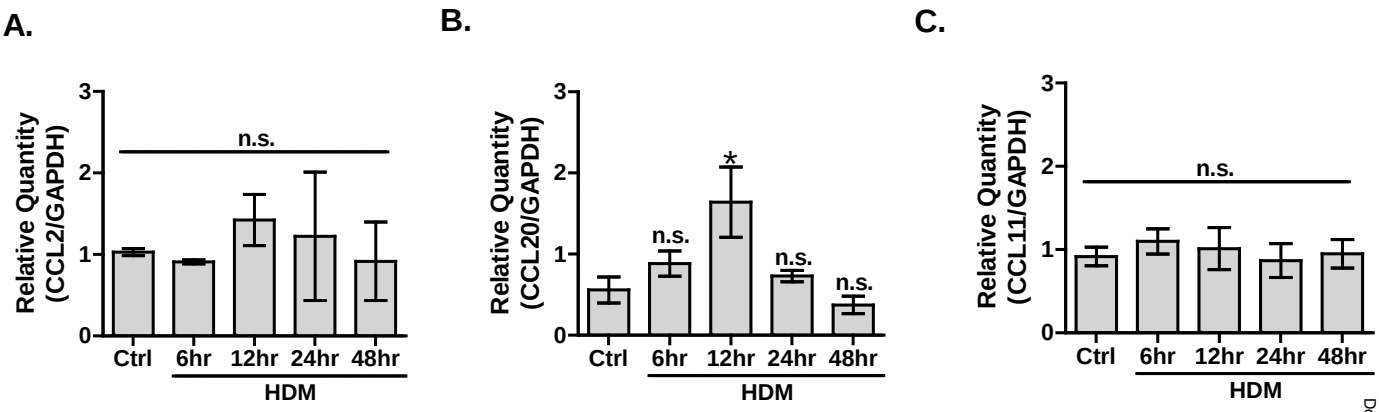
B.



Supplemental figure 2. The absolute number of inflammatory cells in the mouse lungs of repeated intranasal HDM challenge. (**A**) The absolute number of CD11b^{+} DCs, CD103^{+} DCs and pDCs. (**B**) The absolute number of eosinophils and alveolar macrophages. The absolute cell number was calculated by multiplying the flow cytometric frequency of the cell population by the total number of cells obtained from the lung. Similar results were obtained from three independent experiments. n ≥ 8 for each group. WT, wild-type mice; Clu$^{+/-}$, clusterin heterozygous mice; Clu$^{-/-}$, clusterin knockout mice.*$p < 0.05$, **$p < 0.001$, ***$p < 0.0001$



Supplemental figure 3. . Clusterin deletion does not affect the recruitment of neutrophils to the lung. (**A**) Dot blot and the absolute cell number showing neutrophils in the mouse lungs of repeated intranasal HDM challenge. (**B**) IL-8 levels in BALF. Similar results were obtained from three independent experiments. n ≥ 8 for every group. n.s., not significant.



Supplemental figure 4. Chemokine levels in HDM-treated BEAS-2B. Time course of CCL2 (**A**), CCL20 (**B**), CCL11 (**C**) mRNA expressions from HDM-exposed BEAS-2B were determined by RT-PCR. *$p < 0.05$ versus control. n.s., not significant.