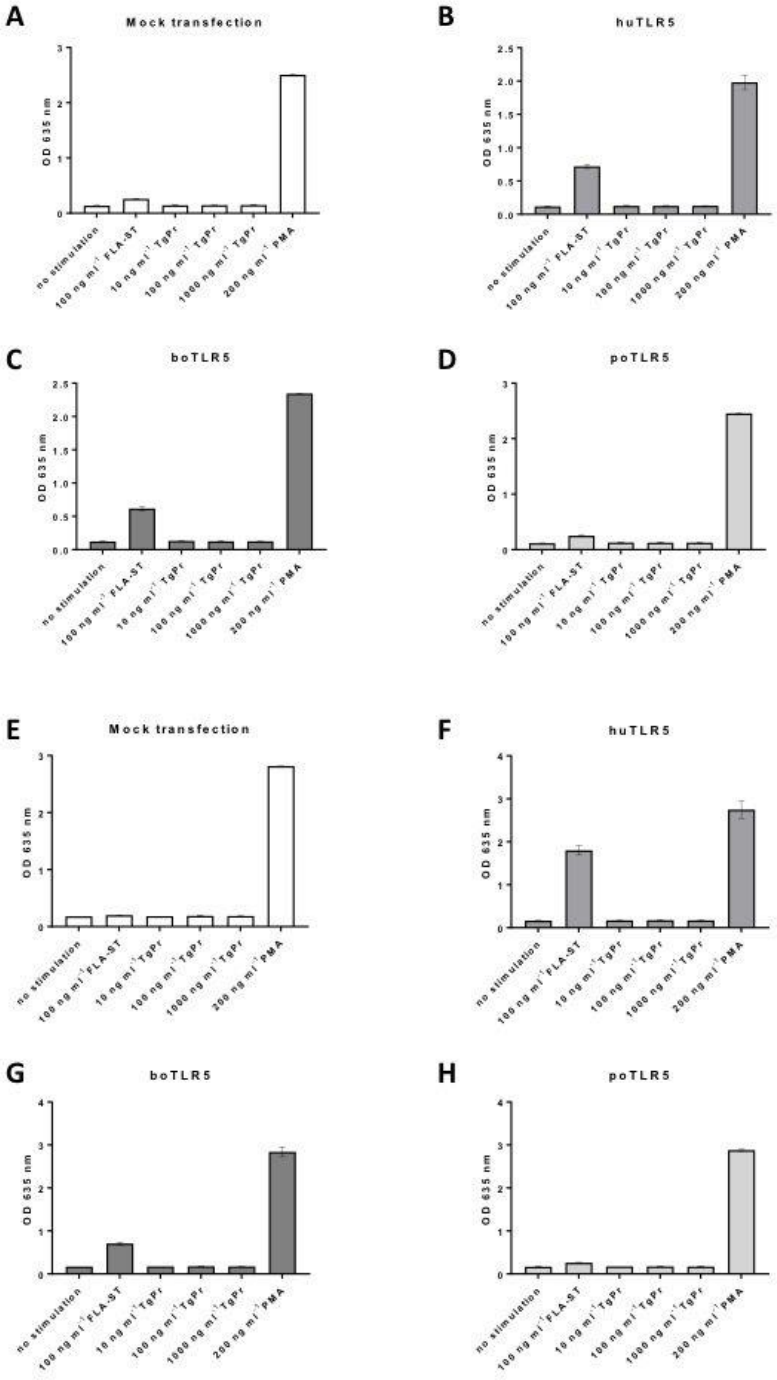
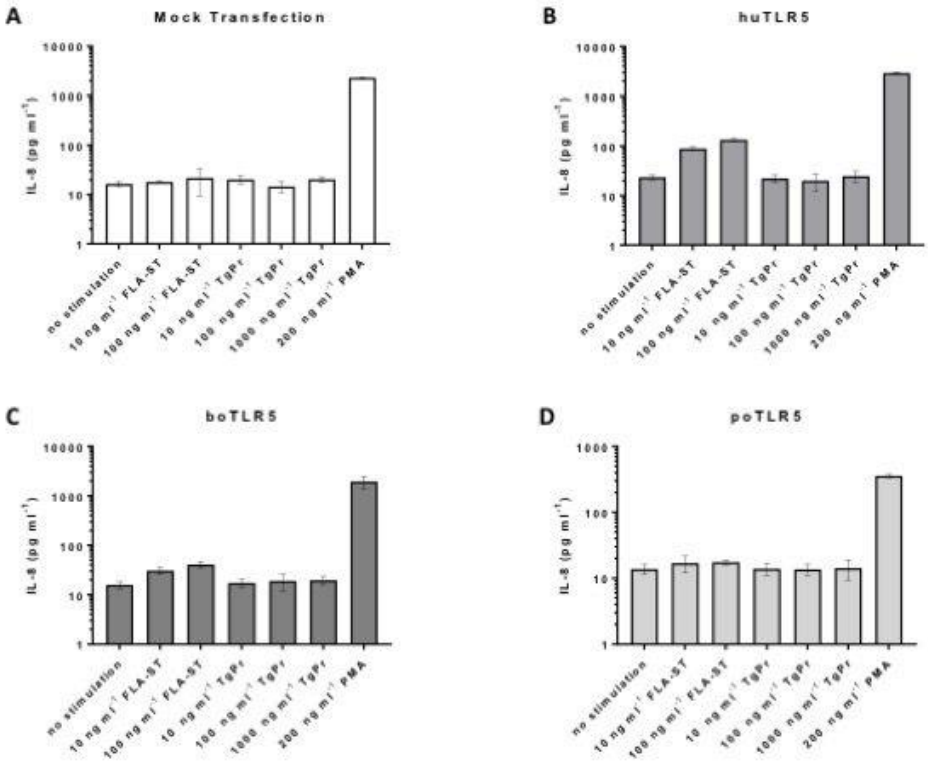
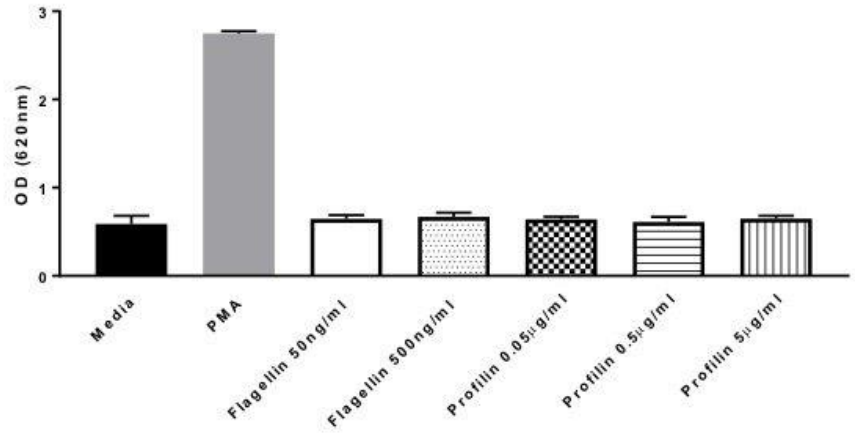


Supplementary Figure 1. SEAP assay results after transfectant selection. SEAP reporter cells transfected with species-specific TLR5 genes were cultured in media with selection antibiotic. SEAP assays were repeated after 1 wk (A–D) and 2 wk (E–H) of culture. Transfectants were assayed with 100 ng ml^{-1} FLA-ST, 10 ng ml^{-1}, 100 ng ml^{-1} or 1000 ng ml^{-1} TgPr, media only control and PMA. SEAP activity was measured by the colour change resulting from alkaline phosphatase substrate conversion at 635 nm wavelength in duplicates (mean ± SD).



Supplementary Figure 2. Results of IL-8 measurement from SEAP assay supernatants. Culture supernatants from mock transfected (A) SEAP reporter cells or from cells transfected with hu(B), bo (C) and po (D) TLR5 were assayed for IL-8 concentrations after stimulation with 10 ng ml^{-1} or 100 ng ml^{-1} FLA-ST, 10 ng ml^{-1}, 100 ng ml^{-1} or 1000 ng ml^{-1} TgPr and controls (media only for negative, PMA for positive control) (mean ± SD).



Supplementary Figure 3. SEAP assay results from a commercially available HEK293 cell line stably expressing a SEAP reporter and mouse TLR11. Cells were assayed with 50 and 100 ng ml^{-1} FliC, 0.05, 0.5 and 5 µg ml^{-1} TgPr, media only (negative control) and PMA (positive control). SEAP activity was measured by a colour change resulting from alkaline phosphate substrate conversion at wavelength 620 nm in duplicates (mean ± SD).