

Additional File 11. Genes uniquely altered by IMQ in MOLF males. (A) Genes uniquely increased by IMQ in MOLF males. (B) Genes uniquely decreased by IMQ in MOLF males. (C, D) RT-PCR analysis of (C) *Il1f5* and (D) *Krt1* expression ($n \geq 4$ per strain/sex/treatment group; $n = 38$ mice total). Groups without the same letter differ significantly ($P < 0.05$, Tukey honest significant difference; Error bars: standard error of the mean; p-values: strain-by-treatment interaction effect). *Rn18s* was used as an endogenous control to estimate relative gene expression. (E) GO BP terms enriched among genes uniquely increased by IMQ in MOLF males (right margin: exemplar IMQ-increased genes). (F) GO BP terms enriched among genes uniquely decreased by IMQ in MOLF males (right margin: exemplar IMQ-decreased genes).

