Supplemental Figure 3.

WT PCR Product

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WT PCR product   1   GTGGTGGGCGAA-CNGACAGTGGCAGG-NCACTACTTGCTGCAGCGTTTGCACCTGCTGTGGGCAACAGGGNAGGAGCTT   78
Nod2 gene        1   GTGGTGGGCGAAGCAGGCAGTGGCAAGAGCACT-C-TTCTGCAGCGTTTGCACCTGCTGTGGGCAACAGGG-AGGAGCTT   77

WT PCR product   79  CCAGGTAGTTTCTCTTCATTTTCCCATTCAGCTGCCGACAGTTGCAATGCGTGGCCAAACCGCTGTCCCTGAGGACGCTG   158
Nod2 gene        78  CCAGG-AGTTTCTCTTCATTTTCCCATTCAGCTGCCGACAGTTGCAATGCGTGGCCAAACCGCTGTCCCTGAGGACGCTG   156

WT PCR product   159 CTCTTTGAGCACTGCTGCTGGCCTGATGTCGCTCAGGACGATGTCTTCCAGTTCCTTCTTGACCATCCTGACCGTGTCCT   238
Nod2 gene        157 CTCTTTGAGCACTGCTGCTGGCCTGATGTCGCTCAGGACGATGTCTTCCAGTTCCTTCTTGACCATCCTGACCGTGTCCT   236

WT PCR product   239 GTTAACCTTTGATGGCTTGGACGAGTTCAAGTTCCGGTTCACCGACCGGGAGCGCCACTGCTCTCCAATTGACCCCACGT   318
Nod2 gene        237 GTTAACCTTTGATGGCTTGGACGAGTTCAAGTTCCGGTTCACCGACCGGGAGCGCCACTGCTCTCCAATTGACCCCACGT   316

WT PCR product   319 CAGTCCAGACTCTGCTCTTCAACCTTCTCC   348
Nod2 gene        317 CAGTCCAGACTCTGCTCTTCAACCTTCTCC   346
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Nod2$^{-/-}$ PCR Product

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Nod2-/- PCR product   1   GGNGCT-TACTGACT-GGTGGCATGCACACCATCCTTGTTTAACCATATCAAAGTTCCCGGCTGTATTCCTGCTTTGCAG   78
Nod2 gene             1   GATGCTATACTGACTAGGTGGCATGCACACCATCCTTGTTTAACCATATCAAAGTTCCCGGCTATATTCCTGCTTTGCAG   80

Nod2-/- PCR product   79  GGGAAGAACCAGGTTTAGGAAGCCCCTGGGTCCTGTCCCCCAAACCCTCAGCTTAGAGGTGAATAAGGCAGGACAGATGC   158
Nod2 gene             81  GGGAAGAACCAGGTTTAGGAAGCCCCTGGGTCCTGTCCCCCAAACCCTCAGCTTAGAGGTGAATAAGGCAGGACAGATGC   160

Nod2-/- PCR product   159 CCACTAGGACAGATGCCTACTAGCCCTTCCACACATTGCATTCCCCATGCAGGCTACTCTCTGTGTAGGTCCCGCTGTGA   238
Nod2 gene             161 CCACTAGGACAGATGCCTACTAGCCCTTCCACACATTGCATTCCCCATGCAGGCTACTCTCTGTGTAGGTCCCGCTGTGA   240

                                                                                  loxP site
Nod2-/- PCR product   239 CCGTGGCTTCACCCTCATTTGCCTCTTGTCGAG-GTGGCGGCCG---GCCGCAAGCTTTTAACTTCGTATAGCATACATT   314
Nod2 gene             241 CCGTGGCTTCACCCTCATTTGCCTCTTCTGTATCCTAGCTGCTGAGTGTCAGAAGTTCATATCTAAGCTGAGGAC-CATG   314

                                                                                                  tk
                                                loxP site
Nod2-/- PCR product   315 ATACGAAGTTA-TGTCGACTCTAGATAACTTCGTATAG----CATA--CATTAT-ACGAAGTTATAGCTTCTGATGGAA-   385
Nod2 gene             320 GTGTTGACTCAGTCTCGCTTCCTCAGTACTTACGATGGGTCGGAGAATCTTTGCCTGGAGGATATATACACGGAGAACAT   399

Nod2-/- PCR product   386 -TTAGAACTTGGCAAAACAATACTGAGAAT-GAAGTGTATGTGGAACAGAGG-CTGCTGATCTCGTTCTTCAGGCTATGA   462
Nod2 gene             400 CTTGGAGCT--GCAG-ACTGAAGTGGGCACAGCCGGGGCCTTGCAGAAGAGCCCTGCCATCCTGGGCCTGGAGGACCTC-   475

Nod2-/- PCR product   463 AACTGACACATTTGGAAACCACAGTACTTA---GAACCACAAAGTGGGAATCAAGAGAAAAACAAT-GATCCCACGAGAG   538
Nod2 gene             476 -TTTGATACCCATGGTCACCTGAACAGAGATGCCGACACCATACTGGTGGT---GGGCGAAGCAGGCAGTGGCAAGAGCA   551

Nod2-/- PCR product   539 ATCTA-TAGATCTATAGATCATGAGTGGGAGGAATGAGCTGGCCCTTAATTTGGTTTTGCTTGTTTAAATTATGATATCC   617
Nod2 gene             552 CTCTTCTGCAGCGTTTGCACCTG-CTGTGGGCAACAGGGAGGAGCTTCCAGGAGTTTCTC-----TTCATTTTCCCATTC   625

Nod2-/- PCR product   618 AACTATGAAACATTATCATAAAGCAATAGTAAAGAGCCTTCAGTAAAGA-GCAGGCATTTATCTAATCCCACCCCACCCC   696
Nod2 gene             626 AGCTGCCG-ACAGTT--GCAATGCGTGGCCAAACCGCTGTCCCTGAGGACGCTGCTCTTTGAGCACTGCTGC-TGGCCTG   701

Nod2-/- PCR product   697 CACCCCCGTAGCTCCAATCCTTCCATTCAAAATGTAGGTACTCTGTTCTCACCCTTCTTAACAAAGTATGACAGGAAAAA   776
Nod2 gene             702 ATGTCGCTCAGGACGATGTCTTCCAGTTCCTTCTTCACCATCCTGACCGTGTCCT-GTTAACCTTTGATGGCTTGGACGA   780
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