> Plasmid sequence from Addgene LAMP1-mGFP #34831

**Replaced LAMP1 w/**

**TLR3_gadmor3_NEAC_03:18999427-19006254_rev**

**START CODON**, **TLR3,** **REPLACED STOP-SIGNAL**, **LINKER**, **GFP**

CATGTTCTTTCCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCATGCATTAGTTATTAATAGTAATCAA
TTACGGGGTCATTAGTTCATAGCCCATATATGGAGTTCCGCGTTACATAACTTACGGTAAATGGCCCGCCTGGCTG
ACCGCCCAACGACCCCCGCCCATTGACGTCAATAATGACGTATGTTCCCATAGTAACGCCAATAGGGACTTTCCATT
GACGTCAATGGGTGGAGTATTTACGGTAAACTGCCCACTTGGCAGTACATCAAGTGTATCATATGCCAAGTACGCC
CCCTATTGACGTCAATGACGGTAAATGGCCCGCCTGGCATTATGCCCAGTACATGACCTTATGGGACTTTCCTACTT
GGCAGTACATCTACGTATTAGTCATCGCTATTACCATGGTGATGCGGTTTTGGCAGTACATCAATGGGCGTGGATA
GCGGTTTGACTCACGGGGATTTCCAAGTCTCCACCCCATTGACGTCAATGGGAGTTTGTTTTGGCACCAAAATCAA
CGGGACTTTCCAAAATGTCGTAACAACTCCGCCCCATTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTC
TATATAAGCAGAGCTGGTTTAGTGAACCGTCAGATCCGCTAGCGCTACCGGACTCAGATCTCGAGCTCAAGCTTCG
AATTCAGGGAC<mark>ATG</mark>CCTCTCCCACACGGGGCAAACCGTCTCCTCTGCTGGCTCGCCCTCTTCGCTCACCTCACCGCC
GCCAACCACGGCCGGACGGCCTCGGAACCAAAGAAGACTGCCTGCGTCGTGCGGGGCGCCTCGGCCGACTGCAG
CCACATGAACCTGAACGTGATCCCCCAGGACCTTCCCCAGGACATCACGCGCCTGGACGTGTCCCACAACAGACTG
ACCGGCCTACCCGGCGCCAACCTGTCCCGGTACGCCGGGCTCCTCGACCTGGATGTCACCTTCAACAGCCTCACCA
AGCTGGACCCCAGCCTGTGTCAGACGCTGTCGCGGCTGCGCACGCTGAACCTGGAGCGCAACGAAGTGCACGTG
CTGCGGGATCAGGACCTGAGCGGCTGCGTCCAGCTCACCGTGTTGAACATGGCGAGCAACAGGCTGGCGTTTAA
GGCCAAATGGCCTGACCCGTTTGCCGCCCTCCAGAACCTGACAACTCTCGATGTATCCAACAACATGCTTTTGACG
GCCAAGCTGGGATCTAAACCCCAGCTCCCTCGTCTCGTGGCACTGACATTGTCACATAATGCGATTTCTACCCTGAA
GAAAGAGGACTTCTACTTCCTCAGTCGCTCACCGTCACTGTTTGTCCTTAACCTGTCATATCTGCCTCTTAAAAAGTT
TGAGGATGGATGCTTCCAACAAATTGCCAATATTTCTTTTTTGAAAATGGATGGCTGCAATTTGGCATCTCAGATCA
CTAAACTTTGCACAGAGCTATCAGACACAGCTATTCACACCCTGTCTCTTCAAGATGCAACTCTTCTCAAACTCACCA
ACATAACATTTAAAGGCCTACATAAAACGAATCTGACTATTTTGGATCTTTCAAGTAATAAAATGTCTGCAATTGAA
AAAGGAGCATTCCAATGGCTGCCAACACTAAAAACTCTCCATTTGGAAAGAAATAACTTCAAGCACCTGACCAAGG
ATACCTTCGTGGGGCTCGAAAATTTGAAAGAACTCAACTTAAGACAGGCTTTGGTGAAAAGTCAAACATCCTCCAC
ATCAATCATTGACGATTACACCTTTAGCCCATTGGTTGCACTGGAGACCCTAATACTGGAGCACACCGCGATTCGCT
CAATCACAGAAAACACATTCACAGGTTTGACAAGTCTTCAGTACTTTTACATTGGCTGGTCCAGTTGCACATCCCTC
AAGTCCCTCACCGAAAAGACCTTTGTGTCACTCGCAGCATCCCCACTCAGGTTGGTTAACCTGACGGCCACTGCCA
TCACTAGCATCGGCAACGGCTCCTTCTCTGCCTTTCCAAATCTCACCACTCTTTTGTTGGACTTTAATTTCATCAGCC
AAACTCTCCAAGGGGCAGAGTTTGAAGGGTTGGGTCAGCTTGAACAACTCTTCTTCTCCAACAACCGCCAGAAGG
TTGAACTGAGGTCCTTATCTTTTGTCCAGCTTCCTAAGCTGAGTCTTCTGACACTGGGCAGAACCTTGACCGGCAGC
TTGGACCTGGTTCCATCTCCGTTTGCTCCCCTGAAGAATCTCAAAGTTCTTGACCTCAGCAACAACAACATTGCCAA
CATCAATGCGCGCATGCTAGAGGGTCTTGAGAACCTAATGGTACTCAAGATGCAGCACAATAACTTGGCGCGTGT
GTGGAAAAGTGCCAATGTCGGGGGGCCGGTGTTATTCCTCAAAGACCTCGGGAACCTAACTGTCCTAAACATGGA
GTACAATGGATTGGATGAGATCCCTACGGATGCACTCACAGGGTTAAAGAAGCTTAAAGAGATGAGGTTCACAGG
CAACCTCCTTAACAACCTCAAGGACTCGGTCTTCGAGGACTTGCTATCGTTGCAGACGTTGAGTATCCAGAAAAAT
CTGATTACATCTGTGAGGCCCCAGGTGTTCAAACCAGCCATGGAGAACCTCACTCTGCTGGACATGGGCAGGAAC
CCATTTGACTGCACCTGCGAGAGCATCCTGTGGTTCGTGACATGGTTGAACACGACAAAGGCCAGCTTGACGGGA
GGCAAGGACCAGTTCACGTGCAACACCCCGCTCGCCTACTTCAACCGCTCGGTCATGGACTTTGACTTGCTGTCCT
GCAAAGACTCCACTCCATTCCAGGCACTGTACATACTCAGCAGCACCATTGTCATCGCATTGATGTTAGGCGCACTT

TTGGTTCGCTTTCAAGGTTGGAGGATTCAGTTCTATTGGAATGTCCTGATCAACCGCACGTTGGGTTTCAGCGATG
CCAAAGTCGAGGAAGGAAGGGAGTTTGAATTCGACGCGTATGTGATACACGCTGATGAAGACCAGAAATGGGTG
GAGCGTAGTTTACTTCCTCTGGAAACGGACAGATATGTGTTTTGCATGGAGGGTCGTGATTTTCTGCCCGGCACAT
CCCGCATTGAAGCCATTGTGGATAACATGAGAAGATCACGAAAGTATTTGTTTGTTGTCACGGAGAGTCTCCTCAA
TGATCATTGGTGTAGAAGATTCAAGGCCCACCACGCTCTTCACCGGGTGATGGAGGAGAGGCGGGACGCTGTGA
TCCTGGTCTTTCTGCAGGACATCAATGACTACAGGCTTTCCCGCTCCCTGTTCCTGCGCAGGGGCATGCTGCAGCTG
CGCTGCCTCCTCAACTGGCCTGTCCACAAGGAGAGGATCCCGGCCTTCCACGAGAAGCTGCATATCGCACTGGGG
ACGACCAACACGCCGAAGCCCGGCTCCACCGGCTCCACAGGCTCCACCGGCGCGGTCGACGGTACCGCGGGCCC
GGGATCCATCGCCACCATGGTGAGCAAGGGCGAGGAGCTGTTCACCGGGGTGGTGCCCATCCTGGTCGAGCTGG
ACGGCGACGTAAACGGCCACAAGTTCAGCGTGTCCGGCGAGGGCGAGGGCGATGCCACCTACGGCAAGCTGACC
CTGAAGTTCATCTGCACCACCGGCAAGCTGCCCGTGCCCTGGCCCACCCTCGTGACCACCCTGACCTACGGCGTGC
AGTGCTTCAGCCGCTACCCCGACCACATGAAGCAGCACGACTTCTTCAAGTCCGCCATGCCCGAAGGCTACGTCCA
GGAGCGCACCATCTTCTTCAAGGACGACGGCAACTACAAGACCCGCGCCGAGGTGAAGTTCGAGGGCGACACCCT
GGTGAACCGCATCGAGCTGAAGGGCATCGACTTCAAGGAGGACGGCAACATCCTGGGGCACAAGCTGGAGTACA
ACTACAACAGCCACAACGTCTATATCATGGCCGACAAGCAGAAGAACGGCATCAAGGTGAACTTCAAGATCCGCC
ACAACATCGAGGACGGCAGCGTGCAGCTCGCCGACCACTACCAGCAGAACACCCCCATCGGCGACGGCCCCGTGC
TGCTGCCCGACAACCACTACCTGAGCACCCAGTCCGCCCTGAGCAAAGACCCCAACGAGAAGCGCGATCACATGG
TCCTTAAGGAGTTCGTGACCGCCGCCGGGATCACTCTCGGCATGGACGAGCTGTACAAGTAAAGCGGCCGCGACT
CTAGATCATAATCAGCCATACCACATTTGTAGAGGTTTTACTTGCTTTAAAAAACCTCCCACACCTCCCCCTGAACCT
GAAACATAAAATGAATGCAATTGTTGTTGTTAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCA
TCACAAATTTCACAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCAATGTATCTTAAG
GCGTAAATTGTAAGCGTTAATATTTTGTTAAAATTCGCGTTAAATTTTTGTTAAATCAGCTCATTTTTTAACCAATAG
GCCGAAATCGGCAAAATCCCTTATAAATCAAAAGAATAGACCGAGATAGGGTTGAGTGTTGTTCCAGTTTGGAAC
AAGAGTCCACTATTAAAGAACGTGGACTCCAACGTCAAAGGGCGAAAAACCGTCTATCAGGGCGATGGCCCACTA
CGTGAACCATCACCCTAATCAAGTTTTTTGGGGTCGAGGTGCCGTAAAGCACTAAATCGGAACCCTAAAGGGAGC
CCCCGATTTAGAGCTTGACGGGGAAAGCCGGCGAACGTGGCGAGAAAGGAAGGGAAGAAAGCGAAAGGAGCG
GGCGCTAGGGCGCTGGCAAGTGTAGCGGTCACGCTGCGCGTAACCACCACACCCGCCGCGCTTAATGCGCCGCTA
CAGGGCGCGTCAGGTGGCACTTTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTATTTTTCTAAATACATTCAA
ATATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTCCTGAGGCGG
AAAGAACCAGCTGTGGAATGTGTGTCAGTTAGGGTGTGGAAAGTCCCCAGGCTCCCCAGCAGGCAGAAGTATGC
AAAGCATGCATCTCAATTAGTCAGCAACCAGGTGTGGAAAGTCCCCAGGCTCCCCAGCAGGCAGAAGTATGCAAA
GCATGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCCTAACTCCGCCCATCCCGCCCCTAACTCCGCCCAGTTCC
GCCCATTCTCCGCCCCATGGCTGACTAATTTTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATT
CCAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAGATCGATCAAGAGACAGGATGAGGATCG
TTTCGCATGATTGAACAAGATGGATTGCACGCAGGTTCTCCGGCCGCTTGGGTGGAGAGGCTATTCGGCTATGAC
TGGGCACAACAGACAATCGGCTGCTCTGATGCCGCCGTGTTCCGGCTGTCAGCGCAGGGGCGCCCGGTTCTTTTT
GTCAAGACCGACCTGTCCGGTGCCCTGAATGAACTGCAAGACGAGGCAGCGCGGCTATCGTGGCTGGCCACGAC
GGGCGTTCCTTGCGCAGCTGTGCTCGACGTTGTCACTGAAGCGGGAAGGGACTGGCTGCTATTGGGCGAAGTGCC
GGGGCAGGATCTCCTGTCATCTCACCTTGCTCCTGCCGAGAAAGTATCCATCATGGCTGATGCAATGCGGCGGCTG
CATACGCTTGATCCGGCTACCTGCCCATTCGACCACCAAGCGAAACATCGCATCGAGCGAGCACGTACTCGGATG
GAAGCCGGTCTTGTCGATCAGGATGATCTGGACGAAGAGCATCAGGGGCTCGCGCCAGCCGAACTGTTCGCCAG
GCTCAAGGCGAGCATGCCCGACGGCGAGGATCTCGTCGTGACCCATGGCGATGCCTGCTTGCCGAATATCATGGT
GGAAAATGGCCGCTTTTCTGGATTCATCGACTGTGGCCGGCTGGGTGTGGCGGACCGCTATCAGGACATAGCGTT
GGCTACCCGTGATATTGCTGAAGAGCTTGGCGGCGAATGGGCTGACCGCTTCCTCGTGCTTTACGGTATCGCCGCT

CCCGATTCGCAGCGCATCGCCTTCTATCGCCTTCTTGACGAGTTCTTCTGAGCGGGACTCTGGGGTTCGAAATGAC
CGACCAAGCGACGCCCAACCTGCCATCACGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGGTTGGGCTTCGGA
ATCGTTTTCCGGGACGCCGGCTGGATGATCCTCCAGCGCGGGGATCTCATGCTGGAGTTCTTCGCCCACCCTAGGG
GGAGGCTAACTGAAACACGGAAGGAGACAATACCGGAAGGAACCCGCGCTATGACGGCAATAAAAAGACAGAA
TAAAACGCACGGTGTTGGGTCGTTTGTTCATAAACGCGGGGTTCGGTCCCAGGGCTGGCACTCTGTCGATACCCCA
CCGAGACCCCATTGGGGCCAATACGCCCGCGTTTCTTCCTTTTCCCCACCCCACCCCCCAAGTTCGGGTGAAGGCCC
AGGGCTCGCAGCCAACGTCGGGGCGGCAGGCCCTGCCATAGCCTCAGGTTACTCATATATACTTTAGATTGATTTA
AAACTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAATCCCTTAACGTGA
GTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTTTCTGCGCGTAA
TCTGCTGCTTGCAAACAAAAAAACCACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTTT
CCGAAGGTAACTGGCTTCAGCAGAGCGCAGATACCAAATACTGTTCTTCTAGTGTAGCCGTAGTTAGGCCACCACT
TCAAGAACTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAA
GTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCGGGCTGAACGGGGGGTT
CGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCG
CCACGCTTCCCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAG
GGAGCTTCCAGGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTT
TTGTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCTTTTTACGGTTCCTGGCCTTTT
GCTGGCCTTTTGCTCA