

SUPPLEMENTARY FIGURE 3

A. *Sig*-full length MOG-LAMP-3 vector

ACTAGTGCCACCATGGCTGCCCCCTGGCGCCAGAAGGCCTCTGCTGCTGCTCCTGCTGGCTGGCCTGGCTCATG
GCGCCAGCGCCCTGTTGAGGACCCTGCCTGCCTGTGGTCCTTCAGCTGGCCCAGCTGCTTCTGAGCCTC
CTGCTCCTGCTCCTCCTGCAGCTGAGCTGCTCCTACGCCGGCCAGTTCAGAGTGATCGGCCCTGGCTACC
CCATCAGAGCCCTCGTGGGAGATGAGGCCGAGCTGCCCTGCAGAATCAGCCCCGCAAGAACGCCACC
GGCATGGAAGTGGGCTGGTACAGATCCCCCTCAGCCGGGTGGTGCACCTGTACAGAAACGGCAAGG
ACCAGGACGCCGAGCAGGCCCCCGAGTACAGAGGCAGAACCAGCTGCTGAAAGAGACAATCAGCGA
GGCAAAGTGACCCTGAGAATCCAGAACGTGCGGTTACGCGACGAGGGCGGCTACACCTGTTTCTTCC
GGGACCACAGCTACCAAGAAGAGGCCGCCATGGAAGTGAAGTTCGAGGACCCCTTCTACTGGGTCAAC
CCCGCGTGCTGACCCTGATCGCCCTGGTGCCACAATCCTGCTCCAGGTGTCCGTGGGCCTGGTGTC
CTGTTCTGCAGCACAGACTGAGAGGCAAGCTGAGAGCCGAGGTGAAAACCTGCACAGAACCTTCG
ACCCCCACTTCTGAGAGTGCCCTGCTGGAAGATCACCTGTTTCGTGATCGTGCCCGTCTGGGCCCT
GGTGGCCCTGATCATCTGCTACAACCTGGCTGCACAGAAGGCTGGCCGGACAGTTCCTGGAAGAACTGA
GAAACCCCTTCTGTCCGACTACACCGTGGTGCTGCCCATGGTGGCCATCATCGTGGTGGTTCATCTGCGTCG
TGGGCCTGAGCGTGTACAAGATCAGACAGAGACACCAGAGCAGCGCCTACCAGAGAATCTGA

B. *Sig*-extracellular MOG-LAMP-3 vector

ACTAGTGCCACCATGGCTGCTCCAGGTGCTAGAAGGCCTCTGCTGCTTCTGCTTCTGGCTGGACTTGCTCATG
GCGCCTCTGCTCTGTTGAGGACCCTGGCCAGTTTGTAGAGTGATCGGCCCTGGATACCCTATCAGAGCCCTC
GTGGGAGATGAGGCCGAGCTGCCTTGTAGAATCTCTCCTGGCAAGAACGCCACCGGCATGGAAGTCGG
ATGGTACAGATCCCATTACAGCAGAGTGGTGCACCTGTACAGAAACGGCAAGGACCAGGATGCTGAGC
AGGCTCCTGAGTACAGAGGCAGAACCGAGCTGCTGAAAGAGACAATCAGCGAGGGCAAAGTGACCCT
GAGAATCCAGAACGTGCGGTTACGCGACGAAGGCGGCTACACATGTTTCTCAGGGACCACAGCTACC
AAGAGGAAGCCGCCATGGAAGTGAAGTTCGAGGACCCCTTTTACTGGGTCAACCCTGGCGTGCTGACA
CTGAGCGATTACACCGTGGTGCTGCCTATGGTGGCCATCATCGTGGTGGTTCATCTGTGTCGTGGGCCTGAGC
GTGTACAAGATCAGACAGAGACACCAGAGCAGCGCCTACCAGAGAATCTGA

Supplementary Figure 3. Nucleotide sequence of the *Sig*-full length MOG-LAMP-3 (**A**) and *Sig*-extracellular MOG-LAMP-3 (**B**) constructs, both codon-optimized for mus musculus. MOG nucleotide sequence was based on NCBI gene 17441. Legend: *Sig* sequence; **MOG sequence**; LAMP-3 sequence.