

Table S5. Oligonucleotides used in this study.

Oligo Name	Sequence
pmCherry-hGBP1DBgIII-F	5'-GCTGTACAAGTCCGGACTCAGGTCCATGGCATCAGAGATC-3'
pmCherry-hGBP1DBgIII-R	5'-GATCTCTGATGCCATGGACCTGAGTCCGGACTTGTACAGC-3'
attB1-mCherry-F	5'-GGGGACAAGTTTGTACAAAAAAGCAGGCTGCCACCATGGTGTAGCAAGGGCGAGG-3'
attB2-hGBP1DC_BgIII-R	5'-GGGGACCACTTTGTACAAGAAAGCTGGGTCTTAGAGATCTTGTATCTCATTTTTTCATT ATTCTGCTTTC-3'
Gibbon_PBM-F	5'-ATGAGATACAAGATCTCCAGGCCGAAAATGCGTCCGCGCCGTCCGTGTACCATAAGCTAA GATCTCTAAGACCCA-3'
Gibbon_PBM-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACACGGACGGCGCGGACGCATTTTCGCCTGGA GATCTTGTATCTCAT-3'
Rhesus Macaque_PB M-F	5'-ATGAGATACAAGATCTCCAGAAGAAAATGCGTCAGCGCCGTACCTGTACCATAAGCTAA GATCTCTAAGACCCA-3'
Rhesus Macaque_PB M-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACAGGTACGGCGCTGACGCATTTTCTTCTGGA GATCTTGTATCTCAT-3'
Night Monkey_PB M-F	5'-ATGAGATACAAGATCTCCAGAACGCGATGCGTCCGCGCGTCCGCGTGTACCATAAG CTAAGATCTCTAAGACCCA-3'
Night Monkey_PB M-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACAACGGCGACGCGCGGACGCATCGCGTTC TGGAGATCTTGTATCTCAT-3'
Capuchin_P BM-F	5'-ATGAGATACAAGATCTCCAGAACGCCATGAAGCCCCCTCGGCGCAGATGTACCATAAG CTAAGATCTCTAAGACCCA-3'
Capuchin_P BM-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACATCTGCGCCGAGGGGGCTTCATGGCGTTC TGGAGATCTTGTATCTCAT-3'
Squirrel Monkey_PB M-F	5'-ATGAGATACAAGATCTCCAGAACGCCATGAGACCCCGCAAGAGATGTACCATAAGCTAA GATCTCTAAGACCCA-3'
Squirrel Monkey_PB M-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACATCTCTTGCGGGGTCTCATGGCGTTCTGGAG ATCTTGTATCTCAT-3'
Marmoset_P BM-F	5'-ATGAGATACAAGATCTCCAGAACGCCATGAAGAACGTGTTCTTCCCCCTGTCCCGGCGCT GTACCATAAGCTAAGATCTCTAAGACCCA-3'
Marmoset_P BM-R	5'-TGGGTCTTAGAGATCTTAGCTTATGGTACAGCGCCGGGACAGGGGAAGAACACGTTCTT CATGGCGTTCGGAGATCTTGTATCTCAT-3'
attB2-hGBP1-R	5'-GGGGACCACTTTGTACAAGAAAGCTGGGTCTTAGCTTATGGTACATGCCTTTCGTC-3'
hGBP1_R58 5P-F	5'-CAGACGAAAATGAGACCACGAAAGGCATGTACCATAAGC-3'
hGBP1_R58 5P-R	5'-GCTTATGGTACATGCCTTTCGTTGGTCTCATTTTCGTCTG-3'
hGBP1_A58 8R-F	5'-CAGACGAAAATGAGACGACGAAAGCGATGTACCATAAGC-3'
hGBP1_A58 8R-R	5'-GCTTATGGTACATGCCTTTCGTTGGTCTCATTTTCGTCTG-3'
hGBP1_R58 5P_A588R-F	5'-CTCCAGACGAAAATGAGACCACGAAAGCGATGTACCATAAGC-3'
hGBP1_R58 5P_A588R-R	5'-GCTTATGGTACATGCCTTTCGTTGGTCTCATTTTCGTCTGGAG-3'
Squirrel Monkey GBP2 C-Terminus gBlock	5'- CTTCTACAACTGATCAGTCACTCTCAGAAAAGGAAAAAGCGCTTGAAGTGGAACGTGTAAAGGCTGAATCT GCCGAAGCTGCAAAAGAAAATGTTGGAGGAAATACAAAAGAAGAACCAGCAGAT GATGGAACAGAAAAGAGAAGAGTTATCAGGAACATGTGAAACAATTGACTGAGAAGATGGAGAG TGATAGGGCCCAATTAATAGCGGAGCAAGAGAAGACCATCGATGTTAAACTTAAGGAACAGGAACGCCTTC TCAAAGAGGGATTTCGAGCTTGAGAGCAAGAGACTTCAAAAAGAGATACAAGATATCA AGAAAAGACGCAGATCATCATGTAACATACTCTAATGATCATAATCAGCCA-3'