

LoxP site:	sgRNA target recognition sites with genomic coordinates	Oligonucleotide (w/ <u>loxP site</u>)
LoxP4	acgctccacaccctgacccatgg chr4:+98750272	tccatcttgggcctttaaccatgtgcaaagactctccctctactttatttcattacattagcatgtg cagtggccatgataacttcgtatagcatacattatacgaagttatgtcaggggtgggagcgttttgg gagctttacctgccacagtctggtcacagtattgctagaatgatcccagtaacaac
LoxP5	gggttggttcctagctacactgg chr4:-98748262	agtgatgtggggctggagaggaggctctagtttagagcactggctattcttgagaggacctgggt ttggtcctagctataacttcgtatagcatacattatacgaagttatcactggcatctaacagccatc tctacctctgatccaggtatctgacatcctcttctgtgagcagtgcacatgggtg
LoxP6	ccaaccattgagctagcttaggg chr4:+98744990	ttccagacacccaatgctctggagtccccacataaaaggcacaatgtacagccttattttaata taccctaaataacttcgtatagcatacattatacgaagttatggatccaatggtgggcacttcaa acctctcacagctagcacacactcccctccagtatacctgagttaacactttcta

Table S3. *Dock7* CRISPR reagents. Sequences of the sgRNA, sgRNA genomic coordinates, and the sequence of oligonucleotides loxP donors are listed. The loxP site is underlined in the oligonucleotide. Genomic coordinates are expressed in the NCBI37/mm9 build.