

pTRE-Tight-Luc

	Modified Tet-response element (TREM _{od})					
	Tet-responsive Promoter					
1	CTCGAGTTTA	CTCCCTATCA	GTGATAGAGA	ACGTATGTCG	AGTTTACTCC	CTATCAGTGA
	GAGCTCAAA	GAGGGATAGT	CACTATCTCT	TGCATACAGC	TCAAATGAGG	GATAGTCACT
	Modified Tet-response element (TREM _{od})					
	Tet-responsive Promoter					
61	TAGAGAACGA	TGTCGAGTTT	ACTCCCTATC	AGTGATAGAG	AACGTATGTC	GAGTTTACTC
	ATCTCTTGCT	ACAGCTCAAA	TGAGGGATAG	TACTATCTC	TTGCATACAG	CTCAAATGAG
	Modified Tet-response element (TREM _{od})					
	Tet-responsive Promoter					
121	CCTATCAGTG	ATAGAGAACG	TATGTCGAGT	TACTCCCTA	TCAGTGATAG	AGAACGTATG
	GGATAGTCAC	TATCTCTTGC	ATACAGCTCA	AATGAGGGAT	AGTCACTATC	TCTTGCCATC
	Modified Tet-response element (TREM _{od})					
	Tet-responsive Promoter					
181	TCGAGTTTAT	CCCTATCAGT	GATAGAGAAC	GTATGTCGAG	TTTACTCCCT	ATCAGTGATA
	AGCTCAAATA	GGGATAGTCA	CTATCTCTTG	CATACAGCTC	AAATGAGGGA	TAGTCACTAT
	Modified Tet-response element (TRE)					
	Minimal CMV Promoter					
	Tet-responsive Promoter					
241	GAGAACGTAT	GTCGAGGTAG	GCGTGTACGG	TGGGAGGCCT	ATATAAGCAG	AGCTCGTTTA
	CTCTTGCCATA	CAGCTCCATC	CGCACATGCC	ACCTCCCGA	TATATTGCTC	TCGAGCAAAT
	Minimal CMV Promoter					
	Tet-responsive Promoter					
301	GTGAACCGTC	AGATCGCCTG	GAGAATTTCGA	GCTCGGTACC	CGGGATCCA	CCATGGAAGA
	CACTTGCCAG	TCTAGCCGAC	CTCTTAAGCT	CGAGCCATGG	GCCCCTAGGT	GGTACCCTCT
	Luciferase					
361	CGCCAAAAC	ATAAAGAAAG	GCCCCGCGCC	ATTCTATCCG	CTAGAGGATG	GAACCGCTGG
	GCGGTTTTTG	TATTTCTTTC	CGGGCCGCGG	TAAGATAGGC	GATCTCCTAC	CTTGGCGACC
	Luciferase					
421	AGAGCAACTG	CATAAGGCTA	TGAAGAGATA	CGCCTGGTT	CCTGGAACAA	TTGCTTTTAC
	TCTCGTTGAC	GTATTCCGAT	ACTTCTCTAT	GCGGGACCAA	GGACCTTGT	AACGAAAATG
	Luciferase					
481	AGATGCACAT	ATCGAGGTGA	ACATCACGTA	CGCGGAATAC	TTCGAAATGT	CCGTTCGGTT
	TCTACGTGTA	TAGCTCCACT	TGTAGTGCAT	GCGCCTTATG	AAGCTTTACA	GGCAAGCCAA
	Luciferase					
541	GGCAGAAGCT	ATGAAACGAT	ATGGGCTGAA	TACAAATCAC	AGAATCGTCG	TATGCAGTGA
	CCGTCTTCGA	TACTTTGCTA	TACCCGACTT	ATGTTTAGTG	TCTTAGCAGC	ATACGTCACT
	Luciferase					
601	AAACTCTCTT	CAATTCCTTA	TGCCGGTGT	GGGCGGTTA	TTTATCGGAG	TTGCAGTTGC
	TTTGAGAGAA	GTTAAGAAAT	ACGGCCACAA	CCCGCGCAAT	AAATAGCCTC	AACGTCAACG
	Luciferase					
661	GCCCCGGAAC	GACATTTATA	ATGAACGTGA	ATTGCTCAAC	AGTATGAACA	TTTCGCAGCC
	CGGGCGCTTG	CTGTAAATAT	TACTTGCCT	TAACGAGTTG	TCATACTTGT	AAAGCGTCGG
	Luciferase					
721	TACCGTAGTG	TTGTTTCCA	AAAAGGGGTT	GCAAAAAATT	TTGAACGTGC	AAAAAAAATT
	ATGGCATCAC	AAACAAAGGT	TTTTCCCAA	CGTTTTTAA	AACTTGCAGC	TTTTTTTTAA
	Luciferase					
781	ACCAATAATC	CAGAAAATTA	TTATCATGGA	TTCTAAAACG	GATTACCAGG	GATTTCACTC
	TGGTTATTAG	GTCTTTTAAT	AATAGTACCT	AAGATTTTGC	CTAATGGTCC	CTAAAGTCAG
	Luciferase					
841	GATGTACACG	TTCGTACAT	CTCATCTACC	TCCCGGTTTT	AATGAATACG	ATTTTGTACC
	CTACATGTGC	AAGCAGTGA	GAGTAGATGG	AGGGCCAAA	TTACTTATGC	TAAAACATGG
	Luciferase					
901	AGAGTCCTTT	GATCGTGACA	AAACAATTGC	ACTGATAATG	AACTCCTCTG	GATCTACTGG
	TCTCAGGAAA	CTAGCACTGT	TTGTTAACG	TGACTATTAC	TTGAGGAGAC	CTAGATGACC
	Luciferase					
961	GTTACCTAAG	GGTGTGGCCC	TTCCGCATAG	AACTGCCTGC	GTCAGATTCT	CGCATGCCAG
	CAATGGATTC	CCACACCGGG	AAGGCGTATC	TTGACGGACG	CAGTCTAAGA	GCGTACGGTC
	Luciferase					
1021	AGATCCTATT	TTTGGCAATC	AAATCATTCC	GGATACTGCG	ATTTTAAGTG	TTGTTCATT
	TCTAGGATAA	AAACCGTTAG	TTTAGTAAGG	CCTATGACGC	TAAAATTAC	AACAAGGTAA
	Luciferase					
1081	CCATCACGGT	TTTGGAAATG	TACTACACT	CGGATATTTG	ATATGTGGAT	TTGAGTCGT
	GGTAGTGCCA	AAACCTTACA	AATGATGTGA	GCCTATAAAC	TATACACCTA	AAGCTCAGCA

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	Luciferase					
1141	CTTAATGTAT	AGATTTGAAG	AAGAGCTGTT	TTTACGATCC	CTTCAGGATT	ACAAAATTCA
	GAATTACATA	TCTAAACTTC	TTCTCGACAA	AAATGCTAGG	GAAGTCCTAA	TGTTTTAAGT
	Luciferase					
1201	AAGTGCCTTG	CTAGTACCAA	CCCTATTTTC	ATTCTTCGCC	AAAAGCACTC	TGATTGACAA
	TTACGCAAC	GATCATGGTT	GGGATAAAAAG	TAAGAAGCGG	TTTTCTGTAG	ACTAACTGTT
	Luciferase					
1261	ATACGATTTA	TCTAATTTAC	ACGAAATTGC	TTCTGGGGGC	GCACCTCTTT	CGAAAGAAGT
	TATGCTAAAT	AGATTTAAATG	TGCTTTAACG	AAGACCCCCG	CGTGGAGAAA	GCTTTCTTCA
	Luciferase					
1321	CGGGGAAGCG	GTTGCAAAAC	GCTTCCATCT	TCCAGGGATA	CGACAAGGAT	ATGGGCTCAC
	GCCCCTTCGC	CAACGTTTTG	CGAAGGTAGA	AGGTCCCTAT	GCTGTTCCCTA	TACCCGAGTG
	Luciferase					
1381	TGAGACTACA	TCAGCTATTC	TGATTACACC	CGAGGGGGAT	GATAAACCGG	GCGCGGTCGG
	ACTCTGATGT	AGTCGATAAG	ACTAATGTGG	GCTCCCCCTA	CTATTTGGCC	CGCGCCAGCC
	Luciferase					
1441	TAAAGTTGTT	CCATTTTTTG	AAGCGAAGGT	TGTGGATCTG	GATACCGGGA	AAACGCTGGG
	ATTTCAACAA	GGTAAAAAAC	TTCGCTTCCA	ACACCTAGAC	CTATGGCCCT	TTTGGCAGCC
	Luciferase					
1501	CGTTAATCAG	AGAGGCGAAT	TATGTGTCAG	AGGACCTATG	ATTATGTCCG	GTTATGTAAA
	GCAATTAGTC	TCTCCGCTTA	ATACACAGTC	TCCTGGATAC	TAATACAGGC	CAATACATTT
	Luciferase					
1561	CAATCCGGAA	GCGACCAACG	CCTTGATTGA	CAAGGATGGA	TGGCTACATT	CTGGAGACAT
	GTTAGGCCTT	CGCTGGTTGC	GGAACCTAAT	GTTCTTACCT	ACCGATGTAA	GACCTCTGTA
	Luciferase					
1621	AGCTTACTGG	GACGAAGACG	AACACTTCTT	CATAGTTGAC	CGCTTGAAGT	CTTTAATTAA
	TCGAATGACC	CTGCTTCTGC	TTGTGAAGAA	GTATCAACTG	GCGAACTTCA	GAAATTAATT
	Luciferase					
1681	ATACAAAGGA	TACCAGGTGG	CCCCCGCTGA	ATTGGAGTCG	ATATTGTTAC	AACACCCCAA
	TATGTTTCTT	ATGGTCCACC	GGGGCGGACT	TAACCTCAGC	TATAACAATG	TTGTGGGGTT
	Luciferase					
1741	CATCTTCGAC	GCGGGCGTGG	CAGGTCTTCC	CGACGATGAC	GCCGGTGAAC	TTCCCGCCGC
	GTAGAAGCTG	CGCCCGCACC	GTCCAGAAGG	GCTGCTACTG	CGGCCACTTG	AAGGGCGGGC
	Luciferase					
1801	CCTTGTTGTT	TTGGAGCACG	GAAAGACGAT	GACGGAAAAA	GAGATCGTGG	ATTACGTCGC
	GCAACAACAA	AACCTCGTGC	CTTCTGCTA	CTGCCTTTTT	CTCTAGCACC	TAATGCAGCG
	Luciferase					
1861	CAGTCAAGTA	ACAACCGCGA	AAAAGTTGCG	CGGAGGAGTT	GTGTTTGTGG	ACGAAGTACC
	GTCAGTTCAT	TGTTGGCGCT	TTTCAACGC	GCCTCCTCAA	CACAAACACC	TGCTTCATGG
	Luciferase					
1921	GAAAGGTCTT	ACCGGAAAAC	TCGACGCAAG	AAAAATCAGA	GAGATCCTCA	TAAAGGCCAA
	CTTTCCAGAA	TGGCCTTTTG	AGCTGCGTTC	TTTTTAGTCT	CTCTAGGAGT	ATTTCCGGTT
	Luciferase					
				EagI	ClnI	AclI
				NotI		Sall
			NheI		HindIII	
1981	GAAGGGCGGA	AAGTCCAAAT	TGTAAAATGC	TAGCGCGGCC	GCATCGATAA	GCTTGTCTGAC
	CTTCCCCTCT	TTCAGGTTTA	ACATTTTACG	ATCGCGCCGG	CGTAGCTATT	CGAACAGCTG
	SV40 polyA signal					
		XbaI				
	EcoRV					
2041	GATATCTCTA	GAGGATCATA	ATCAGCCATA	CCACATTTGT	AGAGGTTTTA	CTTGCTTTAA
	CTATAGAGAT	CTCCTAGTAT	TAGTCGGTAT	GGTGTAACA	TCTCCAAAT	GAACGAAAT
	SV40 polyA signal					
2101	AAAACCTCCC	ACACCTCCCC	CTGAACCTGA	AACATAAAAT	GAATGCAATT	GTTGTTGTTA
	TTTTGGAGGG	TGTGGAGGGG	GACTTGGACT	TTGTATTTTA	CTTACGTTAA	CAACAACAAT
	SV40 polyA signal					
2161	ACTTGTTTAT	TGCAGCTTAT	AATGTTTACA	AATAAAGCAA	TAGCATCACA	AATTTACAAA
	TGAACAAATA	ACGTGGAATA	TTACCAATGT	TTATTTCTGT	ATCGTAGTGT	TTAAAGTGT
	SV40 polyA signal					
			XhoI			
2221	ATAAAGCATT	TTTTTCACTG	CCTCGAGCTT	CCTCGCTCAC	TGACTCGCTG	CGCTCGGTCTG
	TATTTCTGTA	AAAAAGTGAC	GGAGCTCGAA	GGAGCGAGTG	ACTGAGCGAC	GCGAGCCAGC
2281	TTCGGCTGCG	GCGAGCGGTA	TCAGTCACT	CAAAGGCGGT	AATACGGTTA	TCCACAGAAT
	AAGCCGACGC	CGCTCGCCAT	AGTCGAGTGA	GTTTCCGCCA	TTATGCCAAT	AGGTGTCCTA

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2341	CAGGGGATAA CGCAGGAAAG AACATGTGAG CAAAAGGCCA GCAAAGGCC AGGAACCGTA GTCCCCTATT GCGTCCTTTC TTGTACACTC GTTTTCCGGT CGTTTTCCGG TCCTTGGCAT
	pUC origin
2401	AAAAGGCCGC GTTGCTGGCG TTTTTCATA GGCTCCGCC CCCTGACGAG CATCACAAA TTTTCCGGCG CAACGACCGC AAAAAGGTAT CCGAGGCGGG GGGACTGCTC GTAGTGTTTT
	pUC origin
2461	ATCGACGCTC AAGTCAGAGG TGGCGAAACC CGACAGGACT ATAAAGATAC CAGGCGTTTC TAGCTGCGAG TTCAGTCTCC ACCGCTTGG GCTGTCTGA TATTTCTATG GTCCGCAAAG
	pUC origin
2521	CCCCTGGAAG CTCCTCGTG CGCTCTCCTG TTCCGACCCT GCCGTTACC GGATACCTGT GGGACCTTC GAGGGAGCAC GCGAGAGGAC AAGGCTGGGA CGGCGAATGG CCTATGGACA
	pUC origin
2581	CCGCCTTTCT CCCTTCGGGA AGCGTGGCGC TTTCTCATAG CTCACGCTGT AGGTATCTCA GGCGAAAGA GGAAGCCCT TCGCACCGCG AAAGAGTATC GAGTGCAGACA TCCATAGAGT
	pUC origin
2641	GTTCGGTGTG GGTGCTTCGC TCCAAGCTGG GCTGTGTGCA CGAACCCCC GTTCAGCCC CAAGCCACAT CCAGCAAGCG AGGTTGACC CGACACACGT GCTGGGGGG CAAGTCGGGC
	pUC origin
2701	ACCGCTGCGC CTTATCCGGT AACTATCGTC TTGAGTCCAA CCCGGTAAGA CACGACTTAT TGGCGACGCG GAATAGGCCA TTGATAGCAG AACTCAGGT GGGCCATTCT GTGCTGAATA
	pUC origin
2761	GCGCACTGGC AGCAGCCACT GGTAACAGGA TTAGCAGAGC GAGGTATGTA GGCGGTGCTA GCGGTGACCG TCGTCCGTGA CCATTGTCCT AATCGTCTCG CTCATACAT CCGCCACGAT
	pUC origin
2821	CAGAGTTCTT GAAGTGGTGG CCTAACTACG GCTACACTAG AAGAACAGTA TTTGGTATCT GTCTCAAGAA CTTACCACC GGATTGATGC CGATGTGATC TTCTTGTGAT AAACCATAGA
	pUC origin
2881	GCGCTCTGCT GAAGCCAGTT ACCTTCGGAA AAAGAGTTGG TAGCTCTTGA TCCGGCAAAC CGCGAGACGA CTTCCGTCAA TGGAAGCCTT TTTCTCAACC ATCGAGAACT AGGCCGTTG
	pUC origin
2941	AAACCACCGC TGGTAGCGGT GGTTFTTTTG TTTGCAAGCA GCAGATTACG CGCAGAAAA TTTGGTGGCG ACCATCGCCA CCAAAAAAAC AAACGTTTCGT CGTCTAATGC GCGTCTTTTT
	pUC origin
3001	AAGGATCTCA AGAAGATCCT TTGATCTTTT CTACGGGTC TGACGCTCAG TGGAACGAAA TTCTAGAGT TCTTCTAGGA AACTAGAAAA GATGCCCCAG ACTGCGAGTC ACCTTGCTTT
3061	ACTCACGTTA AGGGATTTTG GTCATGAGAT TATCAAAAAG GATCTTCACC TAGATCCTTT TGAGTGAAT TCCCTAAAAC CAGTACTCTA ATAGTTTTTC CTAGAAGTGG ATCTAGGAAA
3121	TAAATTAATA ATGAAGTTTT AAATCAATCT AAAGTATATA TGAGTAACT TGGTCTGACA ATTTAATTTT TACTTCAAAA TTTAGTTAGA TTTTATATAT ACTCATTGTA ACCAGACTGT
3181	GTTACCAATG CTTAATCAGT GAGGCACCTA TCTCAGCGAT CTGTCTATTT CGTTCATCCA CAATGGTTAC GAATTAGTCA CTCCGTGGAT AGAGTCGCTA GACAGATAAA GCAAGTAGGT
	Amp(R)
3241	TAGTTGCTG ACTCCCCTG GTGTAGATAA CTACGATACG GGAGGGCTTA CCATCTGGCC ATCAACGGAC TGAGGGGCG CACATCTATT GATGCTATGC CCTCCGAAT GGTAGACCGG
	Amp(R)
3301	CCAGTGCTGC AATGATACCG CGAGACCCAC GCTCACCAGC TCCAGATTTA TCAGCAATAA GGTCACGACG TFACTATGGC GCTCTGGGTG CGAGTGGCCG AGGTCTAAAT AGTCGTATT
	Amp(R)
3361	ACCAGCCAGC CGGAAGGGCC GAGCGCAGAA GTGGTCTGCA AACTTTATCC GCCTCCATCC TGGTCCGTCG GCCTTCCCG CTCGCTCTT CACCAGGACG TTGAAATAGG CGGAGGTAGG
	Amp(R)
3421	AGTCTATTA TGTGTCGGG GAAGCTAGAG TAAGTAGTTC GCCAGTTAAT AGTTGCGCA TCAGATAATT AACAACGGCC CTTGATCTC ATTCATCAAG CCGTCAATTA TCAAACGCGT
	Amp(R)
3481	ACGTTGTTGC CATTGCTACA GGCATCGTGG TGTACGCTC GTCGTTTGGT ATGGCTTCAT TGCAACAACG GTAACGATGT CCGTAGCACC ACAGTGCAG CAGCAAACA TACCGAAGTA
	Amp(R)
3541	TCAGCTCCGG TCCCCAACGA TCAAGGCGAG TTACATGATC CCCATGTTG TGCAAAAAAG AGTCGAGGCC AAGGGTTGCT AGTCCGCTC AATGACTAG GGGGTACAAC ACGTTTTTTC
	Amp(R)
	PvuI
3601	CGGTTAGCTC CTTCCGTCCT CCGATCGTTG TCAGAAGTAA GTTGGCCGCA GTGTTATCAC GCCAATCGAG GAAGCCAGGA GGCTAGCAAC AGTCTTCATT CAACCGCGT CACAATAGTG
	Amp(R)

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3661 TCATGGTTAT GGCAGCACTG CATAATTCTC TTACTGTTCAT GCCATCCGTA AGATGCTTTT
 AGTACCAATA CCGTCGTGAC GTATTAAGAG AATGACAGTA CGGTAGGCAT TCTACGAAAA

Amp(R)

3721 CTGTGACTGG TGAGTACTCA ACCAAGTCAT TCTGAGAATA GTGTATGCGG CGACCGAGTT
 GACACTGACC ACTCATGAGT TGGTTCAGTA AGACTCTTAT CACATACGCC GCTGGCTCAA

Amp(R)

3781 GCTCTTGCCC GGCCTCAACA CGGGATAATA CCGCGCCACA TAGCAGAACT TTAAAAGTGC
 CGAGAACGGG CCGCAGTTGT GCCCTATTAT GCGCGGGTGT ATCGTCTTGA AATTTTCACG

Amp(R)

3841 TCATCATTGG AAAACGTTCT TCGGGGCGAA AACTCTCAAG GATCTTACCG CTGTTGAGAT
 AGTAGTAACC TTTTGCAAGA AGCCCCGCTT TTGAGAGTTC CTAGAATGGC GACAACCTCA

Amp(R)

3901 CCAGTTCGAT GTAACCCACT CGTGCACCCA ACTGATCTTC AGCATCTTTT ACTTTCACCA
 GGTCAAGCTA CATTGGGTGA GCACGTGGGT TGACTIONAAG TCGTAGAAAA TGAAAGTGGT

Amp(R)

3961 GCGTTTCTGG GTGAGCAAAA ACAGGAAGGC AAAATGCCGC AAAAAAGGGA ATAAGGGCGA
 CGCAAAGACC CACTCGTTTT TGTCTTCCG TTTTACGGCG TTTTTCCT TATTCCCGCT

Amp(R)

4021 CACGGAAATG TTGAATACTC ATACTCTTCC TTTTCAATA TTATTGAAGC ATTTATCAGG
 GTGCCTTTAC AACTTATGAG TATGAGAAGG AAAAAGTTAT AATAACTTCG TAAATAGTCC

Amp(R)

4081 GTTATTGTCT CATGAGCGGA TACATATTTG AATGTATTTA GAAAAATAAA CAAATAGGGG
 CAATAACAGA GACTCTGCCT ATGTATAAAC TTACATAAAT CTTTTTATTT GTTTATCCCC

Amp(R)

4141 TTCCGCGCAC ATTTCCCCGA AAAGTGCCAC CTGACGTCTA AGAAACCATT ATTATCATGA
 AAGGCGCGTG TAAAGGGGCT TTTACGGTG GACTGCAGAT TCTTTGGTAA TAATAGTACT

Amp(R)

4201 CATTAACTA TAAAAATAGG CGTATCACGA GGCCCTTTCG TCTTCA
 GTAATTGGAT ATTTTATCC GCATAGTGCT CCGGAAAGC AGAAGT