

S1)





Supplemental Figure 2







Supplemental Figure 4

S5)



Supplemental Figure 5

S4)

S6A)



S6B)





FTTTATTAATGGAGGAACTAGATGATTTTA <u>TTTTACCT</u> ATGTGGTCTGCC FTTTATTAATGAGGCTACTAGATCATTTAA <u>ATTTACCT</u> GTGTGGCTTGTA	M1
FTTTCTTCTTCTGGGCA-CGTTGACCCTGAGTGATTTGTAGT FTGTATTTCTACTGGGCAGTGCTGATCTAGAGCAATTTGAAACTTGTGGT	
AGGTATTTTACTAATCACCTCCATTGAAGGGCTTCCTCACCACATTGGCT AGATATTTTACTAACCAACTCTGATGAAGGACTTCCTCACCAAATTGTTC	
FTTTAACCATACCCTTTCCTTGCTTTTCTGGTC <mark>ATTTGCAA</mark> GAAAAGTTT FTTTAACCGCATTCTTTCCTTGCTTT-CTGGTC <u>ATTTGCAA</u> GAAAAATTT	M2
GAAAAGGCTTCCCCCATTGCATGGTTTGAGAAGCCCAAGAGTTTCCTCAT TAAAAGGCTGCCCCTTTGTAAAG	
GGTTTGAGAAGCCCAAGAGTTTCCTTTTATTCAGCCGTCCCCAACCAC <u>AA</u> -GTTTGAGAGGCCCTAGAATTTCGTTTTTCACTTGTTCCCAACCAC <u>AA</u>	М3
<u>ACAAAG</u> GCTCCCTGTGCTGTGCTCTGTGGATGAGAAATTCACATTACA <u>GCAAAT</u> GATCAATGTGCTTTGTGAATGAAGAGTCAACATTTTACC	
AGGGCAAAAAGGGGGGAGACGTAAAAGCA <u>ATTTCCAG</u> CCCCCACCCCAAAT AGGGCGAAGTGGGG-AGGTACAAAAA-A <u>ATTTCCAG</u> TCCTTGAAT	M4
GGTGTGAAGTAAAAGTGCTTTCAGAGAATCCCACAAGAATGGCACAGGTG GGTGTGAAGTAAAAGTGCCTTCAAAGAATCCCACCAGAATGGCACAGGTG	
GGCACAGCGGGGCTGTCTCATCGTCAGAGAGCCCAAGGAGTCGAAAGGAA GGCATAATGGGTCTGTCTCATCGTCAAAGGACCCAAGGAGTCTAAAGGAA	
астстаасатдссасалаассатадстдт-а <u>атдсааа</u> астстаастасаасасссааатдссасаааассттадттатта <u>атасааа</u>	M5
ЗГААСТТАGCTCCCCCCCCCTATCTGTCACCATCTTААААААААААА	
CAAAAAAAAACTTGTGAAAATACGTAATCCCGAGGAGCCTTCGATCAGG <u>T</u> ICTTAAAAA <mark>ACTTGTGAAA</mark> ATACGTAATCCTCAGGAGACTTCAATTAGG <u>T</u>	TATA-Box
<u>ATAAA-A</u> CTGGAAGCCAGAG-AGGTGCAGGCTATAGCTGCCATCGGCTGA <u>ATAAATA</u> CCAGCAGCCAGAGGAGGTGCAGCACATTGTTCTGATCATCTGA	
CCTAGAGAAGACACATCAGCTGA-TCCTTTGGACCCTCTGA AGATCAGCTATTAGAAGAGAAAGATCAGTTAAGTCCTTTGGACCTGATCA	
-CTTGAGACAGAAGTTCTGGGCTTCTCCTCCTGCGGCCTAGCTCTG GCTTGATACAAGAACTACTGATTTCAACTTCTTTGGCTTAATTCTCTCGG	

S8)