

S3_Table. Oligonucleotides used in this study.

No	Oligonucleotide	Sequence
EMSA		
#1	parS1/4Fa	Cy3-AATTCAAGCTTTGTTCCACGTGGAACCG
#2	parS1/4Ra	TCGACGGTTCACGTGGAACAAAGCTTG
#3	parS2/3Fa	Cy3- AATTCAAGCTTTGTTCCACGTGGAACAG
#4	parS2/3Ra	TCGACTGTTCCACGTGGAACAAAGCTTG
#5	parS5Fa	Cy3-AATTCAAGCTTTGTTCTACATGGAACAG
#6	parS5Ra	TCGACTGTTCCATGTAGAACAAAGCTTG
#7	parS6Fa	Cy3-AATTCAAGCTTCGTTCCACGTGGAAGAG
#8	parS6R	TCGACTCTTCACGTGGAACGAAGCTTG
#9	parS7Fa	Cy3-AATTCAAGCTTTGTTCCACGAGGAACCG
#10	parS7Ra	TCGACCGTTCCTCGTGGAACAAAGCTTG
#11	parS8Fa	Cy3-AATTCAAGCTTTGTTCCACGAGGCACAG
#12	parS8R	TCGACTGTGCCTCGTGGAACAAAGCTTG
#13	parS9Fa	Cy3-AATTCAAGCTTTGTTCCACGAGGAAGAG
#14	parS9R	TCGACTCTTCCTCGTGGAACAAAGCTTG
#15	parS10Fa	Cy3-AATTCAAGCTTTGTTCCACAGGGAACAG
#16	parS10R	TCGACTGTTCCCTGTGGAACAAAGCTTG
#17	pS1mutFa	Cy5-AATTCAAGCTTTATTTTCATGTAGAGCCG
#18	pS1mutR	TCGACGGCTCTACATGAAATAAAGCTTG
#19	pS2mutFa	Cy5-AATTCAAGCTTTGTTTCATGTAGAGCAG
#20	pS2mutR	TCGACTGCTCTACATGAAACAAAGCTTG
#21	pS3mutFa	Cy5-AATTCAAGCTTCGTGCCCGAGGGACGG
#22	pS3mutR	TCGACCGTCCCTCGGGGCACGAAGCTTG
#23	pS5mutFa	Cy5-AATTCAAGCTTTATTGTATATGGAGCAG
#24	pS5mutR	TCGACTGCTCCATATAACAATAAAGCTTG
#25	pS6mutFa	Cy5-AATTCAAGCTTCGTCCCTCGCGGCAGGG
#26	pS6mutR	TCGACCCTGCCGCGAGGGACGAAGCTTG
#27	pS7mutFa	Cy5-AATTCAAGCTTTATTTTCATGAAGAGCGG
#28	pS7mutR	TCGACCGCTCTTCATGAAATAAAGCTTG
#29	pS8mutFa	Cy5-AATTCAAGCTTTATTTTCATGAAGCGCAG
#30	pS8mutR	TCGACTGCGCTTCATGAAATAAAGCTTG
#31	pS9mutFa	Cy5-AATTCAAGCTTTATTTTCATGAAGAGGAG
#32	pS9mutR	TCGACTCCTCTTCATGAAATAAAGCTTG
#33	pS10mutFa	Cy5-AATTCAAGCTTTATTTTCATAGAGAGCAG
#34	pS10mutR	TCGACTGCTCTCTATGAAATAAAGCTTG
#35	nonspecificF	Cy5-GATAGCTCTTGCCATTAAC
#36	nonspecificR	GTTAATGGCAAAGAGCTATC
SILENCING		
#37	parS1/4Fb	AGCTTGTTGCTTGTTCCACGTGGAACCAGGCCG
#38	parS1/4Rb	TCGACGGCCTGGTTCACGTGGAACAGCAACA
#39	parS2/3Fb	AGCTTGTTGCTTGTTCCACGTGGAACAAGGCCG
#40	parS2/3Rb	TCGACGGCCTTGTTCCACGTGGAACAGCAACA
#41	parS5Fb	AATTCAAGCTTTGTTCTACATGGAACAG

#42	parS6Fb	AATCAAGCTTCGTTCCACGTGGAAGAG
#43	parS7Fb	AGCTTGTTGCTTGTTCCACGAGGAACGAGGCCG
#44	parS7Rb	TCGACGGCCTCGTTCCCTCGTGGAACAGCAACA
#45	parS8Fb	AATCAAGCTTTGTTCCACGAGGCACAG
#46	parS9Fb	AATCAAGCTTTGTTCCACGAGGAAGAG
#47	parS10Fb	AATCAAGCTTTGTTCCACAGGGAACAG
#48	pS1mutFb	AATCAAGCTTTATTTTCATGTAGAGCCG
#49	pS2mutFb	AATCAAGCTTTGTTTCATGTAGAGCAG
#50	pS3mutFb	AATCAAGCTTCGTGCCCCGAGGGACCG
#51	pS5mutFb	AATCAAGCTTTATTGTATATGGAGCAG
#52	pS6mutFb	AATCAAGCTTCGTCCCTCGCGGCAGGG
#53	pS7mutFb	AATCAAGCTTTATTTTCATGAAGAGCGG
#54	pS8mutFb	AATCAAGCTTTATTTTCATGAAGCGCAG
#55	pS9mutFb	AATCAAGCTTTATTTTCATGAAGAGGAG
#56	pS10mutFb	AATCAAGCTTTATTTTCATAGAGAGCAG
PCR		
#57	parS1F	GCGAATCAAGCGGCCTGCACCGTATTC
#58	parS1R	CGGTCGACCTTGTCACCGCTCGGTAGT
#59	parS2F	GCGAATTCGCAGCGTGCGGATCTTCGCA
#60	parS2R	CGGTCGACGGCGTGGAGGACGGTCATGA
#61	parS3F	GCGAATCCGACGAAGTATGCTCGACC
#62	parS3R	CGGTCGACGGGGAAGCACTTGGACAGGT
#63	parS4AR	GCGAATCCCGACAATACCCACGAACCCC
#64	parS4AF	CGCCATGGTCACCGTTCAGGCTTCGCTG
#65	parS4BF	GCCCATGGCCAGGCATGAGCCACTGATC
#66	parS4BR	CGCTCGAGGAAACCACGGAACGCCGCTT
#67	parS5F	GCTCTAGATAACGCCCTGTCACCGACGG
#68	parS5R	CGCCCGGGTATCGGATCGCCGGCTGACC
#69	parS6F	GCGAATTCGCGAGCCTCGCGACAAGCTT
#70	parS6R	CGGTCGACTCCCGCGCCGCCATGAGAAT
#71	parS7F	GCGAATTCGGCCTCGACGAGCTTCTGGA
#72	parS7R	CGCCATGGCGCGATTGGCCCACAATAGC
#73	parS8F	GCGAATTCTGCAGGACGACATGAGCACCTCTA
#74	parS8R	CGCCATGGTCGTGGGGGAAATTGACGTCGTCGA
#75	parS9F	GCGAATTCGGAGACCAATGTCAGCCAGC
#76	parS9R	CGGTCGACTGCCACTGGTGGTGCCGATTC
#77	parS10F	GCGAATCCCTGGGAGGCGTTCTTCCGT
#78	parS10R	CGCCATGGACGAAGTGGCCGCTGGCGAT
PCR-based site directed mutagenesis		
#79	pS1mutF	TGGGGAGTATTT <u>CATGTAGAG</u> CCTCGGTTTCTGCCC
#80	pS1mutR	CAGAAACCGAGGCTCT <u>TACATGAA</u> ATACTCCCAATC
#81	pS2mutF	CGCCGGTATCCATGTTT <u>CATGTAGAG</u> CATGGAAAAGTCTC
#82	pS2mutR	GAGACTTTTCCATGCTCT <u>TACATGAA</u> ACATGGATAACCGCG
#83	pS3mutF	CGTTCGGACGTG <u>CCCCGAGGG</u> ACGTCGGCGCGCAGCATA
#84	pS3mutR	TATGCTGCGCGCCGACGTCC <u>CTCGGGG</u> CACGTCCGAACG

#85	pS5mutF	CCAGGCC <u>CCGGG</u> GCTGGTCGCTATTGTATATGGAGCAGCAGG ACCT
#86	pS5mutR	TCCTGCTGCTCCATATAAAATAGCGACCAG <u>CCCCGGC</u> CCTGG GCA
#87	pS6mutF	CATACTCCAGGCGTCC <u>CTCGCGG</u> CAGGTGGCGAGGCC
#88	pS6mutR	GGCCTCGCCACCTG <u>CCGCGAGGG</u> ACGCCTGGAGTATG
#89	pS7mutF	GCACACCAAGCTATTTTCATGAAGAGCGCGAGCGT <u>CCGGT</u> GT TCGTCC
#90	pS7mutR	GGACGAAC <u>ACCGG</u> ACGCTCGCGCTCTTCATGAAATAGCTTG GTGTGC
#91	pS8mutF	CGGCTCGCGATACTTCGTCGCGCCCTTCTATTTTCATGAAGC GCAGAACGTC
#92	pS8mutR	GTTCTGCGCTTTCATGAAATAGGAAGGGCGCGACGAAGTATC <u>GCGAGCCGACG</u>
#93	pS9mutF	AGAAGGGAGATCTGAAGGACAGCCGGGTATTTTCATGAAGA GGAACAGCATC
#94	pS9mutR	GCTGTTCTCTTCATGAAATACCCGGCTGTCCTTCAGATCTC CCTTCTGGT
#95	pS10mutF	CCGCTGGTC <u>ACCGGT</u> TGCCTATTTTCATAGAGAGCATTCCGG TGCCC
#96	pS10mutR	CACCGGATGCTCTCTATGAAATAGGCA <u>ACCGGT</u> GACCAGCG GCTG
#97	pS7-2modF	CACCAAGCTGTTCC <u>CACGTG</u> GAAACACGAGCGACCGGTG
#98	pS7-2modR	CACCGGTCGCTCGTGTTC <u>CACGTG</u> GAAACAGCTTGGTG

Sequences corresponding to the *parS/parS** are in bold, the restriction sites destroyed or introduced during PCR mutagenesis are underlined.