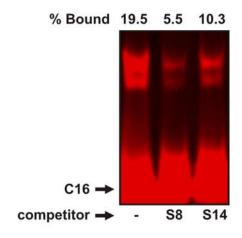
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AATGTGGACCCAGGCA AATGTGGACCCACGCA AATGTGGGCCCACGCA AATGTGGTCCCGCGCA AATGTGGACCCCACGC AATGTGGACCCCACGC AATGTGGACCCAGGCA AATGTGGACCCAGGCA AATGTGGACCCAGGCA AATGTGGACCCAGGCA AATGTGGACCCAGGCA CGAGTT CGGTGGACCCAGGCA AATGGGGCCCAATT AATAGGGAACCCAGCA AATGCGGACCCAGCA AATGCGGACCCAGGCA AATGCGGACCCAGGCA AATGTGGACCCAGCA AATGTGGACCCAGCA AATGTGGACCCATGCA AATGTGGACCCTAGCA AATGTGGACCCTAGCA AATGTGGCCCCCGCA AATGTGGTCCCACCCA AATGTGGTCCCACCCA AATGTGGTCCCCACCA AATGTGGTCCCCACCA AATGTGGTCCCCCCCCA AATGTGGTCCCCCCCCA AATGTGGTCCCCCCCCA AATGTGGTCCCCCCCCA AATGTGGTCCCCCCCCA AATGTGGTCCCCCCCCCA AATGTGGTCCCCCCCCCA AATGTGGTCCCCCCCCCA TCCCCCCCCCC	AAT GTGGACCCGG GCA	6
AATGTGGACCCGCGCA AATGTGGGCCCACGCA AATGTGGACCCCACGC AATGTGGACCCCACGC AATGTGGACCCCACGC AATGTGGACCCCAGCA AATGTGGACCCCAGGCA AATGTGGACCCGAGCA AATGTGGACCCGGATT CTGCGTGGACCCGGATT AATAGGGAACCCAGCA AATGTGGCCCGGATT AATGCGGACCCGGCA AATGTGGACCCGGCA AATGTGGACCCGGCA AATGTGGACCCTGCA AATGTGGACCCTAGCA AATGTGGACCCTAGCA AATGTGGACCCTGGCA AATGTGGCCCCCGCA AATGTGGTCCCACGCA AATGTGGTCCCACGCA AATGTGGTCCCCACCA AATGTGGTCCCCCCCA AATGTGGTCCCCCCCA AATGTGGTCCCCCCCA AATGTGGTCCCCCCCCA AATGTGGCCCCCCCCCATT TGCATGGACCCCCAATT TGCATGGACCCCCAATT TTGCGTGGACCCCCCCCCC	AAT GTGGACCCCG CAG	4
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TGCGTGGACCCGGATT 2 TGCGTGGGCCCGAATT 2 AATAGGGAACCCAGCA 1 AATGAGGGCCCGTGCA 1 AATGCGGACCCGGGCA 1 AATGCGGACCCGGGCA 1 AATGTGGACCCATGCA 1 AATGTGGACCCATGCA 1 AATGTGGACCCTAGCA 1 AATGTGGACCCTGGCA 1 AATGTGGCCCCCGCA 1 AATGTGGCCCCCGCA 1 AATGTGGCCCCCGCA 1 AATGTGGCCCCCGCA 1 AATGTGGCCCCCGCA 1 AATGTGGCCCCCGCA 1 AATGTGGGCCCCGCA 1 AATGTGGTCCCACGCA 1 AATGTGGTCCCACGCA 1 AATGTGGTCCCACGCA 1 AATGTGGTCCCGCGCA 1 AATGTGGTCCCGCGCA 1 AATGTGGTCCCTCGCA 1 TGCATGGCCCCTTGCA 1 TGCATGGCCCCCACATT 1 TGCGTGGACCCCACATT 1 TGCGTGGACCCCACATT 1 TGCGTGGACCCCCACATT 1 TGCGTGGACCCCCACATT 1 TGCGTGGACCCCCACATT 1 TGCGTGGCCCCCCCATT 1 TGCGTGGGCCCCCCATT 1 TGCGTGGGCCCCCAATT 1	AAT GTGGACCCGA GCA	2
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AATGTGGGCCCGGGCA 1 AATGTGGGCCCTGGCA 1 AATGTGGGCCCACGCA 1 AATGTGGTCCCACGCA 1 AATGTGGTCCCAGGCA 1 AATGTGGTCCCGAGCA 1 AATGTGGTCCCGAGCA 1 AATGTGGTCCCGCGCA 1 AATGTGGTCCCGCGCA 1 AATGTGGTCCCTCGCA 1 AATGTGGTCCCTTGCA 1 AATGTGGCCCCTTGCA 1 TGCATGGCCCCACATT 1 TGCGTGGACCCGCATT 1 TGCGTGGCCCCGCATT 1 TGCGTGGCCCCCACATT 1 TGCGTGGCCCCCCACATT 1 TGCGTGGGCCCCCACATT 1		
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Oligonucleotide	Sequence
C16	T GTGGACCCGG G
clone S8	TGTGGACCCGG
clone S14	CGTGGACCCGGA



Supplemental Fig. 3. A, The sequences of 64 clones obtained after 3 rounds of selection with TCP16. The number of clones that contained the same sequence in the same orientation respective to the oligonucleotide arms is shown at the right. Bold letters indicate the region that contains variable nucleotides. B, Effect of arm sequences on TCP16 binding. EMSA showing the binding of TCP16 to labelled oligonucleotide C16 in either the absence or presence of a 20-fold molar excess of oligonucleotides containing the same core sequence in different orientations respective to the arms.