

Figure S1. Oligonucleotide substrates used in this study.

PST substrates

PST0-65: (T)_n -CGAATTCGAGCTCGGTACCC
GCTTAAGCTCGAGCCATGGG

Forked substrates

PST55-C10-55: (T)₅₅
CGAATTCGAGCTCGGTACCC
GCTTAAGCTCGAGCCATGGG
(C)_n

Gapped substrates

PST55-Gap0-30: TTCGAAACGTGCGCGCCCAT (T)₅₅ CGAATTCGAGCTCGGTACCC
AAGCTTTGCACGCGCGGGTA- (T)_n -GCTTAAGCTCGAGCCATGGG

ds55-Gap0-30:

ACACCGTTGCCGGTTTTTCAAGCGGGAAAAACAAAATCACCGTTAAGCTTGGCGT
TGTGGCAACGGCCAAAAGTTCGCCCTTTTGGTTTTAGTGGCAATTCGAACCGCA CGAATTCGAGCTCGGTACCC
TTCGAAACGTGCGCGCCCAT GCTTAAGCTCGAGCCATGGG
AAGCTTTGCACGCGCGGGTA- (T)_n -

Other substrates

ds60: TTCGAAACGTGCGCGCCCATAAAAAAAAAAAAAAAAAAAAACGAATTCGAGCTCGGTACCC
AAGCTTTGCACGCGCGGGTATTTTTTTTTTTTTTTTTTTTTTTTGGCTTAAGCTCGAGCCATGGG

T20ds40: TTTTTTTTTTTTTTTTTTTTTTTTTCGAAACGTGCGCGCCCATCGAATTCGAGCTCGGTACCC
AAGCTTTGCACGCGCGGGTAGCTTAAGCTCGAGCCATGGG

PST15-Gap20: TTCGAAACGTGCGCGCCCAT (T)₁₅ CGAATTCGAGCTCGGTACCC
AAGCTTTGCACGCGCGGGTATTTTTTTTTTTTTTTTTTTTTTTTGGCTTAAGCTCGAGCCATGGG