

Supporting Table S1. Molecular beacons used in transcription reactions

MB-A	deoxyribonucleotide backbone	5' fluorescein – <u>CGCTCG</u> CTCCCCGACCCAATTTCCACCTTCA <u>CGAGCG</u> – dabcy1 3'
MB-B	deoxyribonucleotide backbone	5' fluorescein – <u>GCGAGC</u> TCCTCCAGGCCATGCGCAAATACTC <u>GCTCGC</u> – dabcy1 3'
MB-C	deoxyribonucleotide backbone	5' fluorescein – <u>GCGAGC</u> AAAGGACCAGGCGCAACTAAATTCA <u>GCTCGC</u> – dabcy1 3'
MB-D	deoxyribonucleotide backbone	5' fluorescein – <u>GCGAGC</u> CTGGGATTAATAAAAATAGTAAGAATGTATAGC <u>GCTCGC</u> – dabcy1 3'
MB-E	deoxyribonucleotide backbone	5' tetrachlorofluorescein – <u>CGAGC</u> TTTTCGATACCCCGGATGTCAT <u>GCTCGC</u> – dabcy1 3'
MB-F	deoxyribonucleotide backbone	5' fluorescein – <u>CGCAC</u> TCTGGTCTAAAAGTTTATT <u>GTGCG</u> – dabcy1 3'
MB-G	deoxyribonucleotide backbone	5' tetrachlorofluorescein – <u>CGCACC</u> TCTGGTCTAAAAGTTTATT <u>GGTGCG</u> – dabcy1 3'
MB-H	deoxyribonucleotide backbone	5' fluorescein – <u>CCGACG</u> CCGACAGCGGGTTGTT <u>CGTCGG</u> – dabcy1 3'
MB-I	deoxyribonucleotide backbone	5' fluorescein – <u>CGCTCG</u> TTTTTTTTTTTTTTTTTTTT <u>CGAGCG</u> – dabcy1 3'
MB-J	deoxyribonucleotide backbone	5' tetrachlorofluorescein – <u>CGCACC</u> GAAATGACTGAACGTCCGATA <u>GGTGCG</u> – dabcy1 3'
MB-K	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CGAGC</u> UCAGCUGGCUGGUGC <u>GCUCG</u> – dabcy1 3'
MB-L	2'-O-methylribonucleotide backbone	5' fluorescein – <u>CCACG</u> CUUGUGGGUCAACCCC <u>CGUGG</u> – dabcy1 3'
MB-M	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CGUC</u> UGUCUUUAGGUCUGGUCU <u>GACG</u> – dabcy1 3'
MB-N	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CGCU</u> CCAGUGCAUGCAGGGCC <u>AGCG</u> – dabcy1 3'
MB-O	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CGCU</u> AUCAAUGAGGAAGCUGCAGAAUGGGA <u>AGCG</u> – dabcy1 3'
MB-P	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CCAG</u> GGAAGCUGCAGAAUGGGA <u>CUGG</u> – dabcy1 3'
MB-Q	2'-O-methylribonucleotide backbone	5' tetrachlorofluorescein – <u>CGCU</u> UUUUCGAUACCCCGGAUGUCAU <u>AGCG</u> – dabcy1 3'
MB-R	2'-O-methylribonucleotide backbone	5' fluorescein – <u>CGAGC</u> UUUUCGAUACCCCGGAUGUCAU <u>GCUCG</u> – dabcy1 3'