

Supplementary Materials

Table S1. List of top 20 sequences from the selection process.

Class	Random Sequence ¹	Copies
	N ₄₀	
GP 1	GGGAGCATCATTCTGAGTGTATGTGGATTGATACGTCTG	934
GP 2	GGTGTGGCCCGTGGTGTCACTAATGAAGGGATTCATTTCA	713
GP 3	GGCAGCCGATGTTCAATATATTAGTACTCAGCGACTACT	252
GP 4	GGCACATGACCGTTGATTTTCGCAGTCCGTCATGCGATG	233
GP 5	GGGGGCATCTAGCCGCGATTATAGCACACTGGTTGTTTCA	220
GP 6	TCACGTACTGGATATACAGCCTGAGGATCCTGAGGTGGTA	200
GP 7	GGGAGCATCCGTATGTGGTCTAAGTCCGTGGGGTACTCTT	177
GP 8	GGGAGCAGTGTTCAAAACCGAGTAGAATTTGTCACCATCTT	177
GP 9	GGCACGCAATATGCACTCTCTGAGTCTATAGTACGGACT	162
GP 10	GGCACCAATGAAGTGTATATCATATCGGCTATTGGCGTAA	147
GP 11	GGCACCGAAAACATGTGCTAGTCTAATGTTGAGGCGTTAA	146
GP 12	GGGCCGACCAATATTAAGTGTGTTAATTTGGCCAGATCT	141
GP 13	GGCGCAGTCTTGATGATCTCTAGACCATAGATACTCCGAT	137
GP 14	GGGAGCACTCAATTCGACAAAGAGTATTTGAGCGTTCAA	132
GP 15	GGGAGCCAAGGGTGAGTATCTATCATCTCAACGTCCTCAT	131
GP 16	GGGAGCACAAATAGGTATGTACATCATAGTATTGCCTTCT	123
GP 17	GGCAGCAAACCTTTCTAGGCACAGTTGAAGGTTCTGCTGAT	120
GP 18	GCAGGCACAGAAAGAGATTACAATCCGATACTGCGTCCTA	120
GP 19	GGGATCCATTTGCAGAGATATTTGTCTGGCTTTGGCTCAT	118
GP 20	GGGCAGTGCAGTTCTAACACTATGCTAGTACCAGCTACTT	118

¹ Each sequence is written in a 5' to 3' direction; only the random portion of each aptamer was shown; each aptamer also contained GGAGGCTCTCGGGACGAC at the 5' end and TCGTCCCGATGCTGCAATCGTAA at the 3' end.