

Number of hits in screen	Sequence
3462	ACACATGTAGTTGTAGTGGATGGTGGTcatctctggatccagcagACCACCATCCACTACAACACTACATGTGT
1959	GCGCTGCTCAGATAGCGATGGTCTGGatctctctggatccagcagGGTGACCATCGCTATCTGAGCAGCGCT
486	ACTGTTGAATTTTCTCTAACTCAAGGatctctctggatccagcagCCTTGAAGTTAGAGAAAAATCAACAGT
163	AGTGGAGAATGTCAGTCTGAGTCAGGCatctctctggatccagcaGCCTGACTCAGACTGACATTTCTCCACT
113	ACCTTCGGTCTCATCTCTGGATCCAGCCatctctctggatccagcaGGCTGGATCCAGAGATGAGACCGAAGGT
91	AGTGAGGGACAGCTTCCCTGGTTAGTCatctctctggatccagcaGACTAACCAGGGAAGCTGTCCCTCACT
37	CCAGGACTTCCATTTGCTTTGTCCCGatctctctggatccagcagCGGGACAAAGCAAATGGAAGTCCTGG
32	ACACATGTAGTTGTAGTGGATGGTGGTACCACCATCCACTACAACACTACATGTGTA
32	GGGTCTAGCGGGATCCACTAGTAACGGatctctctggatccagcagCCGTTACTAGTGGATCCCGCTAGAC
30	TCGAGATGTTCCGAGAGCTGAATcatctctctggatccagcagCCTCATTCAGCTCTCGGAACATCTCGA
19	CCCGGGCTCCACTGAACAAGTTGatctctctggatccagcagCAACTTGTTCAGTGGAGCCCCGGG
18	TGTGATGATGGTGAAGATGGGCCTCCcatctctctggatccagcagCGAGGCCCATCCTCACCATCATCACA
15	CCTGCATGGGCGGCATGAACCGAGGatctctctggatccagcagCCTCCGGTTCATGCCGCCATGCAGGA
14	GTTAGAGAAAAATCAACAGCGAGGGACatctctctggatccagcagGTCCCTCACTGTTGAATTTTCTCTAAC
10	ATTGGAAGTGGTTGCAATCTGGATTGAGCgaccagGCTGAATCCAGATTGCAACCCTTCCAAT
8	ATGAGACCTTCGGTCTCATCTCTGGAcatctctctggatccagcagaTCCAGAGATGAGACCGAAGGTCTCAT
7	CTCACAAATTCGGAGTCTCTGGATCCCaGGGATCCAGAGACTCCAGAATTGTGAG
7	CTGGGAAGGGACAGAAGATGACAGGGGatctctctggatccagcagCCCCTGTCATCTTCTGTCCCTTCCCAG
6	ACATTATTTTCAATTAACCTCACAAATcatctctctggatccagcagATTGTGAGGGTTAATGAAATAATGTA
6	CCACTCGGATAAGATGCTGAGGAGGGGatctctctggatccagcagCCCCTCCTCAGCATCTCATCCGAGTGG
6	CCATGTAATAAAAAGGTGGTTTCAAGGCatctctctggatccagcagCCTTGAAACCACCTTTTATACATGG
5	CCCTTCAGATCCGTGGGCGTGAGCGatctctctggatccagcagCGCTCACGCCACGGATCTGAAGGG
3	GACAGCCAAGTCTGTGACTTGACGTCatctctctggatccagcagACGTGCAAGTCACAGACTTGCGCTG
3	G TTCACAAGCAGGTGGTTGAGAGTGCTTAgaccagTAAGCACTCTCAACCACCTGCTTGTGAAC
2	TACAATCAGCCACATTTAGGTAGGGGCatctctctggatccagcaGCCCTACCTAGAATGTGGCTGATTGTA
2	GTCGAGCGGCCCGGTGTGATGGATCatctctctggatccagcagATATCCATCACACTGGCGGCCGCTCGA
2	TGAGACCTTCGGTCTCATCTggatccagcaggtccagagatgAGACCGAAGGTCTC
2	TGATGGTGAAGATGGGatctctctggatccagcagCCCATCCTCACCATCATCACACTGGAA
2	TGGGAGCGTTCATCTGGACCTAACAAATCatctctctggatccagcaGATTGTTAGGTCCAGATGAAGCTCCCA
2	TTACGGTCTCATCTCTGGACCcagcatctctGGATCCAGAGATGAGACCGAA
1	AAACTCATGTTCAAGACAGAAGGGatctctctggatccagcagCCCTTCTGTCTTGAACATGAGTTTCTTA
1	GTGACTGCTTGTAGATGGCCATGGCcatctctctggatccagcagGCCATGGCCATCTACAAGCAGTCACA

**Supplementary figure 6. Sequences that have been scored as hairpins in screen.**  
Lowercase letters signify hairpin loop.