

**Table 1.** Sequences and Relative Stat3-DNA Binding Affinities of Stat3 Decoy and Mutant Control Decoys

			<u>Relative Binding to STAT3</u>
STAT3 Decoy (hS1 E)	5' - CATTCCCGTAAATC- 3' 3' - GTAAAGGGCATTAC- 5'		++++
SIE	5' - CAGTCCCTTAAATC- 3' 3' - GTCAGGGGAATTTAG- 5'		++
	<u>Mutants of STAT3 Decoy</u>	<u>Number of Base Pair Mutations</u>	
Mit ant 1	5' - CAGTCCCGTAAATC- 3' 3' - GTCAGGGCATTAG- 5'	1	+++
Mit ant 2	5' - CATTTCACGTAAATC- 3' 3' - GTAAAGTGCATTAG- 5'	1	+
Mit ant 3	5' - CATTCCCTTAAATC- 3' 3' - GTAAAGGGAATTTAG- 5'	1	-
Mit ant 4	5' - CATTCCCGTCAATC- 3' 3' - GTAAAGGGCAGTTAG- 5'	1	++
Mit ant 5	5' - CAGTTCACGTAAATC- 3' 3' - GTCAAGTGCATTAG- 5'	2	++
Mit ant 6	5' - CAGTCCCGTCAATC- 3' 3' - GTCAAGGGCAGTTAG- 5'	2	+
Mit ant 7	5' - CATTTCACGTCAATC- 3' 3' - GTAAAGTGCAGTTAG- 5'	2	+
Mit ant 8	5' - CATTCCCTTCAATC- 3' 3' - GTAAAGGGAAGTTAG- 5'	2	+++
Mit ant 9	5' - CAGTTCACGTCAATC- 3' 3' - GTCAAGTGCAGTTAG- 5'	3	+/-
Mit ant 10	5' - CAGTCCCTTCAATC- 3' 3' - GTCAAGGGAAGTTAG- 5'	3	+/-

Key: Underlined bases = Bases mutated from Stat3 decoy