

Figure 1

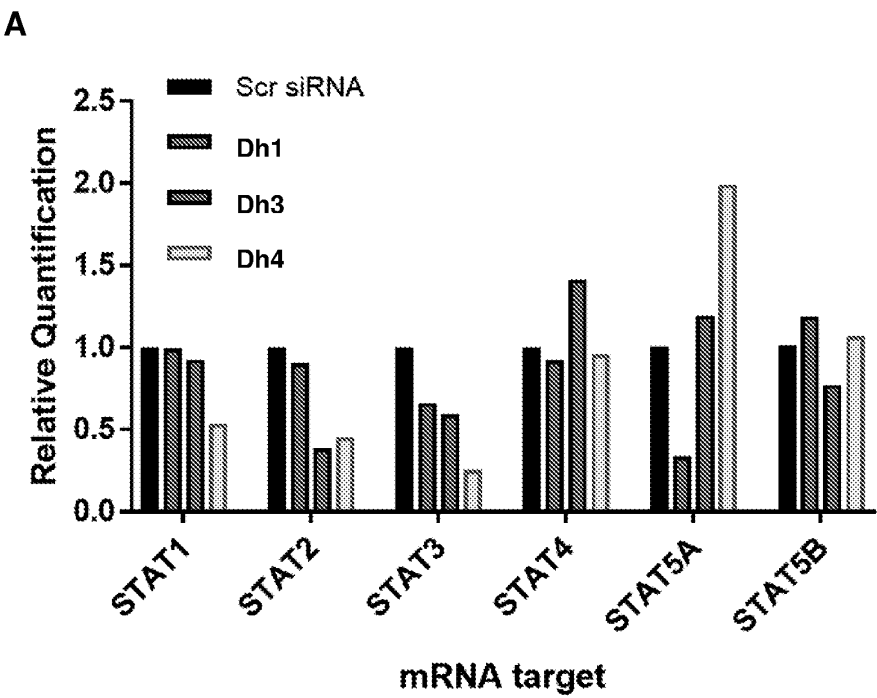


Figure 2

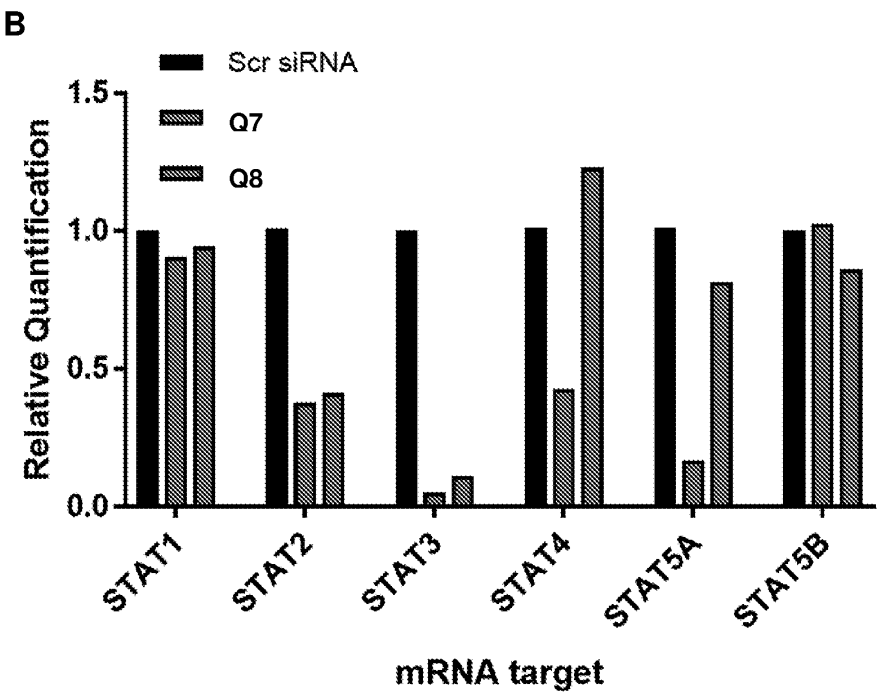


Figure 2 (Continued)

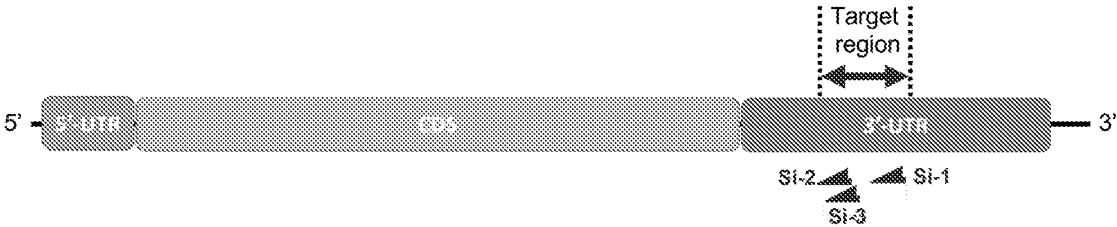


Figure 3

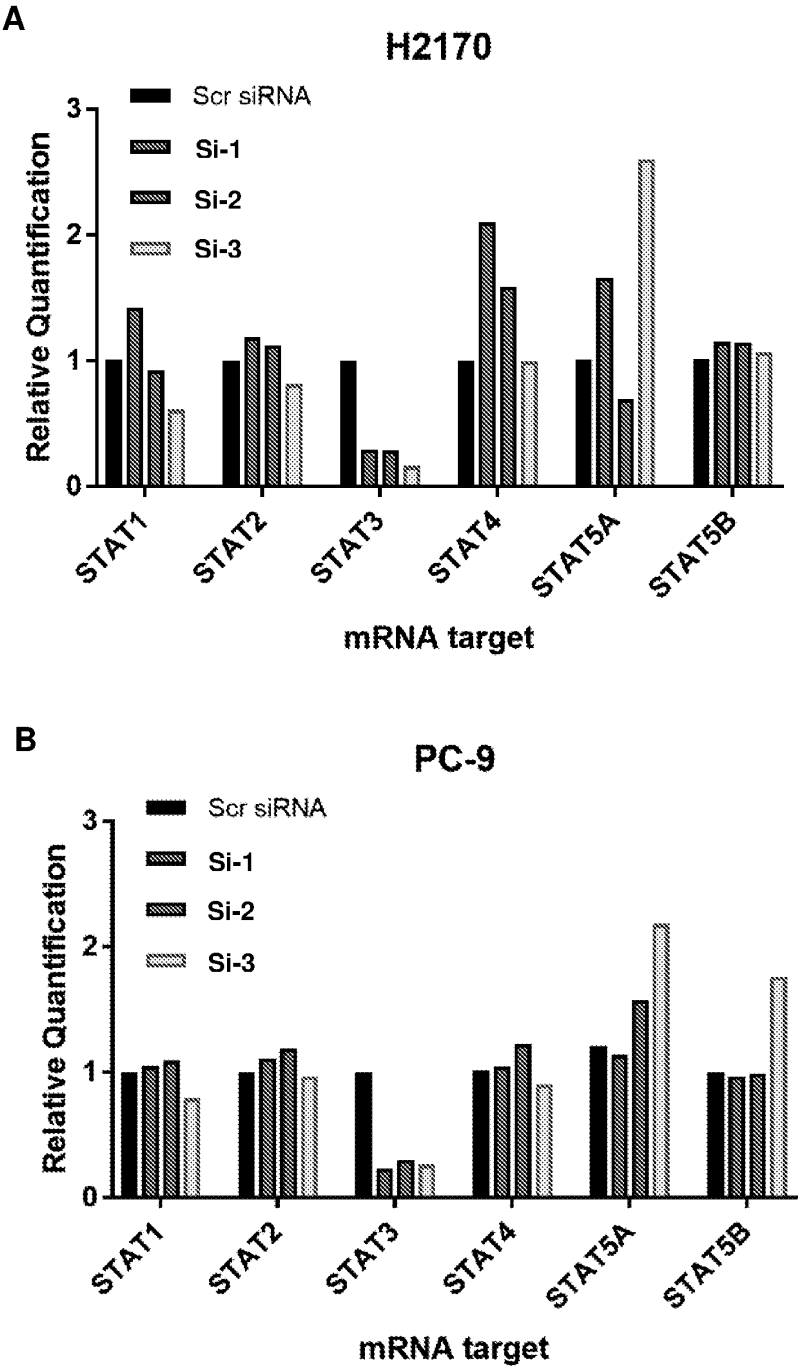


Figure 4

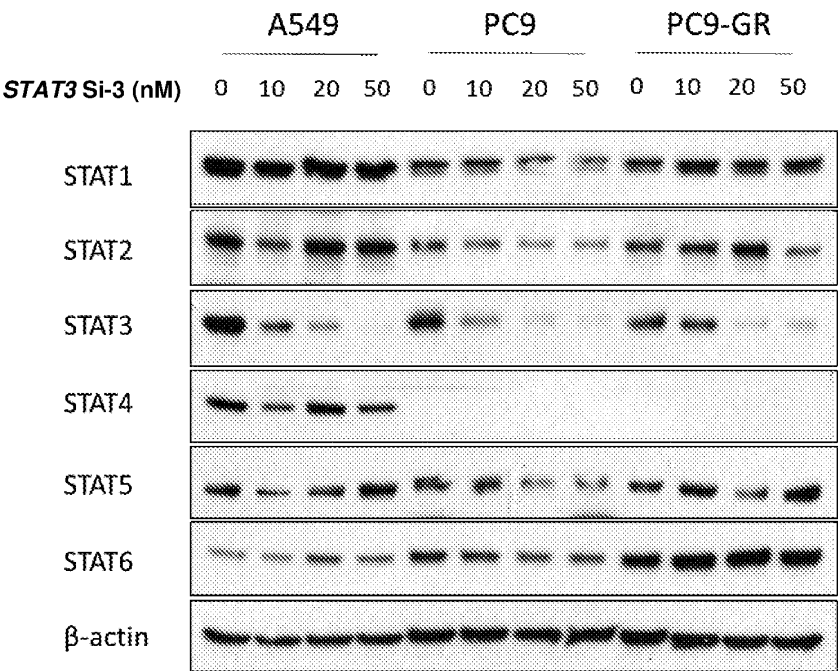


Figure 5

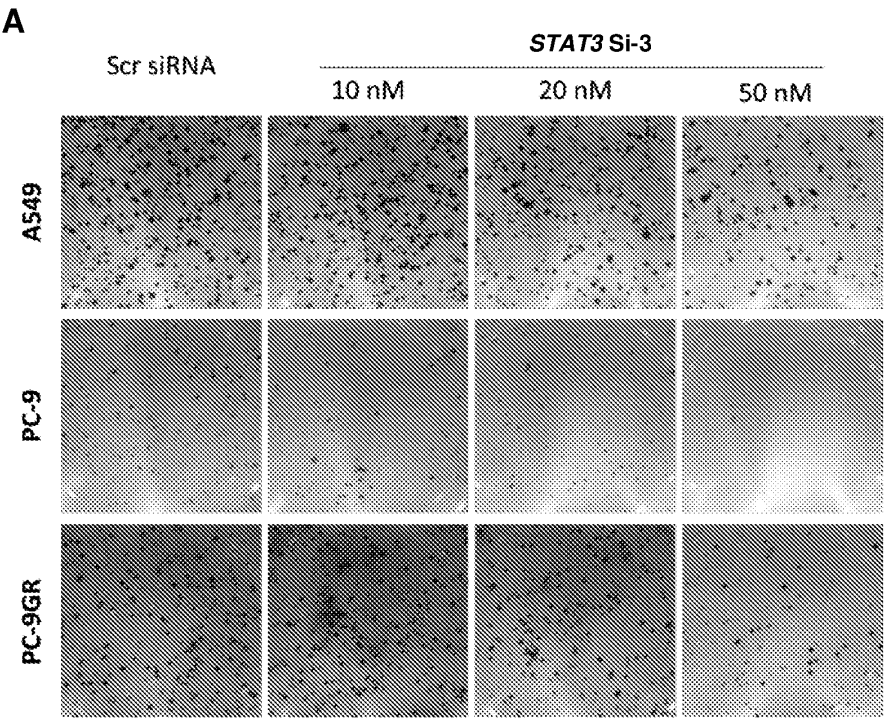


Figure 6

B

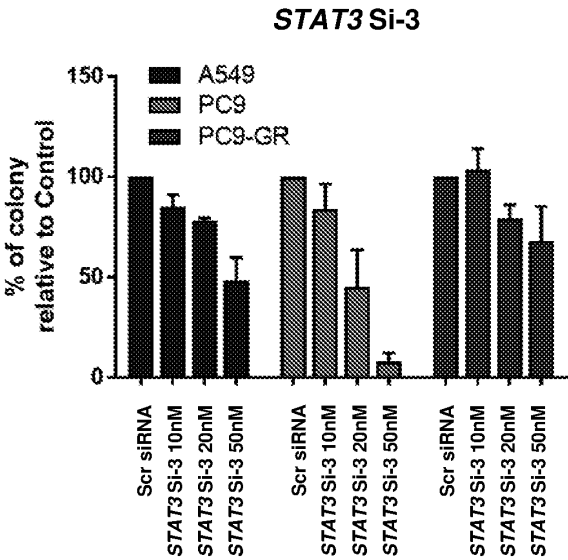


Figure 6 (Continued)

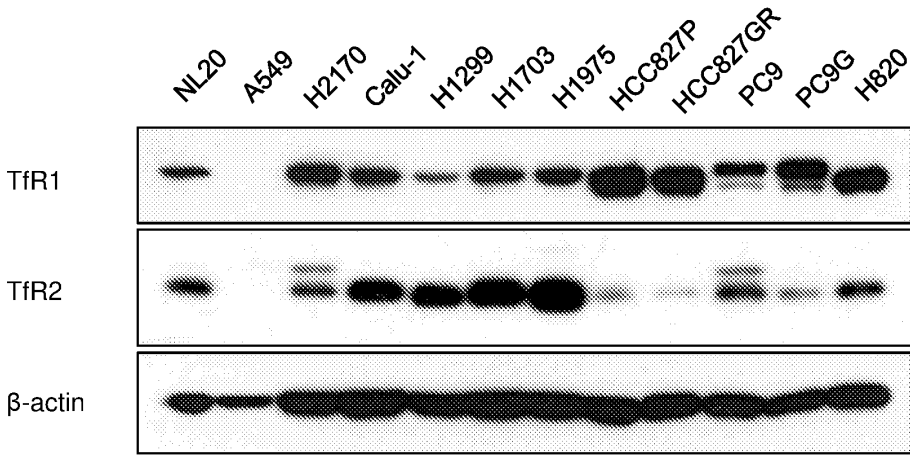


Figure 7

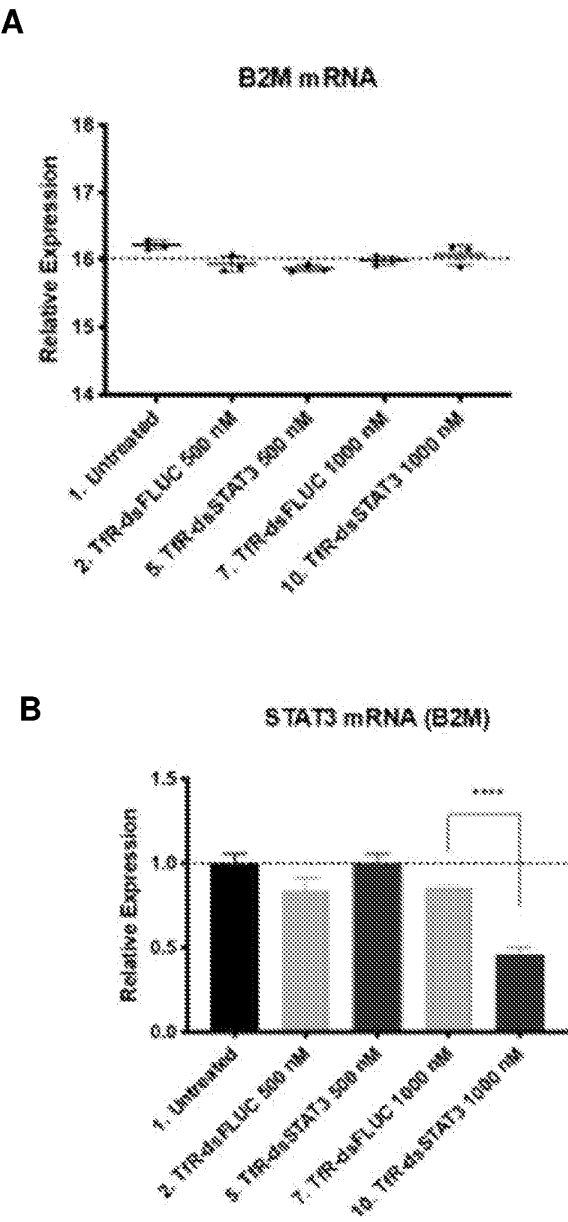


Figure 8

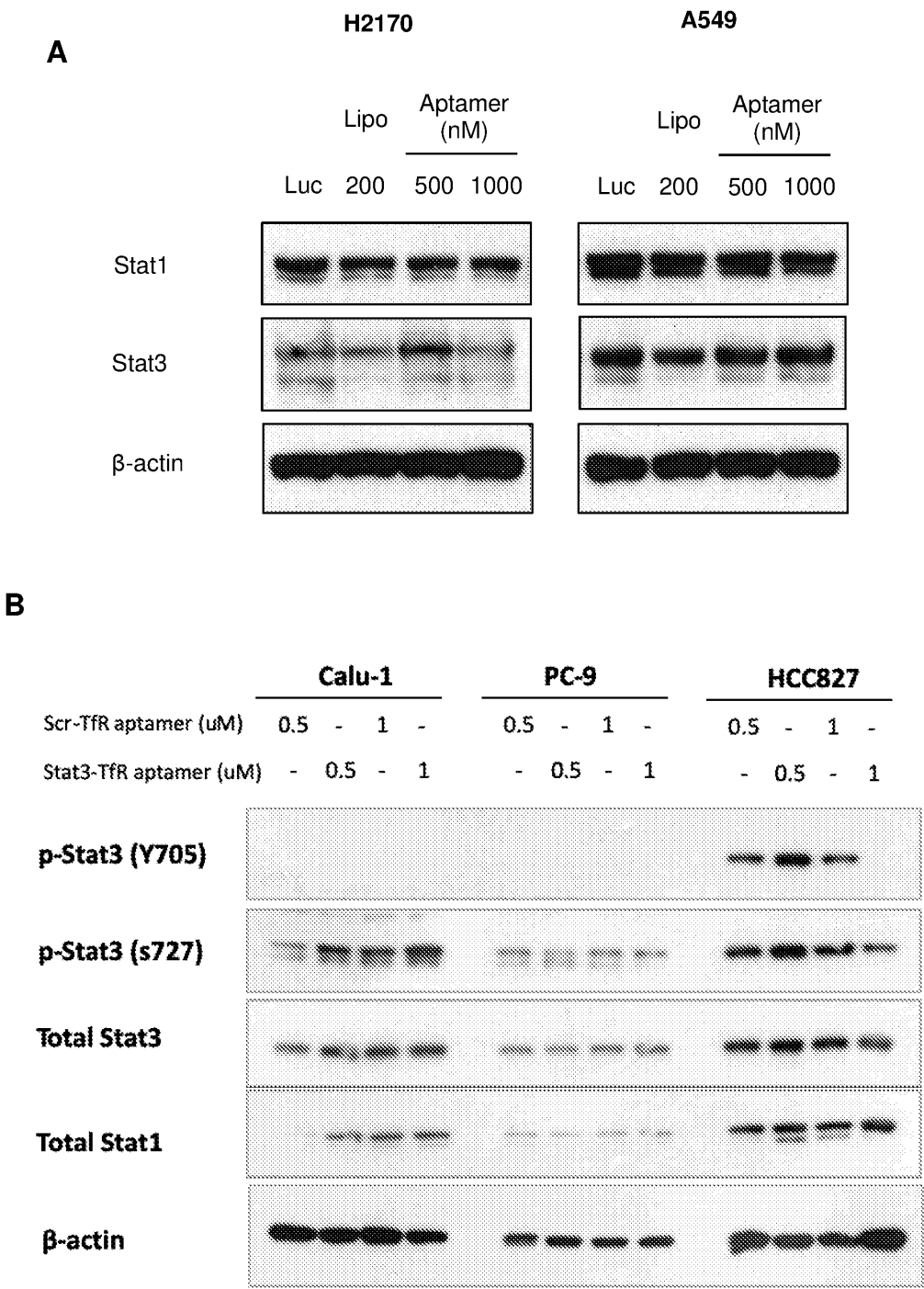


Figure 9

Sequences producing significant alignments									
☒ select all 17 sequences selected Download Manage Columns Show 100  Distance tree of results									
GenBank Graphics									
Description									
Max Score	Total Score	Query Cover	E value	Per. Ident	Accession				
☒	150	100%	2e-34	100.00%	NM_133276.3				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 1, mRNA									
☒	150	100%	2e-34	100.00%	NM_003150.4				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 2, mRNA									
☒	150	100%	2e-34	100.00%	NM_213652.2				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 3, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369510.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 11, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369512.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 10, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369518.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 9, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369517.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 8, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369516.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 7, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369514.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 6, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369513.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 5, mRNA									
☒	150	100%	2e-34	100.00%	NM_001369512.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant 4, mRNA									
☒	150	100%	2e-34	100.00%	XM_017024973.2				
PREDICTED: Homo sapiens signal transducer and activator of transcription 3 (STAT3), transcript variant X8, mRNA									
☒	150	100%	2e-34	100.00%	NM_0013701.1				
Homo sapiens signal transducer and activator of transcription 3 (STAT3), PRefSeqGene (LOC_112) on chromosome 17									
☒	150	100%	2e-34	100.00%	AY572796.1				
Homo sapiens signal transducer and activator of transcription 3 (acute-phase response factor) (STAT3) gene, complete cds									
☒	150	100%	2e-34	100.00%	BC030944.2				
Homo sapiens signal transducer and activator of transcription 3 (acute-phase response factor), mRNA (cDNA clone IMAGE36148.1)									

Figure 10

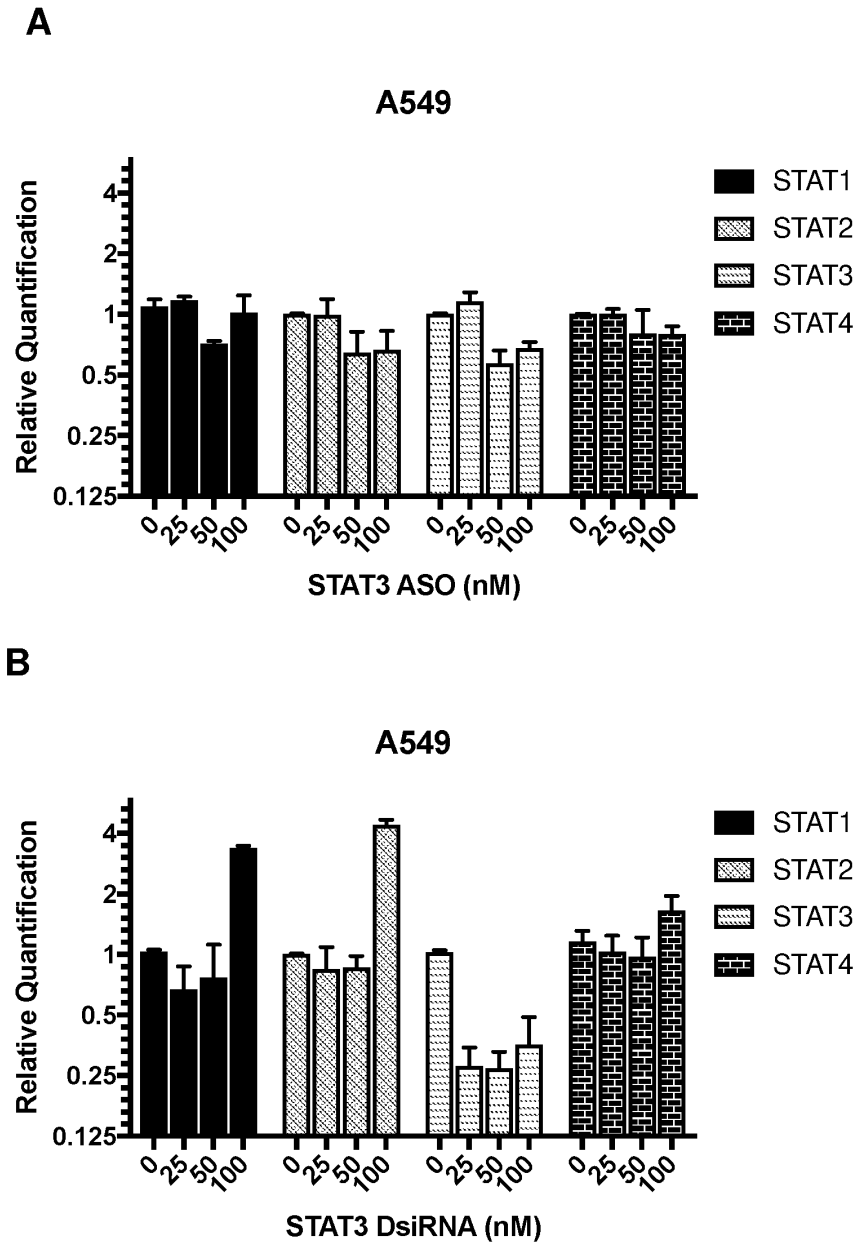


Figure 11

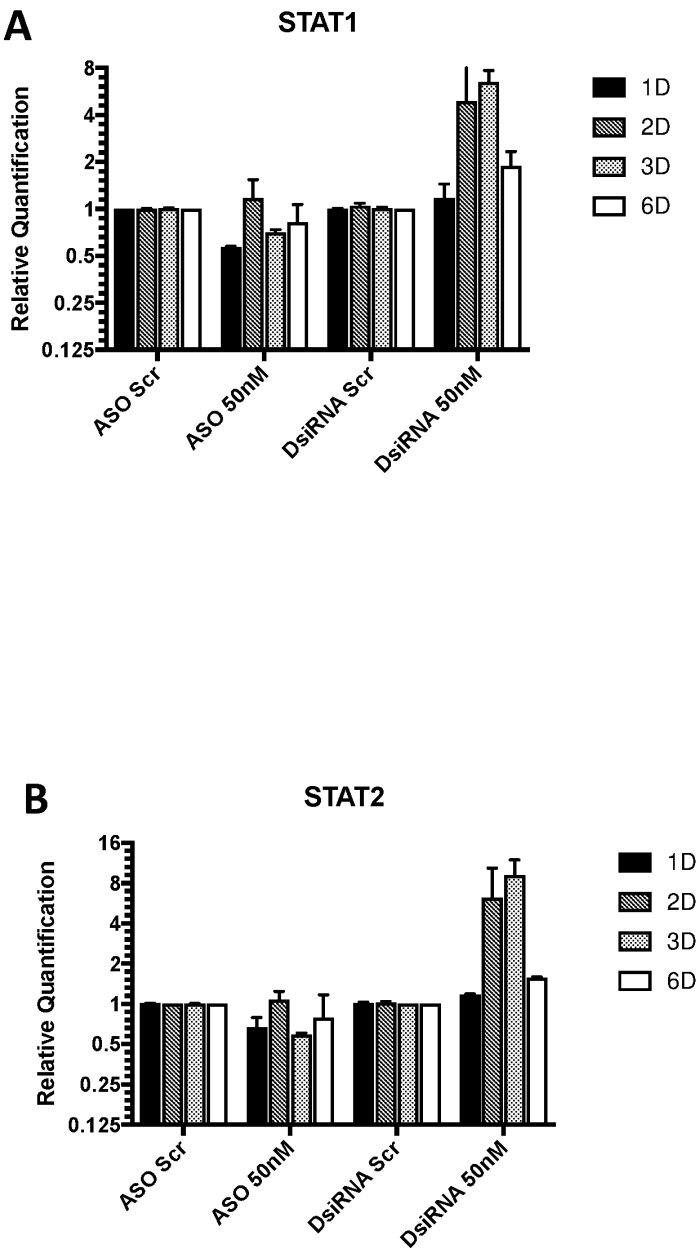


Figure 12

11/15

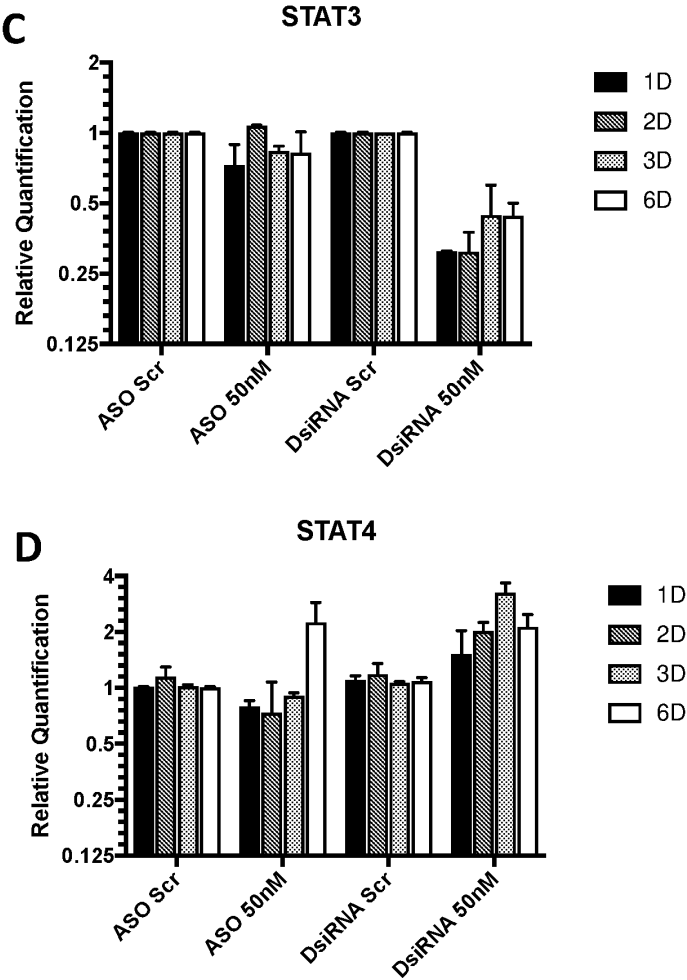


Figure 12 (Continued)

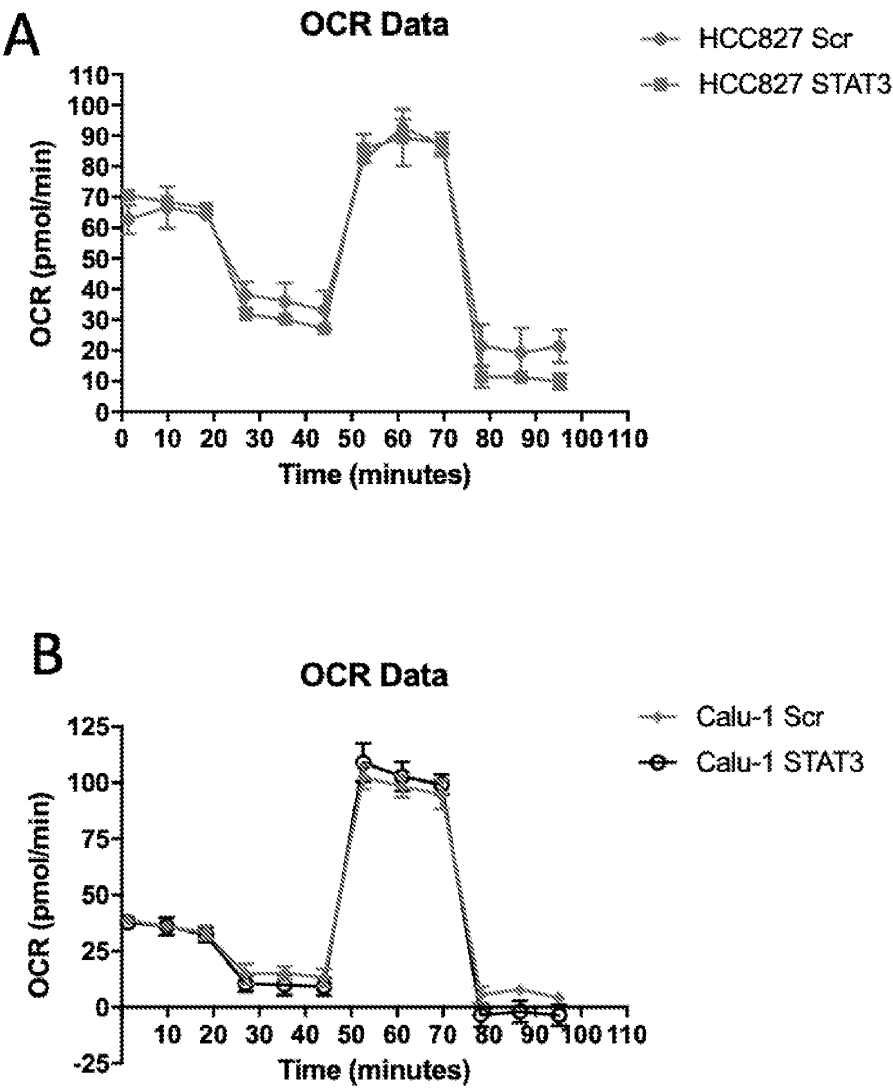
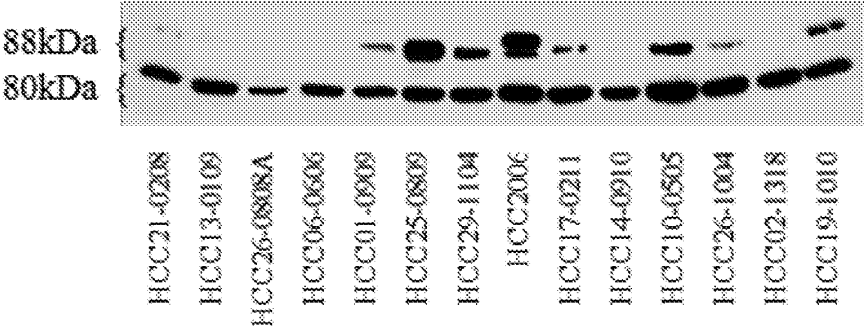


Figure 13

A



B

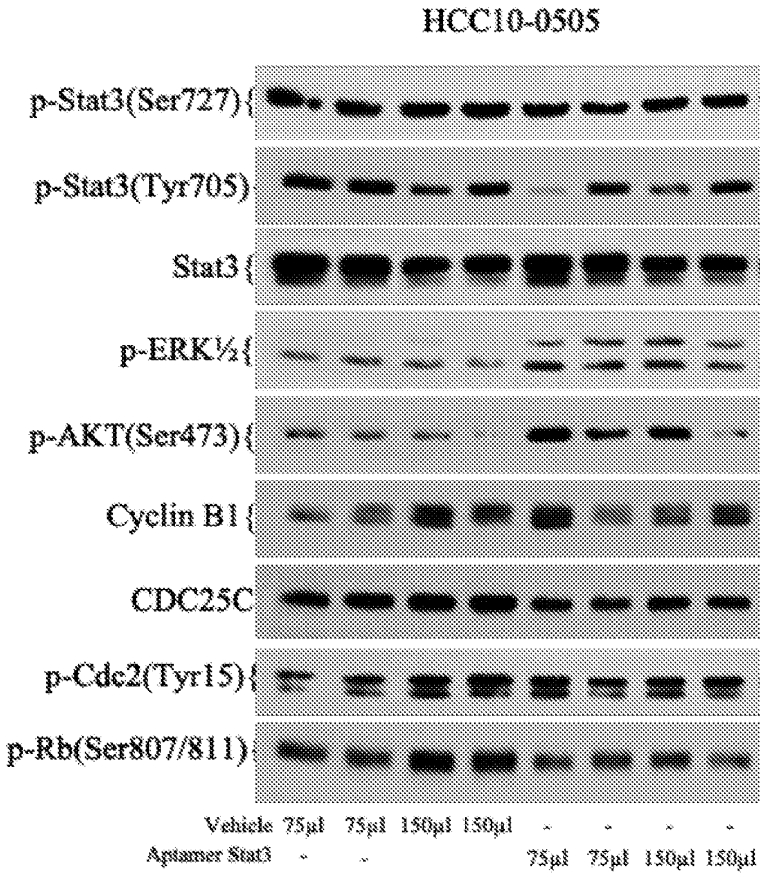


Figure 14

C

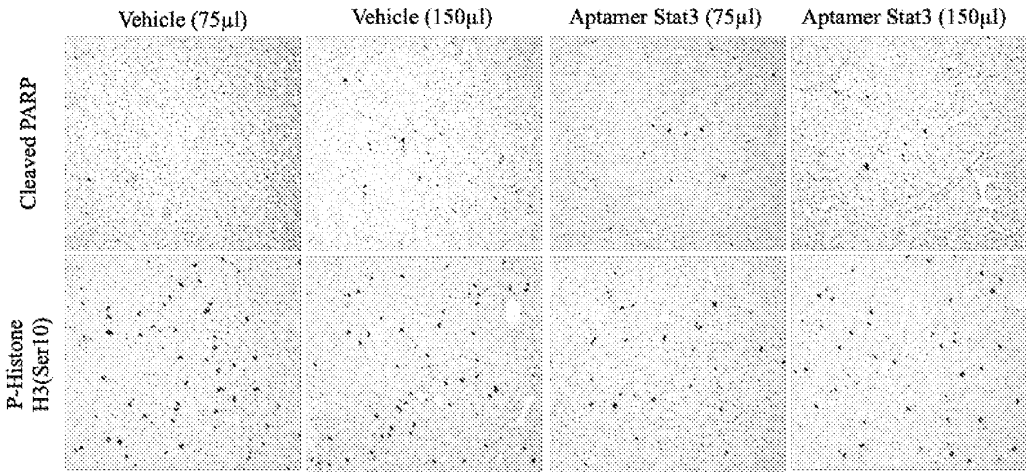


Figure 14 (Continued)

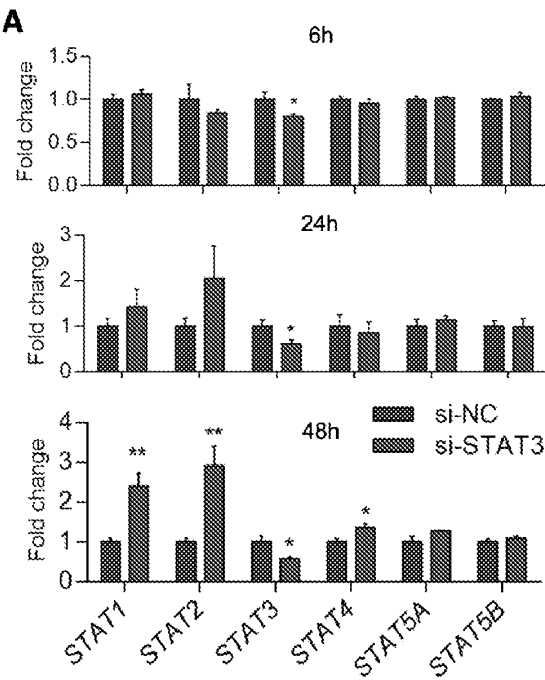


Figure 15

B

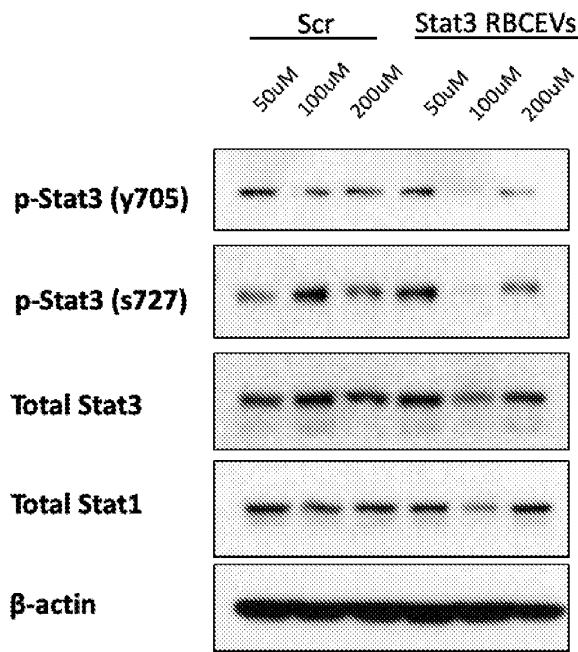


Figure 15 (Continued)