

Name	Sequence	Function
Adeno A	5'-CTTTCTACCGTTATCGTGGCGCTAATTACAGCGGGATTATAAGTCTTTTGGACCAGCTGATCGAAGAG	5' adenovirus probe
Adeno B	5'-GTA CTGGCTGATAATCTTCCACCTCCGTATCTGCTTATGTCGCCCCGCGCCTCACCTTTCCC GGCAG	adenovirus probe
Adeno C	5'-CCC GAGCAGCCGGAGCAGTCGATAGTCACGGCTACTCAGTGACGACGAGGATGAAGAG G	adenovirus probe
Adeno D	5'-GTGAGGAGTTTGTGTTAGATTATGTGGAGCGATCTGCGAGACCGTATGAGGACCTGTGG CATGTTTGTCTACA	adenovirus probe
Adeno E	5'-GTAAGTGAAAATTATGGGCAGTCGGTGCCTCAATGCTGCTGCTGTACTACGGTTTAAAGA ATTTTGTATTGTGATTTTTTAAAAG	adenovirus probe
Adeno F	5'-GTCCTGTGTCTGAACCTGAGCCTTTCTCGACCGTTAGCAAAG	3' adenovirus probe
Actin A	5'-CTTTCTACCGTTATCGTGGCTCCACTAAATAGACGCACCCGCCGCCAGCTCACC	5' actin probe
Actin B	5'-ATGGATGATGATATCGCCGCGTATCTGCTTATGTCGCCCCGCGCCCCAGGCACCAG	actin probe
Actin C	5'-GGCGTGATGGTGGGCATGGAGTCGATAGTCACGGCTACTGCCAGAGCAAGAGAGGCAT CC	actin probe
Actin D	5'-TCACCCTGAAGTACCCCATCGAGCTTTCTCGACCGTTAGCAAAG	3' actin probe
Actin A 55C	5'-CTTTCTACCGTTATCGTGGCTCCACTAAATAGACGCACCCGCCGCCAGCTCACC	5' actin probe
Actin B 55C	5'-ATGGATGATGATATCGCCGCGTATCTGCTTATGTCGCCCCGCGCCCCAGGCACCAG	actin probe
Actin C 55C	5'-GGCGTGATGGTGGGCAAGTCGATAGTCACGGCTACTCCAGAGCAAGAGAGGCATCC	actin probe
Actin D 55C	5'-TCACCCTGAAGTACCCCATTTCTCGACCGTTAGCAAAG	3' actin probe
Forward primer	5'-CTTTCTACCGTTATCGTGGC	sense primer
Reverse primer	5'biotin-GTTTCTTCTTTGCTAACGGTCGAGAAA	antisense primer
CircTemp	ACGATAACGGTAGAAAGCTTTGCTAACGGTCGAG	circularization template
Adeno DO	5'FITC-CGCTAATTACAGCGGGATTATAA	decoding probe

Name	Sequence	Function
Actin DO	5'FITC-GGCTCCACTAAATAGACGCA	decoding probe
Exon B DO	5'Cy5-CCACGCGTATCTGCTTATGTGCCCCG	decoding probe
Exon C DO	5'Cy3-AGTCGATAGTCACGGCTACT	decoding probe
Exon D DO	5'Cy3-AGCGATCTGCGAGACCGTAT	decoding probe
Exon E DO	5'Cy5-CCTCAATGCTGCTGCTGTACTAC	decoding probe
Act1348-1367	CTGGAACGGTGAAGGTGACA	actin cDNA primer
Act1412-1393	CGGCCACATTGTGAACTTTG	actin cDNA primer
Act22-41	GAGCCTCGCCTTTGCCGATC	actin cDNA primer
Act80-61	CATCCATGGTGAGCTGGCGG	actin cDNA primer

Supplementary 1: Oligonucleotides used in this study

Supplementary table 2: Specificity test of the spliceotyping method using pure cDNAs as target. Standard deviations between three fields of vision are shown.

Input cDNA	Number of counted RCPs	Classified ABCDF	as ABCF	ACDF	ACF	AF
AF	17,208	0.0%±0.0%	0.0%±0.0%	0.0%±0.0%	0.0%±0.0%	100.0%±0.0%
ABCF	5,211	1.2%±0.2%	98.1%±0.2%	0.0%±0.0%	0.7%±0.1%	0.1%±0.0%
ABCDF	11,265	96.1%±0.8%	0.9%±0.8%	3.0%±0.8%	0.0%±0.0%	0.0%±0.0%

Supplementary table 3: Proportions of adenoviral and actin splice patterns during adenovirus infection reflected by the spliceotyping method. Standard deviations between three fields of vision are shown.

Time post infection	Number of counted RCPs	Classified as					
		ABCDF	ABCF	ACDF	ACF	AF	Actin
6h	2,333	10%±6%	1%±0%	1%±2%	0%±0%	5%±2%	83%±10%
12h	762	29%±15%	0%±0%	4%±4%	0%±0%	6%±2%	61%±17%
24h	3,436	10%±5%	1%±0%	3%±2%	1%±0%	73%±22%	12%±16%
36h	13,503	3%±0%	0%±0%	4%±2%	0%±0%	92%±2%	0%±0%
48h	1,154	10%±4%	0%±0%	9%±3%	0%±0%	76%±6%	5%±1%