

Fig. 1A

M G M N L P A P A P A P A N A N Q S S
 R S Y N K A N P A N P A N K N S A V
 K S Y N K P A N P A N P A N N A S L K F
 L N G G K P A N P A N P A N N A S V
 I V E G K D N P A N P A N G N W E D N
 A T R Q N K V P A N P A N Q V T K V
 S L N R L P A N P A N G N S S L P V
 V N W E K N N P A N P A N Q N N P D I
 S E Y G Q A N P V P A N G N C Y G
 S L S K P A N P D N P A N H E S E L
 F N L D A P A P A P N E V N I
 L Y K D G V P A N P A N M P S C I V
 F D K D G V P A N P A N P S D G E L
 V N S R P P A N P A N P D K N K S
 E A S R D D N P A N P A N P H G I F
 A G S R D D N P A N P A N P I I I
 L T S G P A N P A N P A N R E Q C F
 Q L G N A N P A N P A N P N Q V K L
 E Y N N D P A N P A N P A N V Y R M N
 Y N N D P A N P A N P A N D L I E *
 Q E D N N P A N P A N P A N E K K
 C L D E V P A N P A N P A N K P C
 Y E G K D N N P A N P A N A I G S

Fig. 1B

AAGCTTGCCACCATGATGAGGAAACTGGCCATCCTGAGCGTGAGCAGCTTCTGTTC
GTGAGGCCCTGTTTCAGGAGTACCAGTGCTACGGCAGCAGCAACACCCGGGTG
CTGAACGAGCTGAACCTACGACCAACGCCGCACCAACCTGTACAACGAGCTGGAGATG
AACTACTACGGCAAGCAGGAGAACTGGTACAGCCTGAAGAAGAACAGCCGGTCTCTG
GGCGAAGACGACGGCAACAACAACGCGGACAAACGGCCGGGAGGCAAGGAC
GAGGACAAGCGGACGGCAACAACGAGGACAACGAGAAGCTGCGGAAGCCCAAGCAC
AAGAAACTTAAGCAGCCCCGCCGACGGCAACCCGACCCCAACGCCAACCCCAACGTG
GACCCCAACGCCAATCCTAATGTGACCCCAATGCCAATCCGAACGTTGATCCCAAT
GCGAATCCTAACGCTAACCCCAATGCCAACCCCAATGCCAATCCAAATGCCAATCCC
AACGCCAATCCAACGCAAAACCCCTAATGCTAATCCAACGCTAATCCTAATGCCAAT
CCCAATGCTAACCCCAACGTCGATCCTAACGCAAAATCCGAACGCTAACCCCAACGCA
AATCCCAACGCTAACCCGAACGCAAAACCCCTAACGCCAATCCGAATGCCAACCCCAAC
GCCAACCCGAACGCTAATCCGAATGCTAACCCGAATGCTAATCCTAACGCAAAACCCA
AATGCAAAACCCCAATGCAAAACCCGAACGCCAATCCCAACGCCAATCCTAATGCCAAC
AAGAAACAATCAGGGCAACGGCCAGGGCCACAACAATGCCCAACGCCAACCCGAAC
GTGGACGAGAACGCCAACGCCAACCAACGCCGTGAAGAACAAACAACGAGGAGCCC
AGCGACAAGCACATCGAGCAGTACCTGAAGAAGATCCAGAACAGCCTGAGCACCGAG
TGGAGCCCCGTGACGTGACCTGCGGCAACGGCATTCAGGTGCGGATCAAGCCCCGC
AGCGCCAACAAGCCCAAGGACGAGCTGGACTACGAGAAATGACATCGAGAAAGATC
TGCAAGATGGAGAAGTGCAGCAGCGTGTTC AACGTGGTGAACAGCGCCATCGGCCCTG
ATTATGGTGTGAGCTTCCTGTTCCCTGAACCTGAAGATCTGCTGATAAGGATCC

Fig. 2A

[illegible]

Fig. 2B

AAGCTTGCCACCATGATGAGGAAACTGGCCATCCTGAGCGTGAGCAGCTTCCTGT
TCGTGGAGGCCCTGTTTCAGGAGTACCAGTGCTACGGCAGCAGCAGCAACACCCG
GGTGCTGAACGAGCTGAACTACGACAAACGCCGGCACCAACTGTACAGCCTGAAGAAACAGCC
GAGATGAAC TACTACGGCAAGCAGGAGAACTGGTACAGCCTGAAGAAACAGCC
GGTCTCTGGGCGAGAACGACGACGGCAACAAACAACAACGGCGACAACGGCCGGGA
GGCAAGACGAGGACAAGCGGGACGGCAACAAACGAGGACAACGAGAAGCTGCGG
AAGCCCAAGCACAGAAACTTAAGCAGCCCGCCGACGGCAACCCGACCCCAACG
CCAACCCCAACGTGGACCCCAACGCCAATCCTAA TGTGACCCCAATGCCAATCC
GAACGTTGATCCCAATGCCAATCCTAACGCTAACCCCAATGCCAACCCAAATGCC
AATCCAAATGCAAATCCCAACGCCAATCCAAACGCAAAACCCTAATGCTAA TCCAA
ACGCTAATCCTAATGCCAATCCCAATGCTAACCCAAACGTCGATCCTAACGCAAA
TCCGAACGCTAACCCCAACGCAAAATCCCAACGCTAACCCGAAACGCAACCCCTAAC
GCCAATCCGGAATGCCAACCCCAACGCCCAACCCGAAACGCTAATCCGAATGCTAAC
CGAATGCTAATCCTAACGCAAAACCCAAATGCAAAACCCCAATGCAAAACCCGAACGC
CAATCCCAACGCCAATCCTAATGCCAAACAAGAACAAATCAGGGCAACGGCCAGGGC
CACAAATGCCCAACGACCCCAACCCGAAACGTCGGACGAGAACGCCAACGCCAACA
GGCCGTGAAGAACAAACAACAACGAGAGCCAGCGACAAGCACATCAAGGAGTA
CCTGAACAAGATCCAGAACAGCCTGAGCACCCGAGTGGAGCCCTGCGAGCGTGACC
TGCGGCAACGGCATTCAGGTGCGGATCAAGCCCGGCGAGCCCAACAAGCCCAAGG
ACGAGCTGGACTACGCCAATGACATCGAGAAAGATCTGCAAGATGGAGAAAGTG
CAGCAGCGTGTTC AACGTGGTGAACCTCCTGATAAAGATCTGCTGATAAGGATCC

Fig. 3A

M K K S V L G K K P D E Q P G A G P G Q Q Q P P Q S Y S E W P E N I
 Q N K H L E P D E Q P G A G P G Q Q Q P P Q S Y S E W P E N I
 L Y H L E P D E Q P G A G P G Q Q Q P P Q S Y S E W P E N I
 D A L E P D E Q P G A G P G Q Q Q P P Q S Y S E W P E N I
 P K E P D E Q P G A G P G Q Q Q P P Q S Y S E W P E N I
 K D D P G A G P G Q Q Q P P Q S Y S E W P E N I
 Q G P G A G P G Q Q Q P P Q S Y S E W P E N I
 P Q G P G A G P G Q Q Q P P Q S Y S E W P E N I
 A P Q G P G A G P G Q Q Q P P Q S Y S E W P E N I
 G A P Q G P G A G P G Q Q Q P P Q S Y S E W P E N I
 P P Q Q Q P P Q S Y S E W P E N I
 Q P P Q Q S Y S E W P E N I
 N E D S Y S E W P E N I
 T E W S Y S E W P E N I
 N K Q P E N I
 S I F N I

Fig. 3B

AAGCTTGTAGCCACCATGAAGAAGTGCACCATCCTGGTGGTGGCCAGCCTG
CTGCTGGTGACAGCCTGCTGCCCCGGCTACGGCCAGAACAAAGAGCGTGCAGG
CCCAGCGGAACCTGAACGAGCTGTGCTACAACGAGGAGAACGACAACAAGCT
GTACCACGTGCTGAACAGCAAGAACGGCAAGATTACAACCCGGAACATCGTG
AACCGGCTGCTGGCGACGCCCTGAACGGCAAGCCCCGAGGAGAAAGAGGACG
ACCCCCCAAGGACGGCAACAAGGACGACCTGCCCAAGGAGGAGAAAGA
CGATCTGCCCTAAGGAGGAAAAAAGGACGATCCTCCTAAGGACCCCAAGAAG
GACGATCCTCCCAAAGAGGCCCCAGAACAAAGCTGAACCAGCCCGTGGTGGCCG
ACGAGAACGTGGACCAGGGCCCCCTGGCGCCCCCTCAGGGCCCCGGGCCCTCA
GGCCCCTGAGCCCCCTCAAGGACCCGGAGCCCCCAGGGACCTGGCGCTCCT
CAGGACCCGGCGCTCCACAGGGCCCCAGGGCCCCCAGGGCCCCAGGGGCAC
CCAGGGCCCCAGGCCCCCAACAAGTCCCGGGCTCCTCAGGGTCCCGGAGC
ACCTCAGGGGCTTGAGCACCAAGGGGCTGGGGCCCCACAAAGGCCAGGC
GCTCCCCAAGGGCTGGCGCACCCAGGAGCCCCCAGCAGCCCCCTCAGC
AGCCCCCAGCAACCTCCCCAACAGCCTCCCAAGCAACCAAGCAGCAGCC
ACCACAGCAACCCAGGCCCCAGCCCCGACGGCAACAACAACAATAACAAC
AACGGCAACAACAACGAGGACAGCTACGTGCCCCAGCGCCGAGCAGATCCTGG
AGTTCGTGAAGCAGATCAGCAGCCCAACTGACCGAGGAGTGGAGCCAGTGCAG
CGTGACCTGCGGACGCGCGTGGGGTGCGGAGCGGAAGCGGAACGTGAACAAG
CAGCCCGAGAACCTGACCCCTGGAGGACATCGACACCGAGATCTGCAAGATGG
ACAAGTGCAGCAGCATCTTCAACATCGTGAGCAACAGCCTGGGCTGAAGATC
TGCTGATAAGTTAAACGGATCC

Fig. 4A

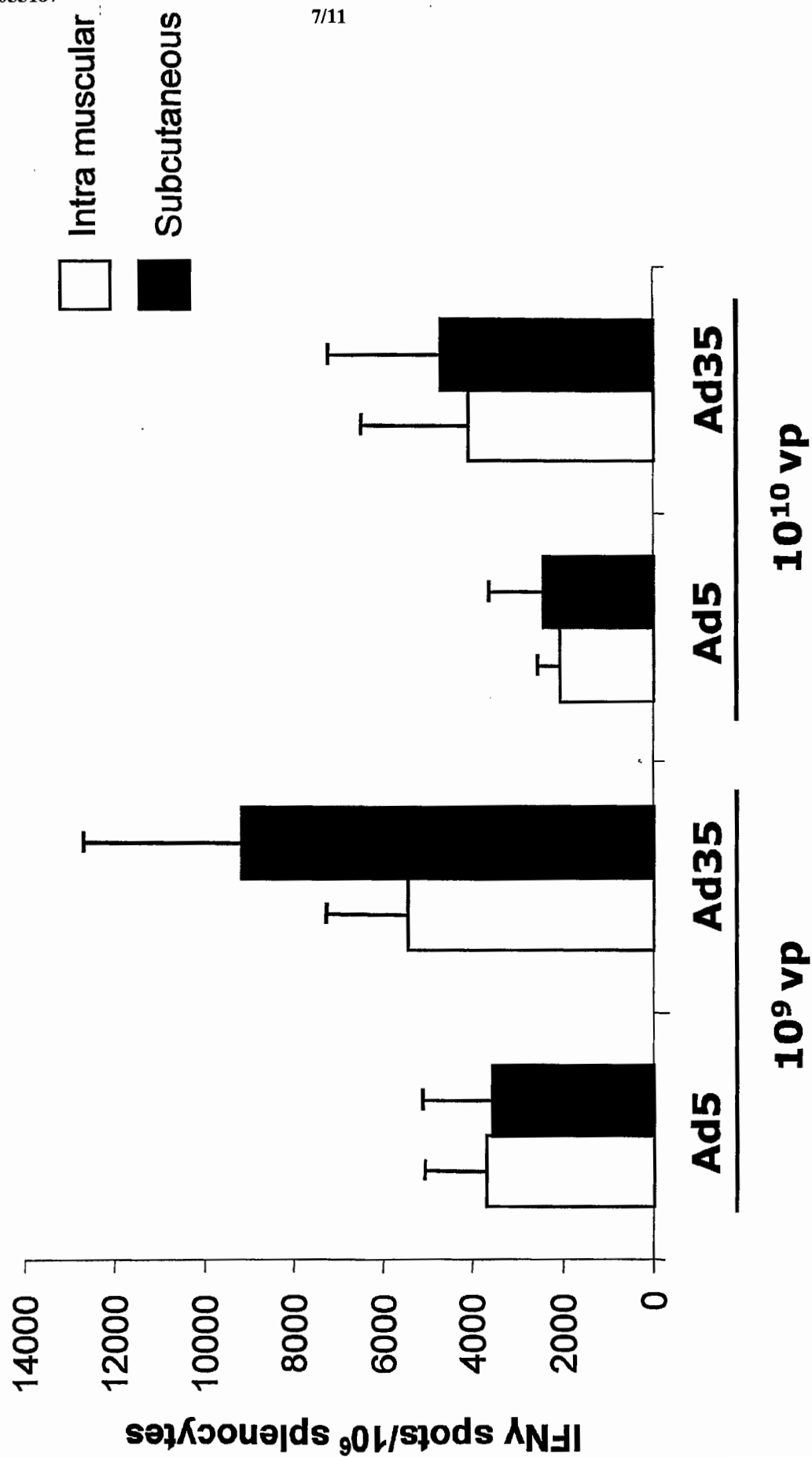
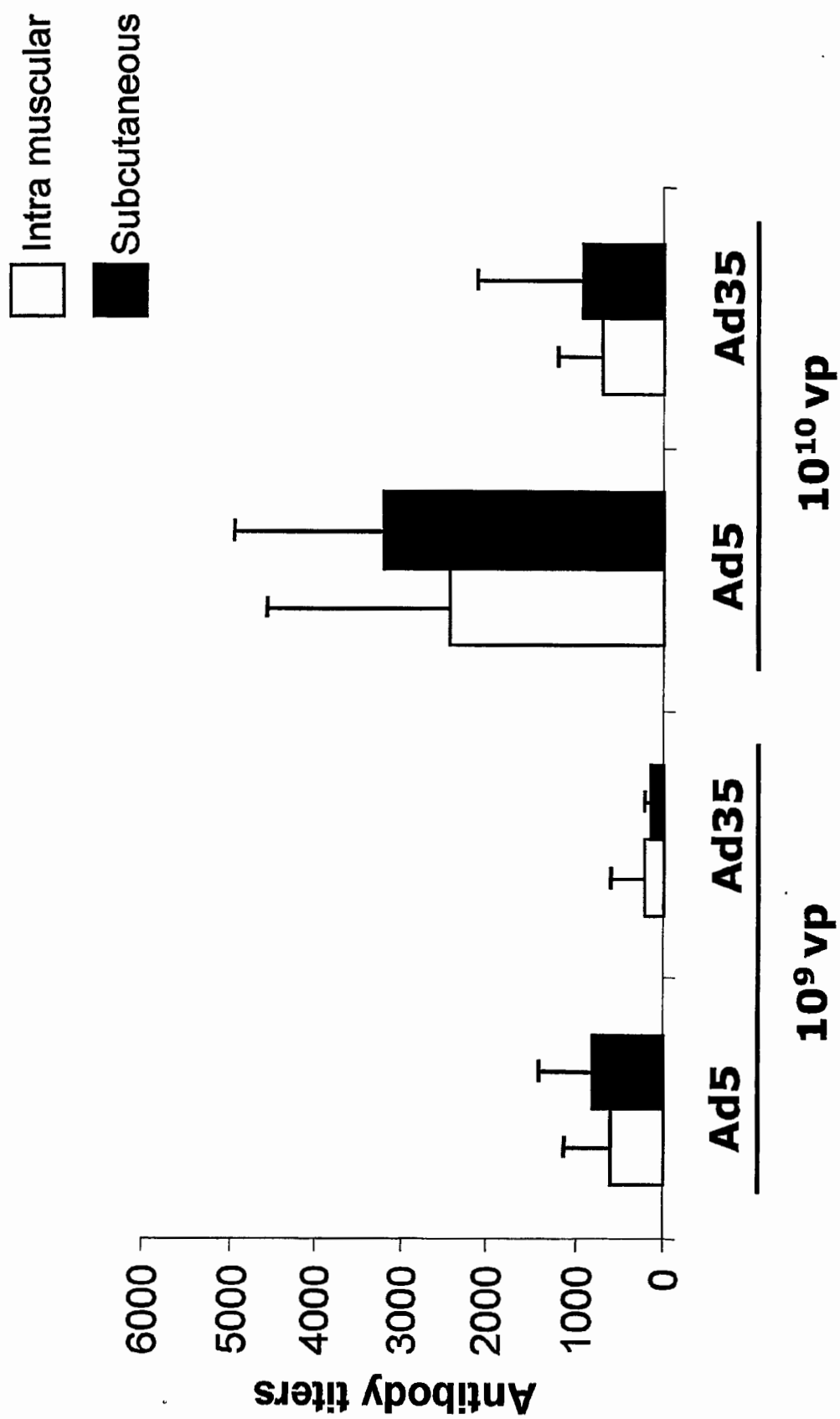


Fig. 4B



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Fig. 5A

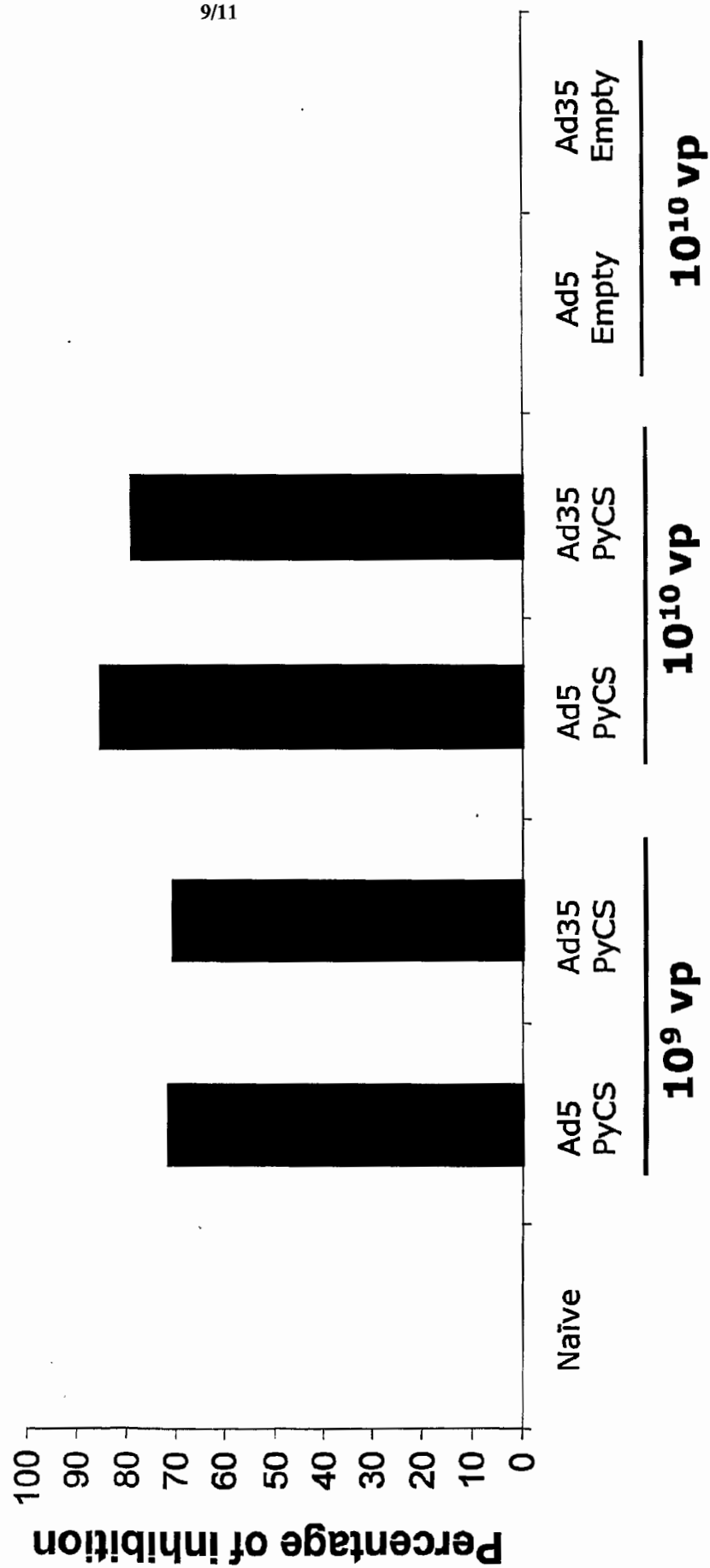


Fig. 5B

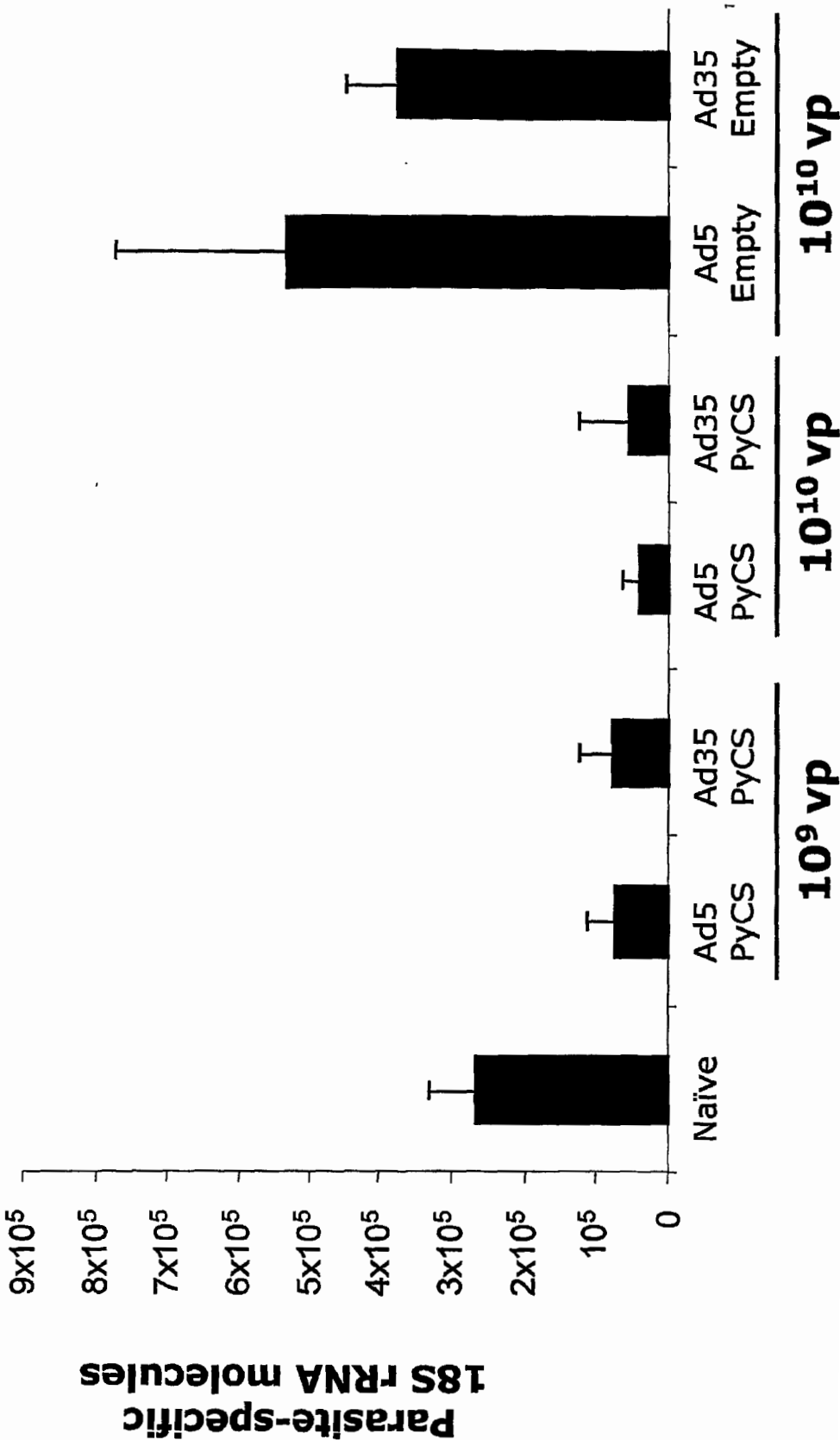


Fig. 6

