

Figure 1

Hamster IGF-1

Secreted mature hamster IGF-1 (70 amino acids)

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1 :  ttgccacagctggaccagagaccctctgcggggctgagctggtggatgctcttcaattc
      G P E T L C G A E L V D A L Q F

61 :  gtgtgtggaccaaggggcttttacttcaacaagcccacaggctatggctccagcattcgg
      V C G P R G F Y F N K P T G Y G S S I R

121 : agggcacctcagacaggcattgtagatgagtgctgcttccggagctgtgatctgagaaga
      R A P Q T G I V D E C C F R S C D L R R

181 : ctggagatgtactgtgccccctcaagcctacaaaatcggcccgctctatccgtgccag
      L E M Y C A P L K P T K S A

241 :  cg

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Figure 2

Comparison between hamster and
human IGF-1 amino acid sequences

	1		20		34
Hamster	GPETLCGAEL	VDALQFVCGP	RGFYFNKPTG	YGSSIRRAPQ	
Human	GPETLCGAEL	VDALQFVCGD	RGFYFNKPTG	YGSSSRRAPQ	
				67	
Hamster	TGIVDECCFR	SCDLRRLEMY	CAPLKPTKSA		
Human	TGIVDECCFR	SCDLRRLEMY	CAPLKPAKSA		

Figure 3

Native E3E hamster IGF-1 and
active E3R, E3K, E3S hamster IGF-1

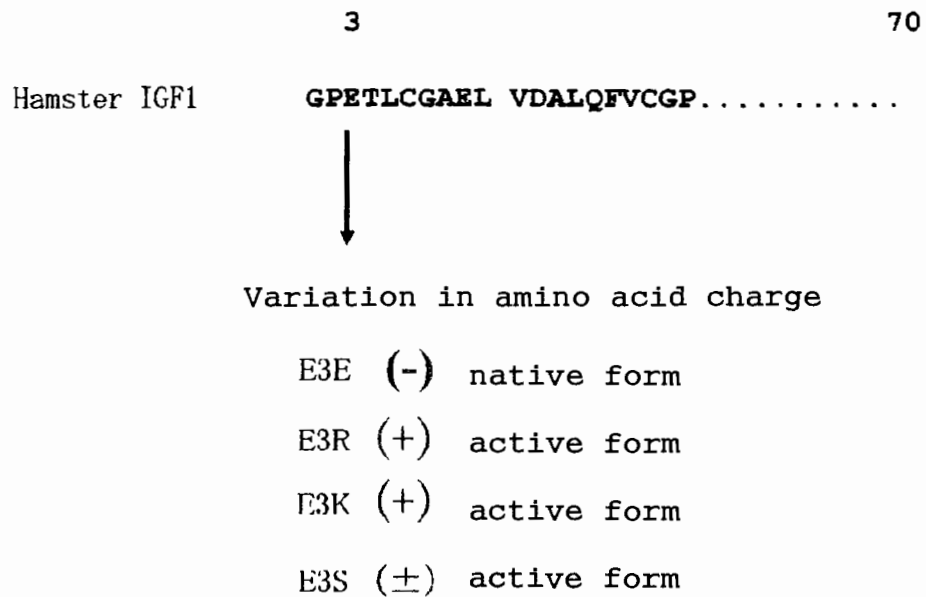


Figure 4

Hamster IGF-1 (70 amino acids)-expression plasmid
containing triple hamster IGF-1 genes

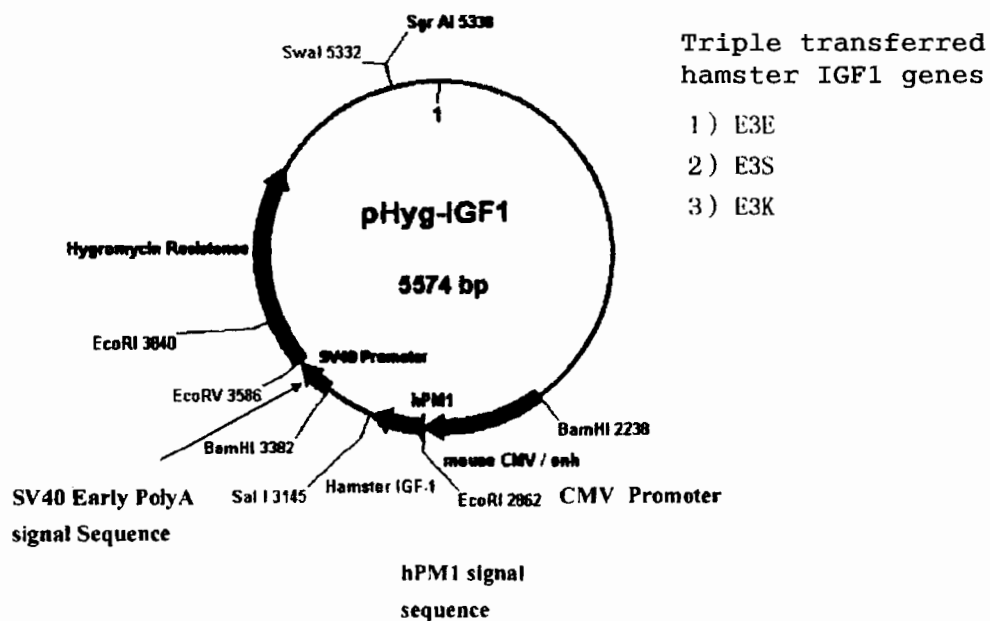


Figure 5

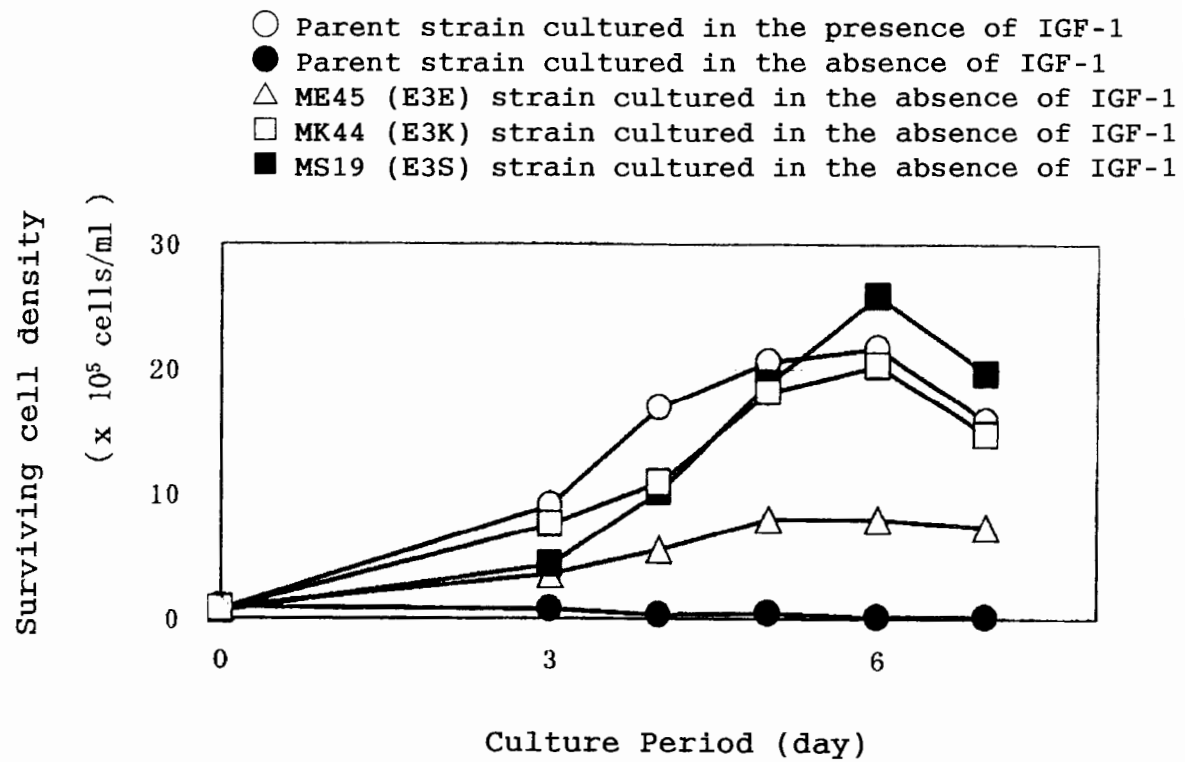


Figure 6

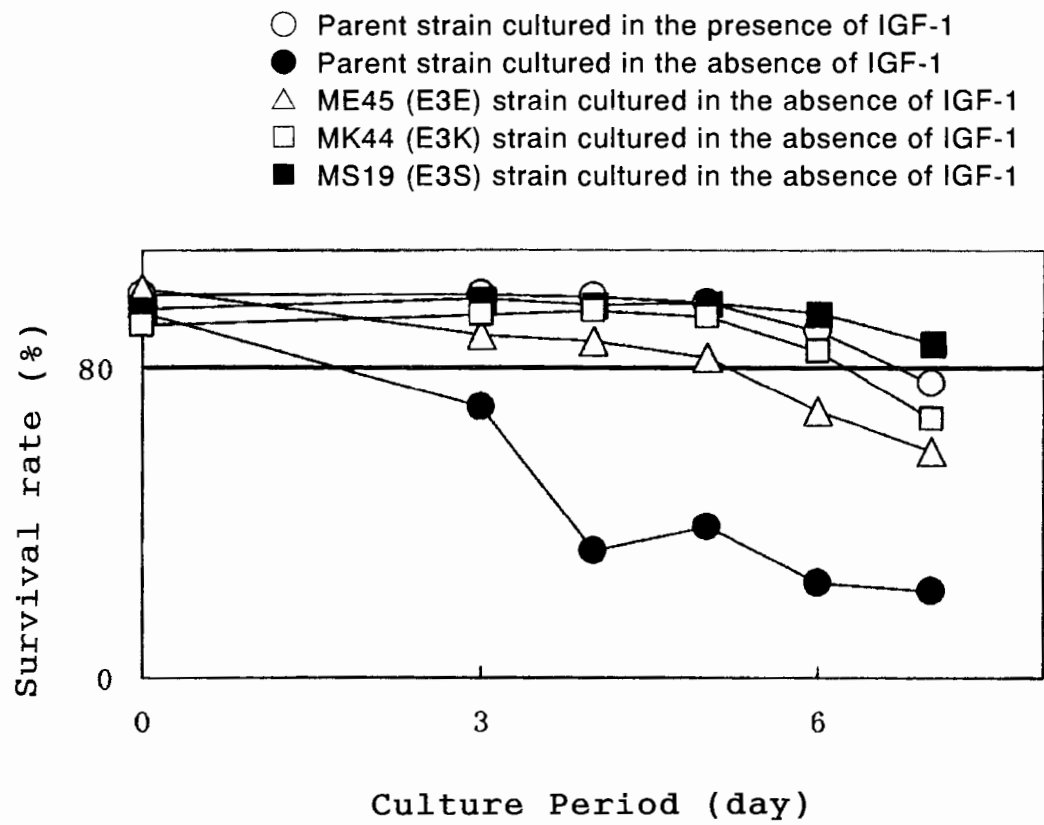


Figure 7

Amounts of anti-IL6R antibodies
produced in fed-batch cultures

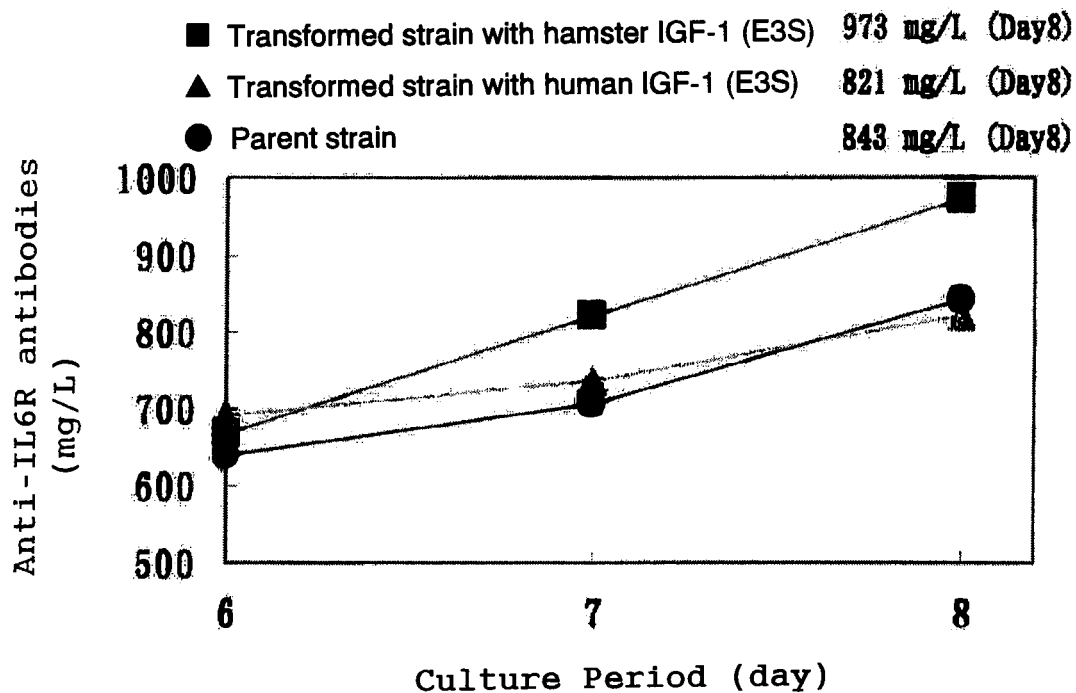


Figure 8

Amounts of anti-IL6R antibodies
produced in fed-batch cultures

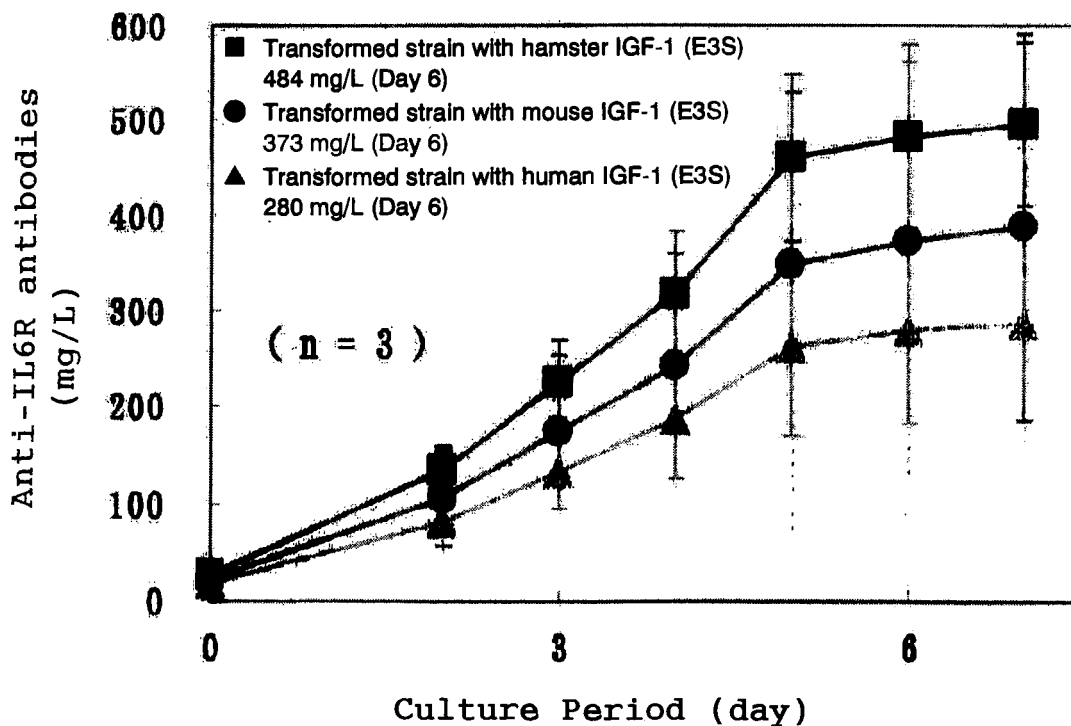


Figure 9

Amounts of anti-IL6R antibodies produced in fed-batch cultures of the best strains

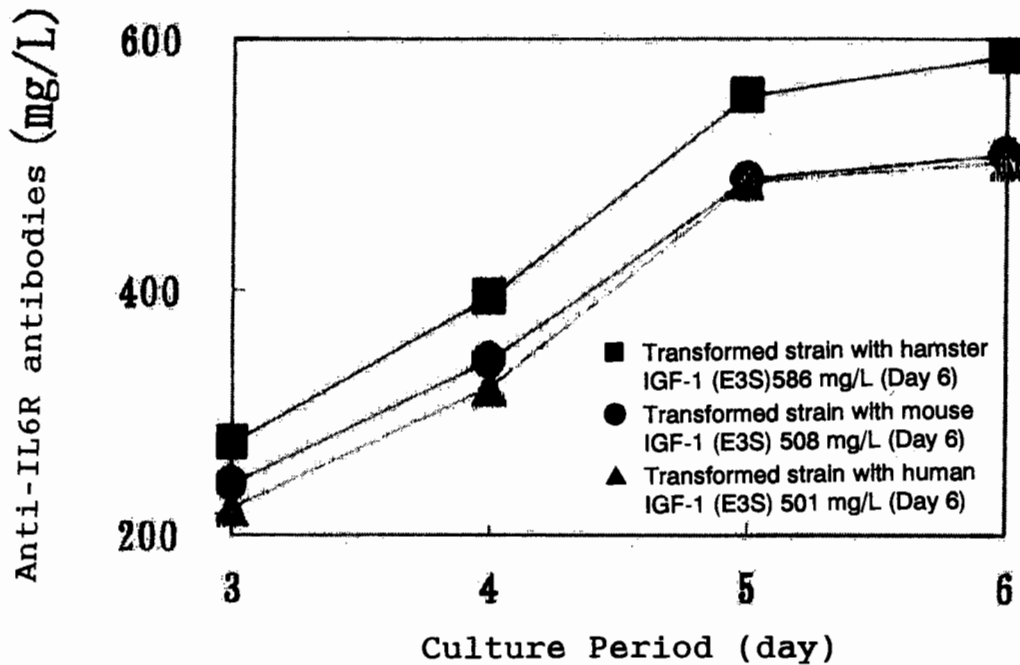


Figure 10

Amounts of anti-IL6R antibodies produced in fed-batch cultures

