

Figure 1

Hamster IGF-1

Secreted mature hamster IGF-1 (70 amino acids)

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1 :  tttgccacagctggaccagagaccctctgcggggctgagctggtggatgctcttcaattc
      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 : agggcacctcagacaggcattgtagatgagtgtgtgttcggagctgtgatctgagaaga
      R A P Q T G I V D E C C F R S C D L R R

181 : ctggagatgtactgtgccccctcaagcctacaaaatcgggccgctctatccgtgcccg
      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

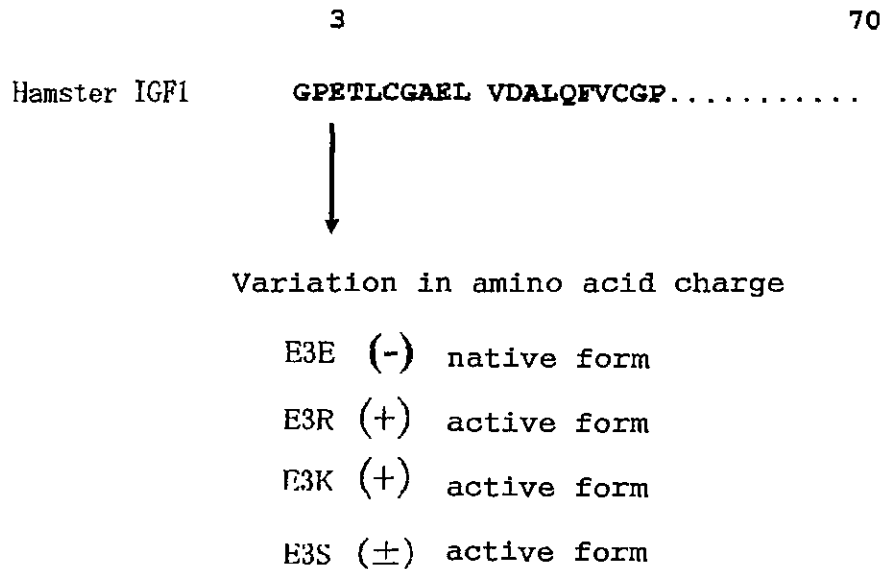


Figure 4

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

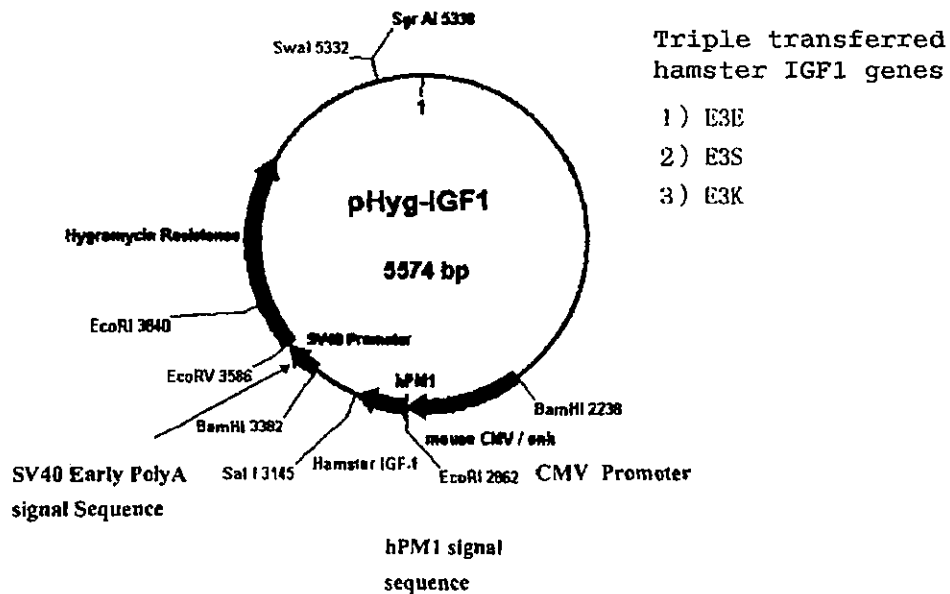


Figure 5

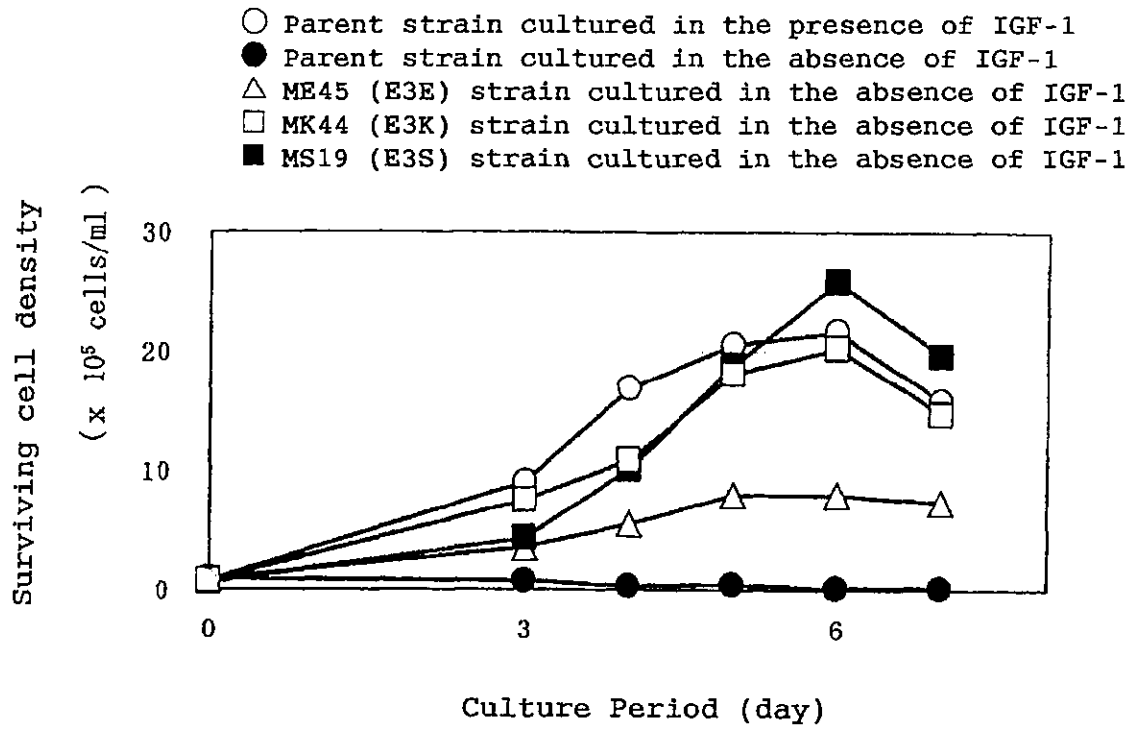


Figure 6

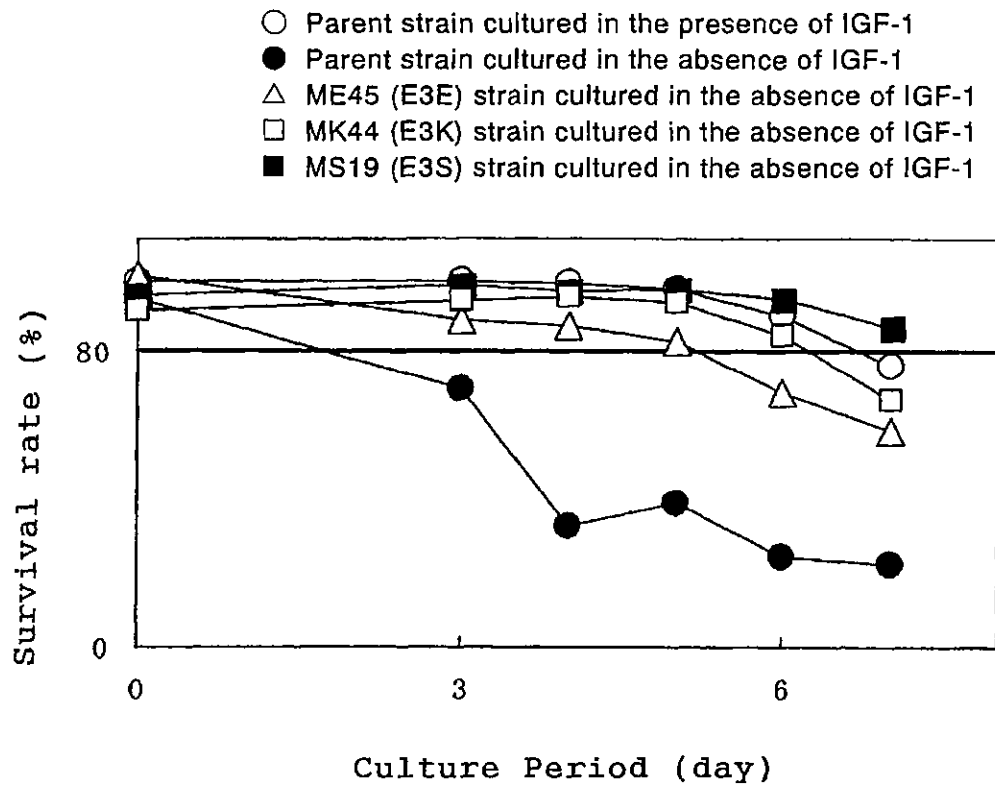


Figure 7

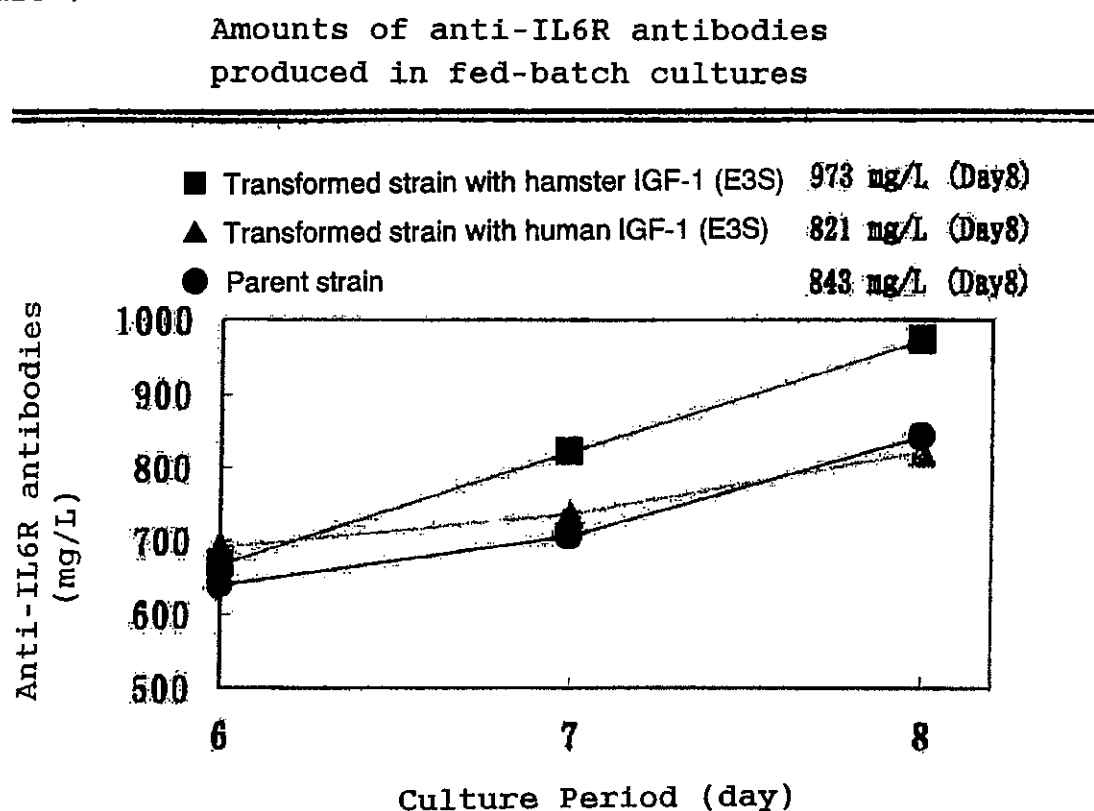


Figure 8

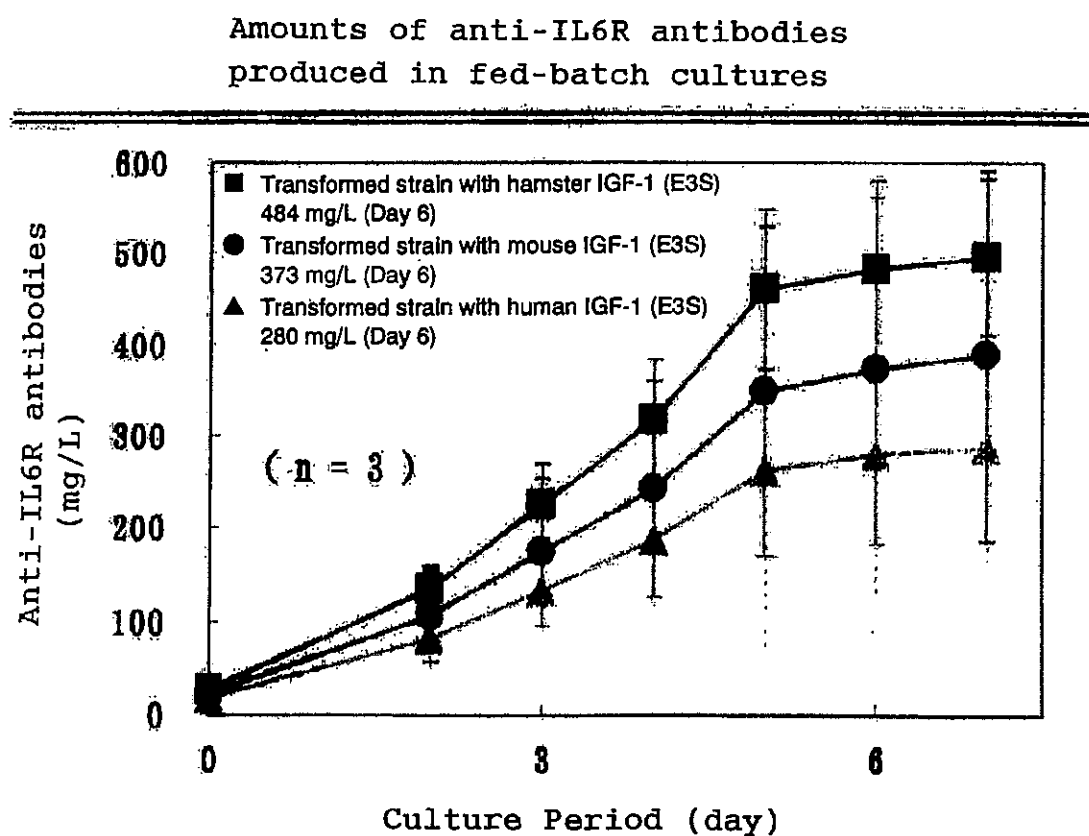


Figure 9

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

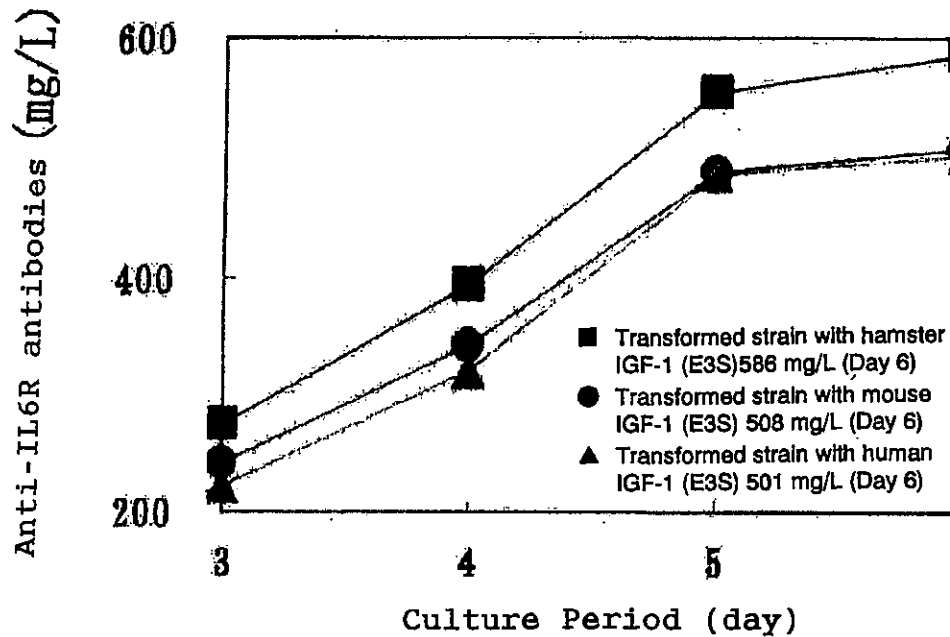


Figure 10

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

