

Figure 1

Hamster IGF-1

Secreted mature hamster IGF-1 (70 amino acids)

```

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

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

241 : cg

```

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

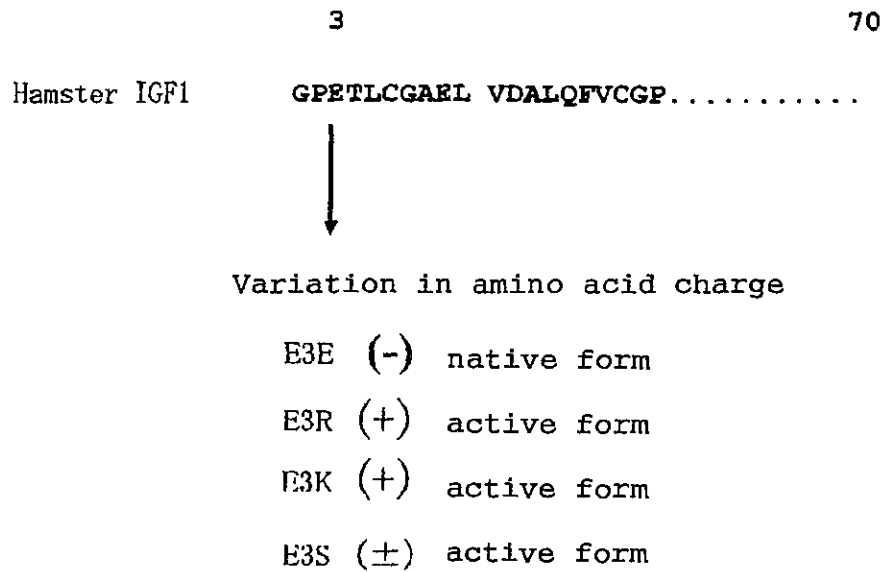


Figure 4

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

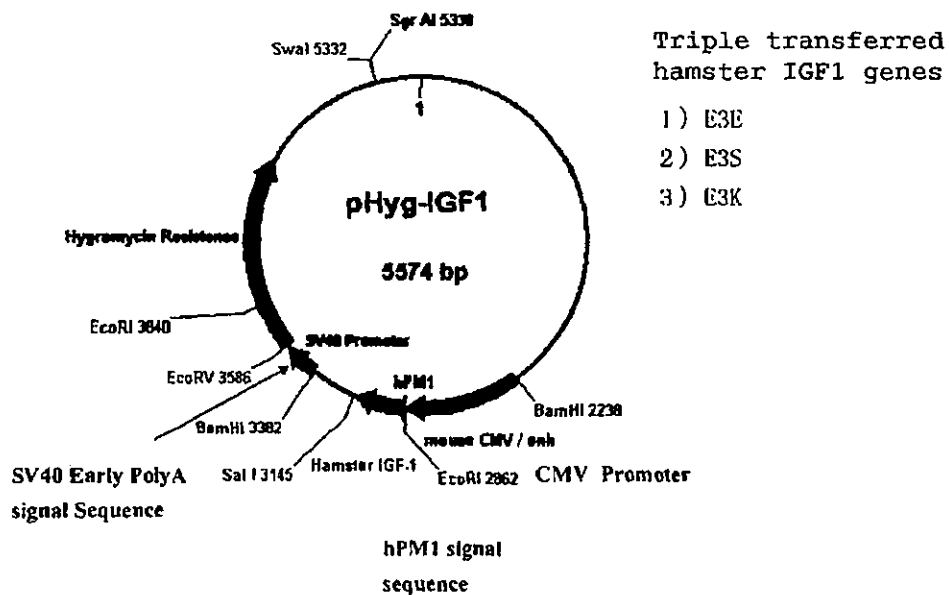


Figure 5

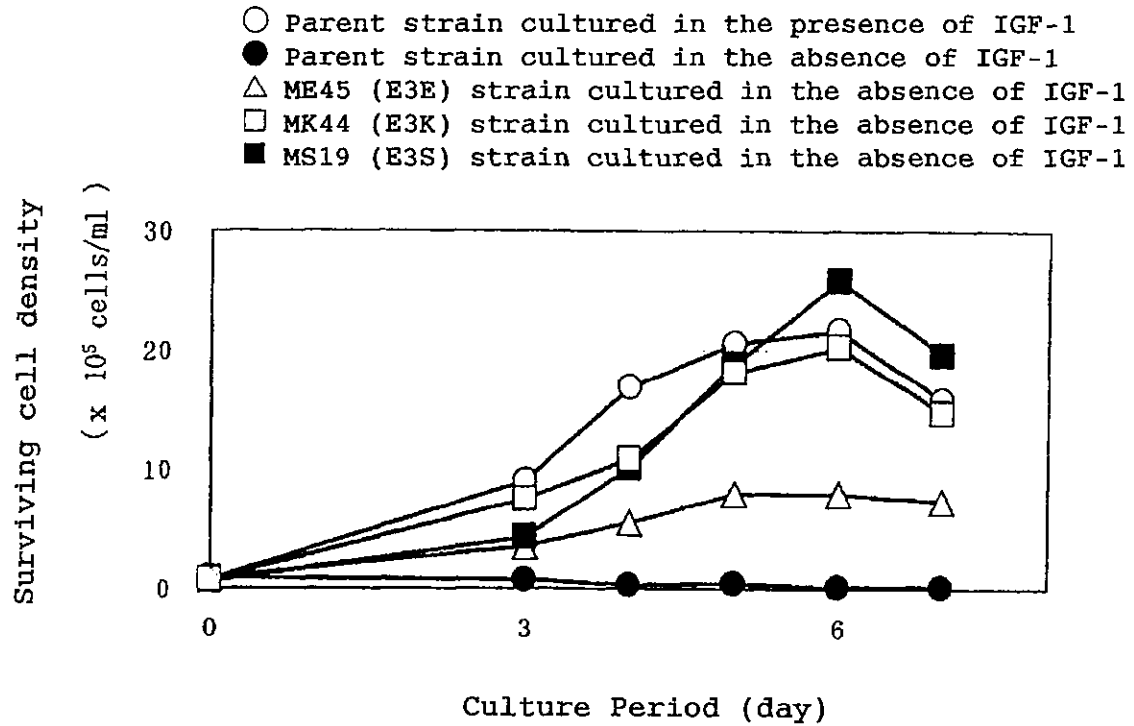


Figure 6

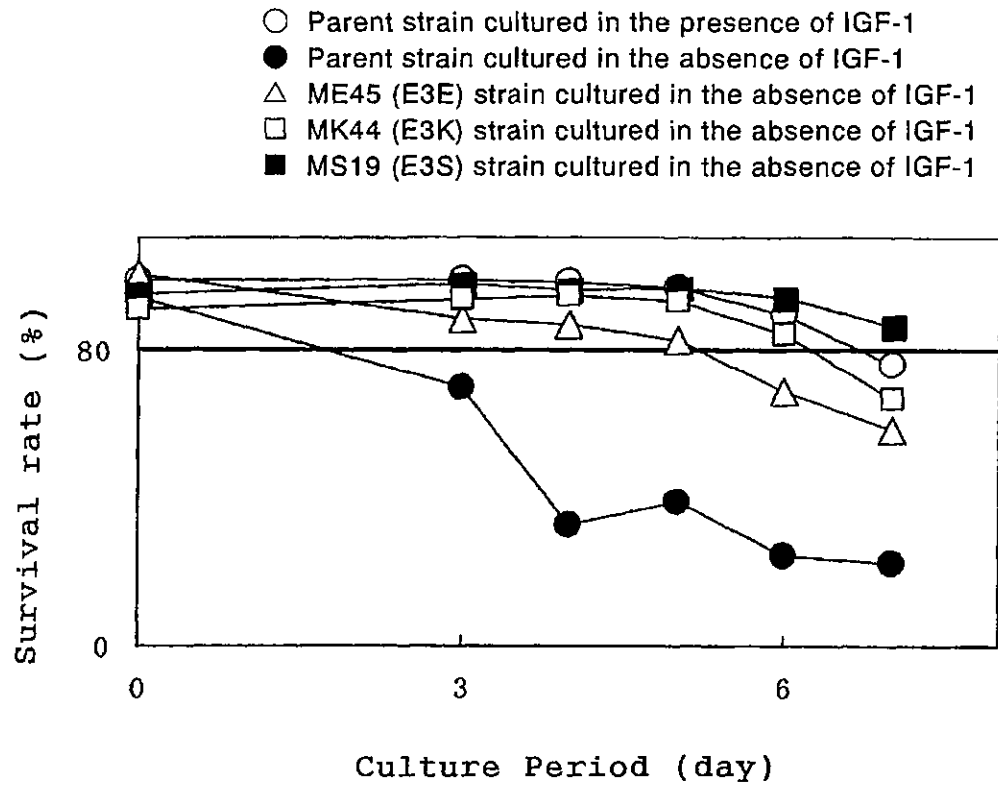


Figure 7

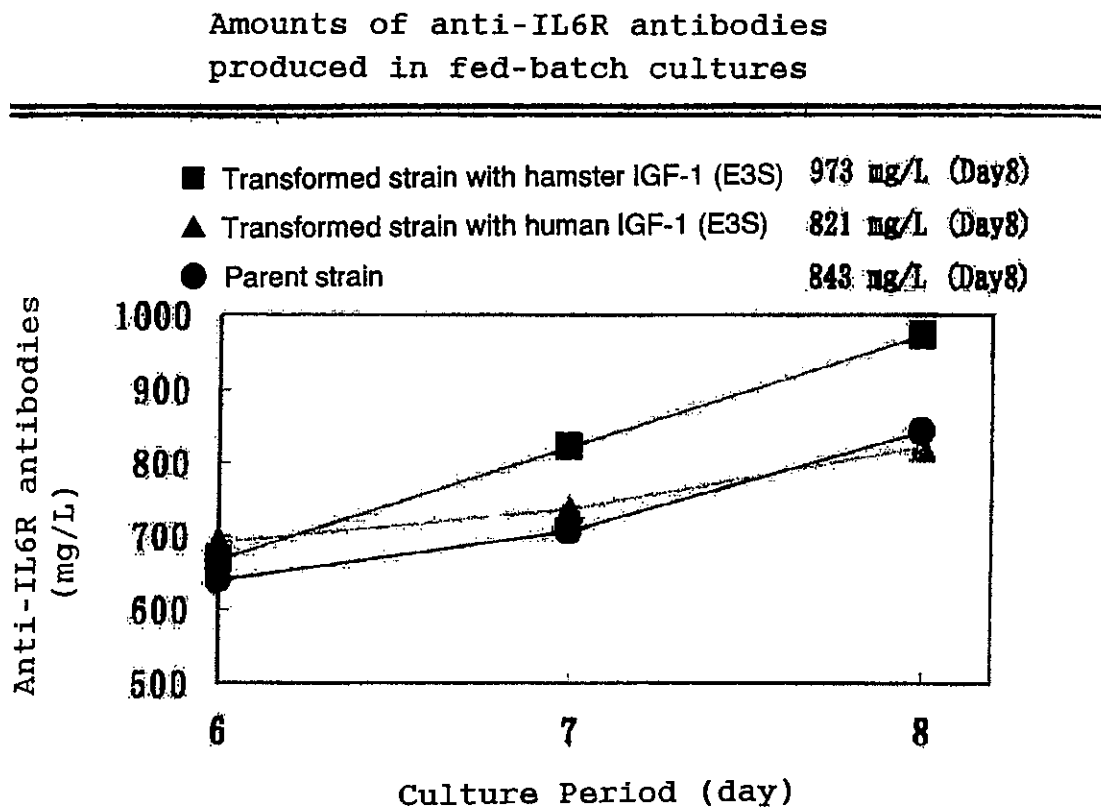


Figure 8

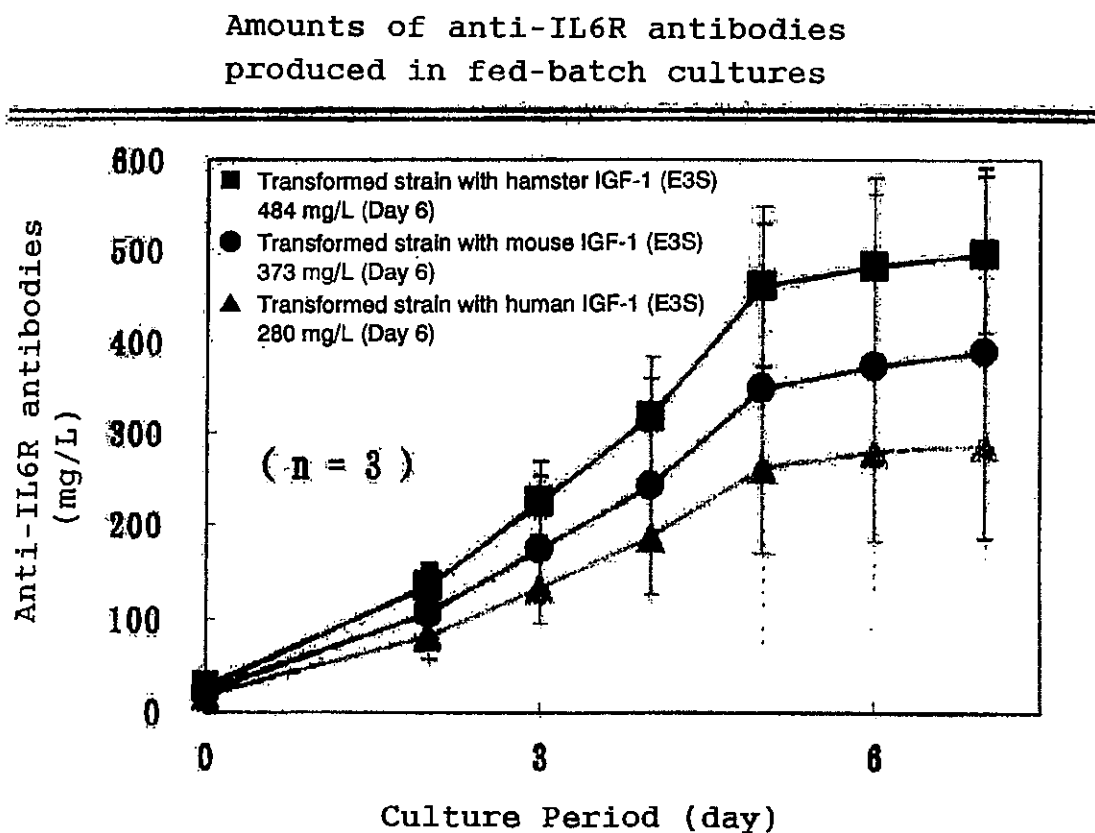


Figure 9

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

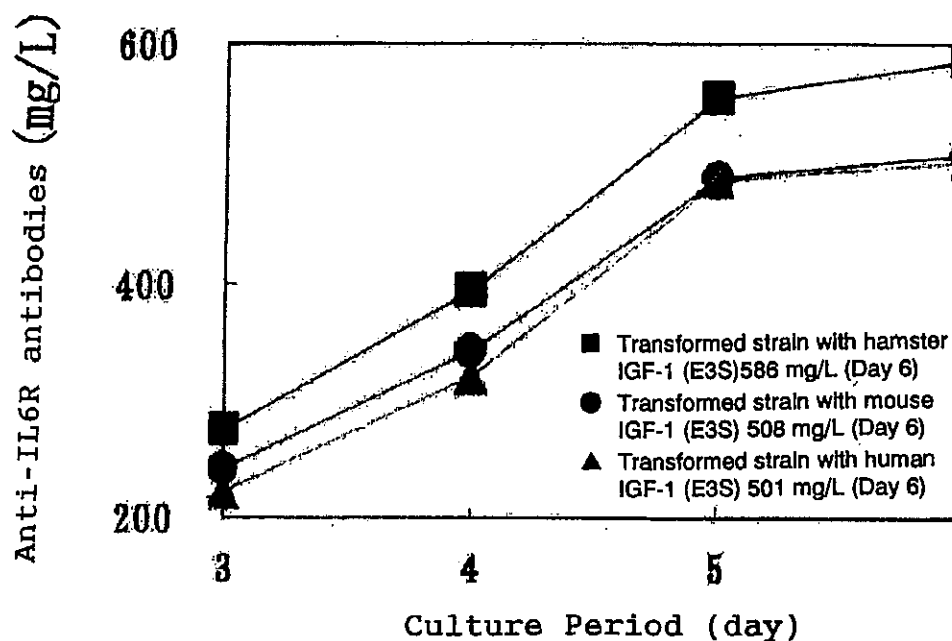


Figure 10

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

