Figure 1

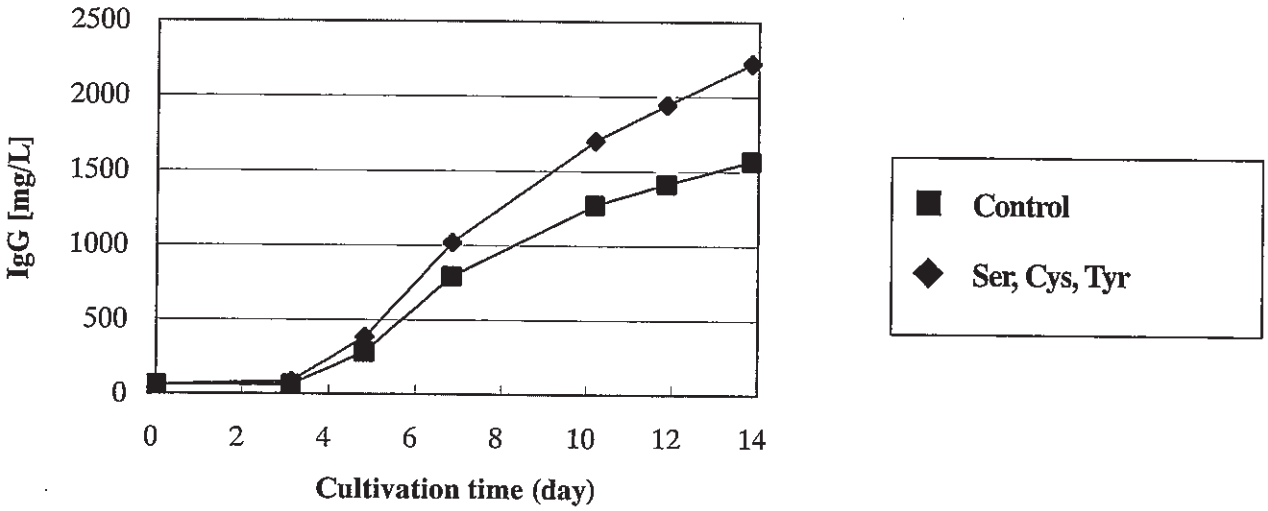


Figure 2

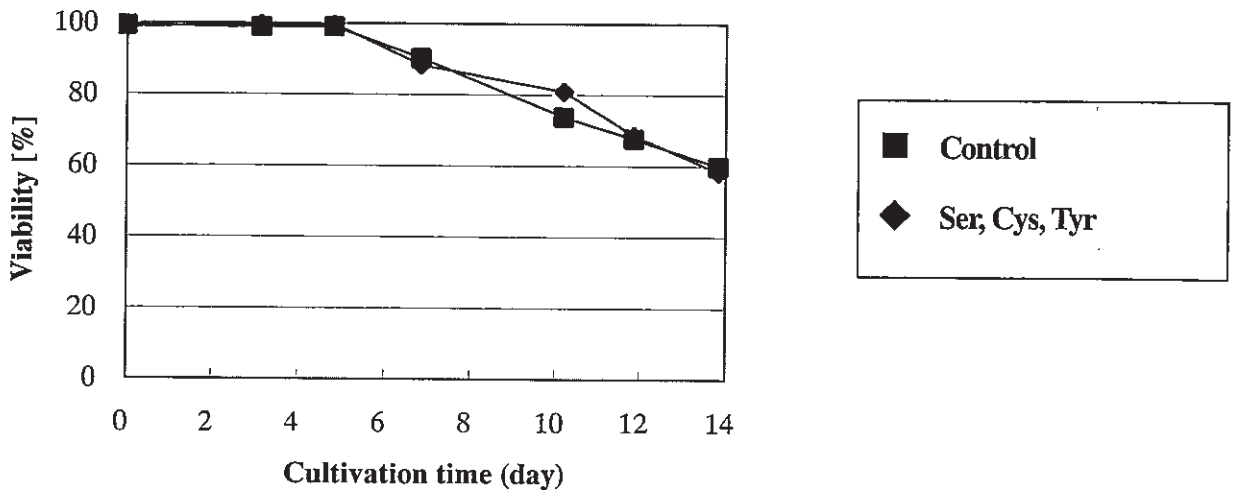


Figure 3

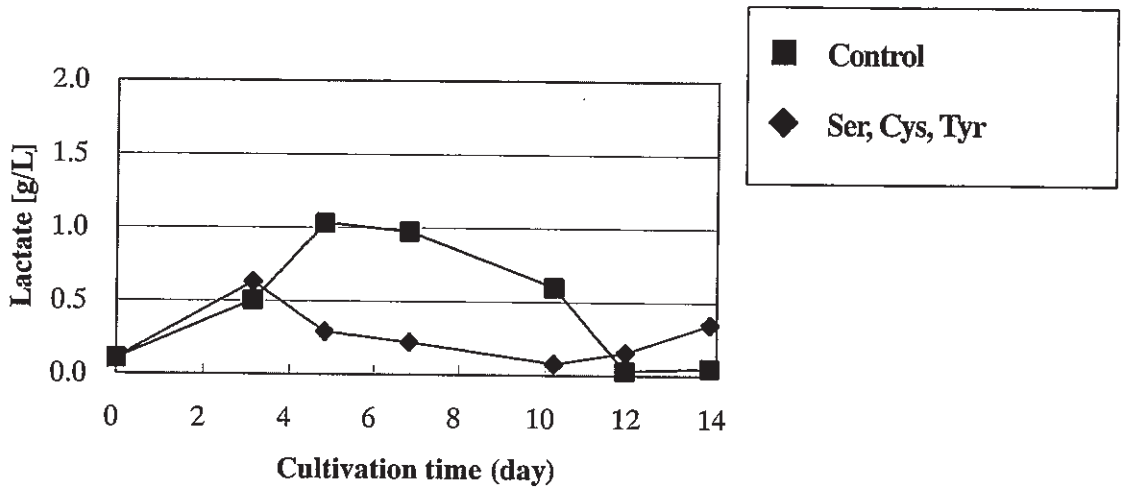


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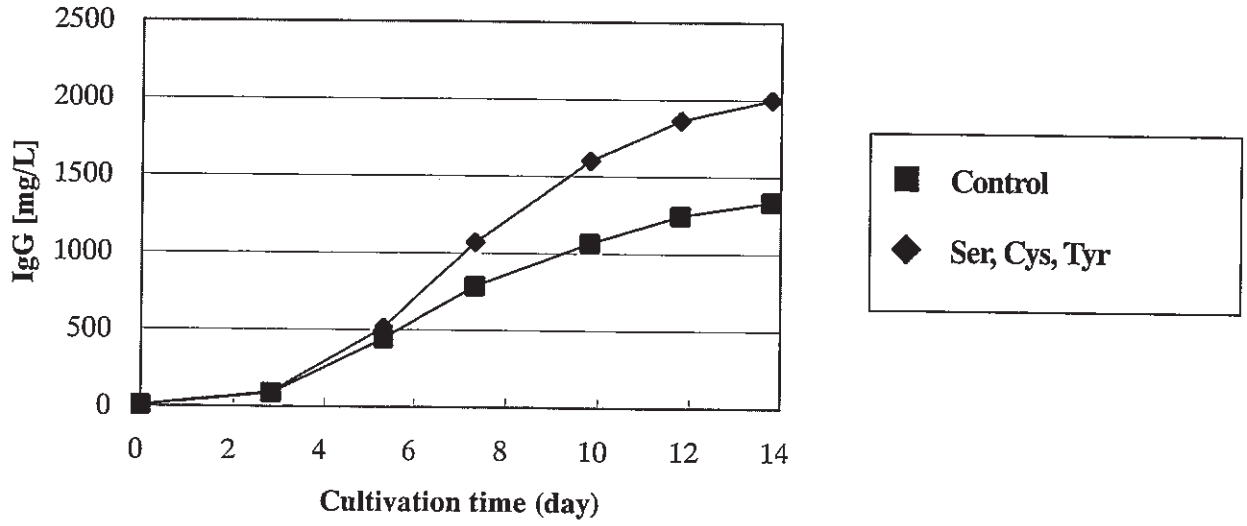


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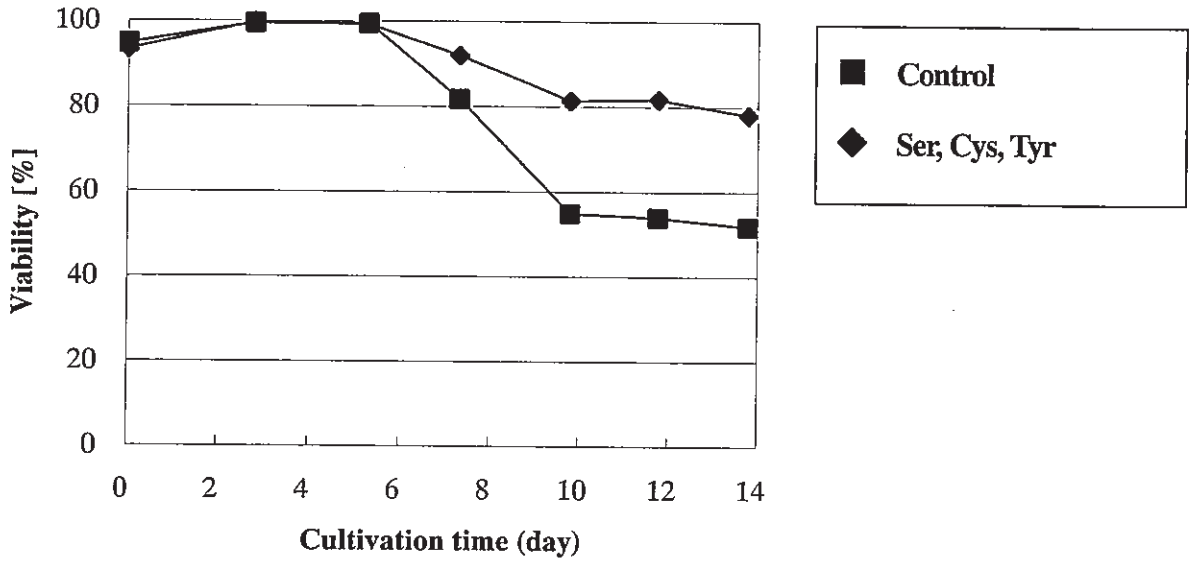


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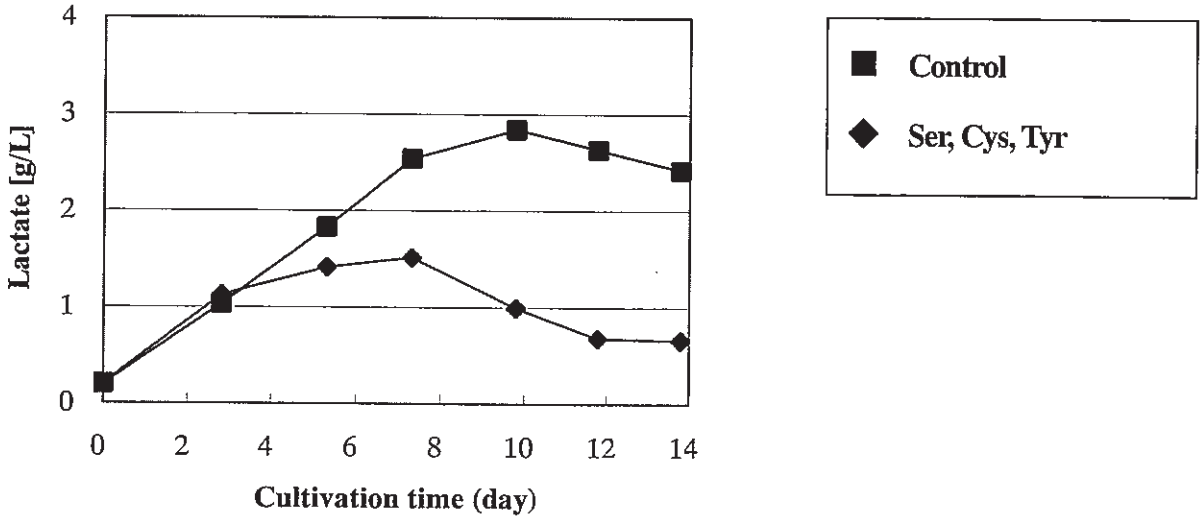


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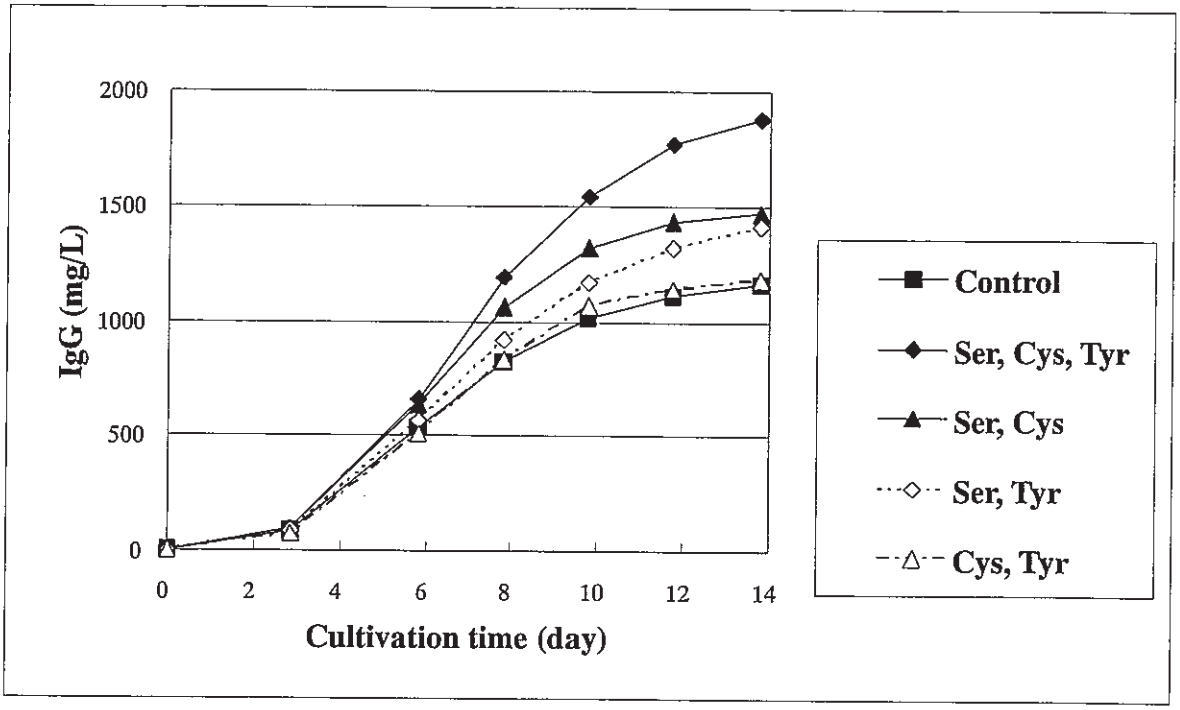


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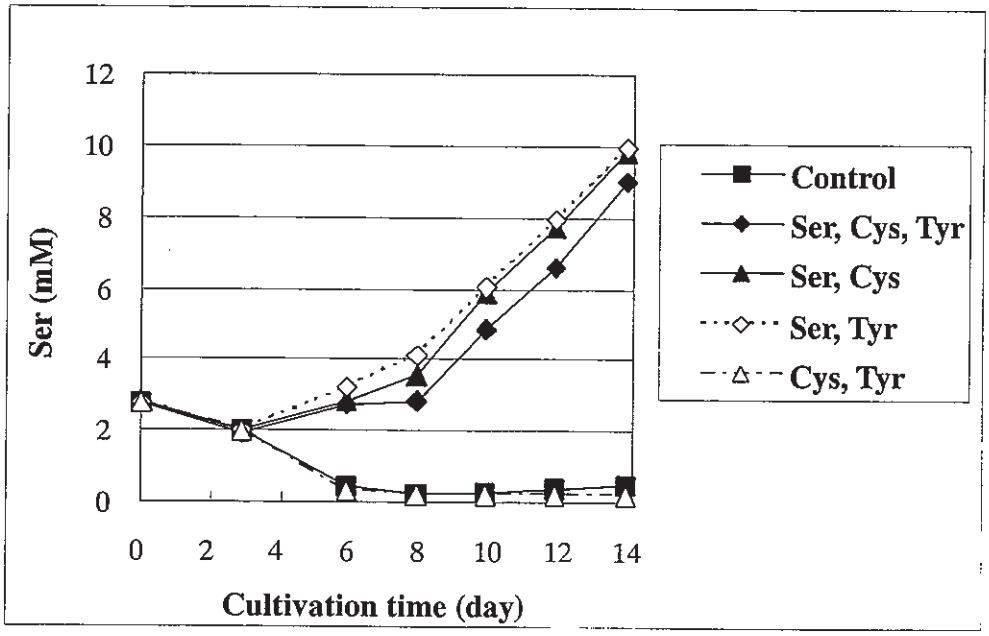


Figure 9

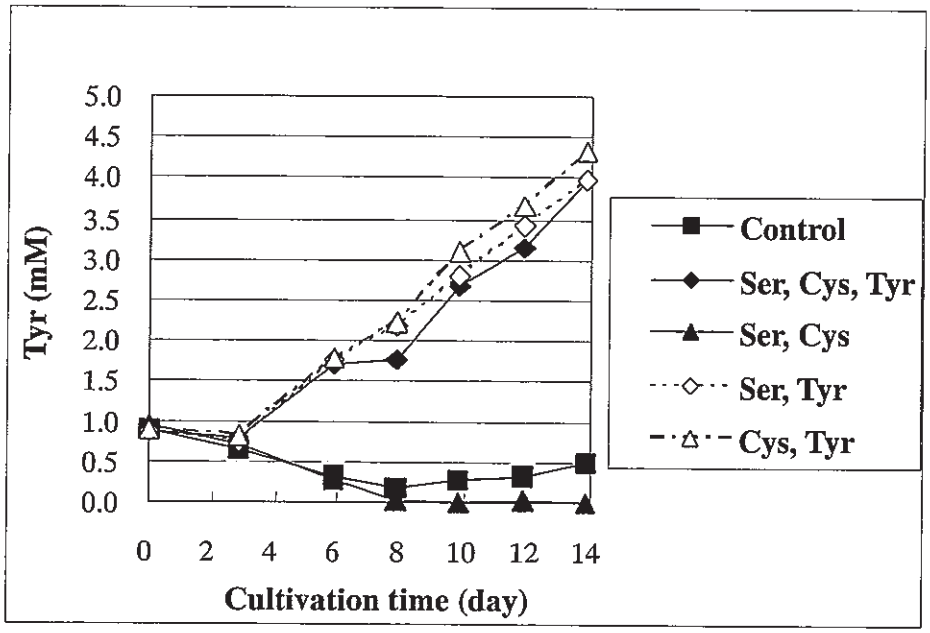


Figure 10

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M  A  T  K  E  K  L  Q  C  L  K  D  F  H  K  D  I  L  K  P  S  P  G  K  S  P  G  T  R  P  E  D  E  A  E  G  K  P  P  Q  R  E  K  W  S  S  K  I  D  F
     160       170       180       190       200       210       220       230       240       250       260       270       280       290       300
gtgctgtctgtggccggaggcttcgtgggtttgggcaacgtttggcgtttcccgtacctctgctacaaaaatggtggaggtgctttcctcatacgtatttatttttcctgtttgggagtggcctgcctgtgttttcctggaggtcata
V  L  S  V  A  G  G  F  V  G  L  G  N  V  W  R  F  P  Y  L  C  Y  K  N  G  G  G  A  F  L  I  P  Y  F  I  F  L  F  G  S  G  L  P  V  F  F  L  E  V  I
     310       320       330       340       350       360       370       380       390       400       410       420       430       440       450
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I  G  Q  Y  T  S  E  G  G  I  T  C  W  E  K  I  C  P  L  F  S  G  I  G  Y  A  S  I  V  I  V  S  L  L  N  V  Y  Y  I  V  I  L  A  W  A  T  Y  Y  L  F
     460       470       480       490       500       510       520       530       540       550       560       570       580       590       600
cactccttccagacagagcttcctgggcccactgcaaccacagctggaacacaccacattgcatggaggacaccctgcgtaggaatgagagtctctgggtctccctagcgcctccaacttcacctcgcctgtcatcgagttctgggag
H  S  F  Q  T  E  L  P  W  A  H  C  N  H  S  W  N  T  P  H  C  M  E  D  T  L  R  R  N  E  S  L  W  V  S  L  S  A  S  N  F  T  S  P  V  I  E  F  W  E
     610       620       630       640       650       660       670       680       690       700       710       720       730       740       750
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R  N  V  L  S  L  S  S  G  I  D  E  P  G  A  L  K  W  D  L  A  L  C  L  L  L  V  W  L  V  C  F  F  C  I  W  K  G  V  R  S  T  G  K  V  V  Y  F  T  A
     760       770       780       790       800       810       820       830       840       850       860       870       880       890       900
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T  F  P  F  A  M  L  L  V  L  L  V  R  G  L  T  L  P  G  A  G  E  G  I  K  F  Y  L  Y  P  D  I  S  R  L  E  D  P  Q  V  W  I  D  A  G  T  Q  I  F  F
     910       920       930       940       950       960       970       980       990      1000      1010      1020      1030      1040      1050
tcctatgccatcigccigggggccatgacctcactgggaagctacaacaagtacaagtatcaactcgtacagggactgtatgctgctgggatgcctgaacagtggtaccagtttttgtgtctggcttcgcagttttttccatcctgggcttc
S  Y  A  I  C  L  G  A  M  T  S  L  G  S  Y  N  K  Y  K  Y  N  S  Y  R  D  C  M  L  L  G  C  L  N  S  G  T  S  F  V  S  G  F  A  V  F  S  I  L  G  F
     1060      1070      1080      1090      1100      1110      1120      1130      1140      1150      1160      1170      1180      1190      1200
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     1210      1220      1230      1240      1250      1260      1270      1280      1290      1300      1310      1320      1330      1340      1350
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D  S  Q  F  V  E  V  E  G  Q  I  T  S  L  V  D  L  Y  P  S  F  L  R  K  G  Y  R  R  E  V  F  I  A  I  L  C  S  I  S  Y  L  L  G  L  S  M  V  T  E  G
     1360      1370      1380      1390      1400      1410      1420      1430      1440      1450      1460      1470      1480      1490      1500
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G  M  Y  V  F  Q  L  F  D  Y  Y  A  A  S  G  V  C  L  L  W  V  A  F  F  E  C  F  V  I  A  W  I  Y  G  G  D  N  L  Y  D  G  I  E  D  M  I  G  Y  R  P
     1510      1520      1530      1540      1550      1560      1570      1580      1590      1600      1610      1620      1630      1640      1650
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G  P  W  M  K  Y  S  W  A  V  I  T  P  V  L  C  A  G  C  F  I  F  S  L  V  K  Y  V  P  L  T  Y  N  K  Y  Y  Y  Y  P  D  W  A  I  G  L  G  W  G  L  A
     1660      1670      1680      1690      1700      1710      1720      1730      1740      1750      1760      1770      1780      1790      1800
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L  S  S  M  V  C  I  P  L  V  I  A  I  L  L  C  R  T  E  G  P  F  R  V  R  I  Q  Y  L  I  T  P  R  E  P  N  R  W  A  V  E  R  E  G  A  T  P  F  H  S
     1810      1820      1830      1840      1850      1860      1870
cgcacaagcctcgtcatgaacggcgcactcatgaaacccagtcacgtcattgtggagaccatgatgtga
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Figure 11

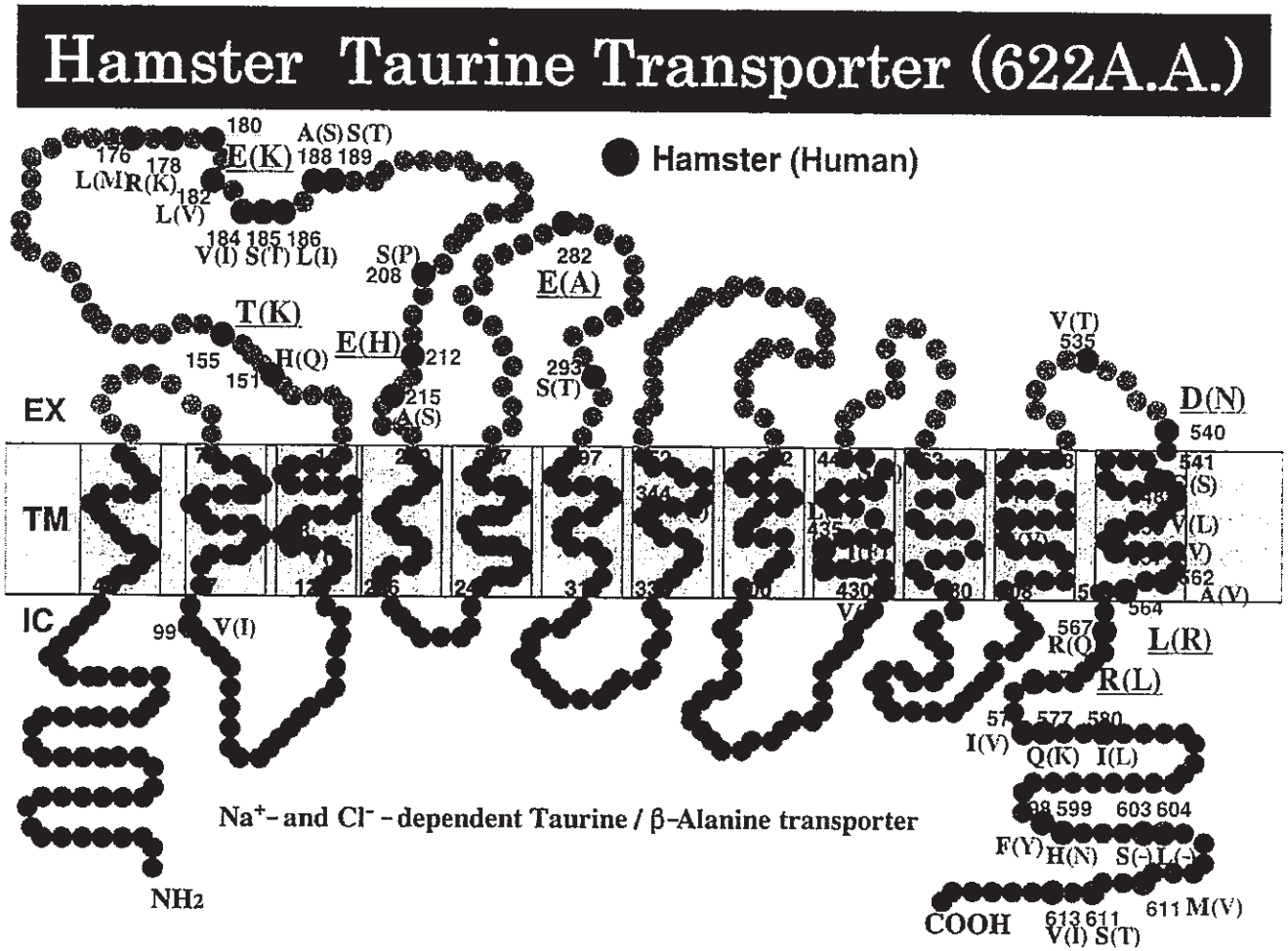
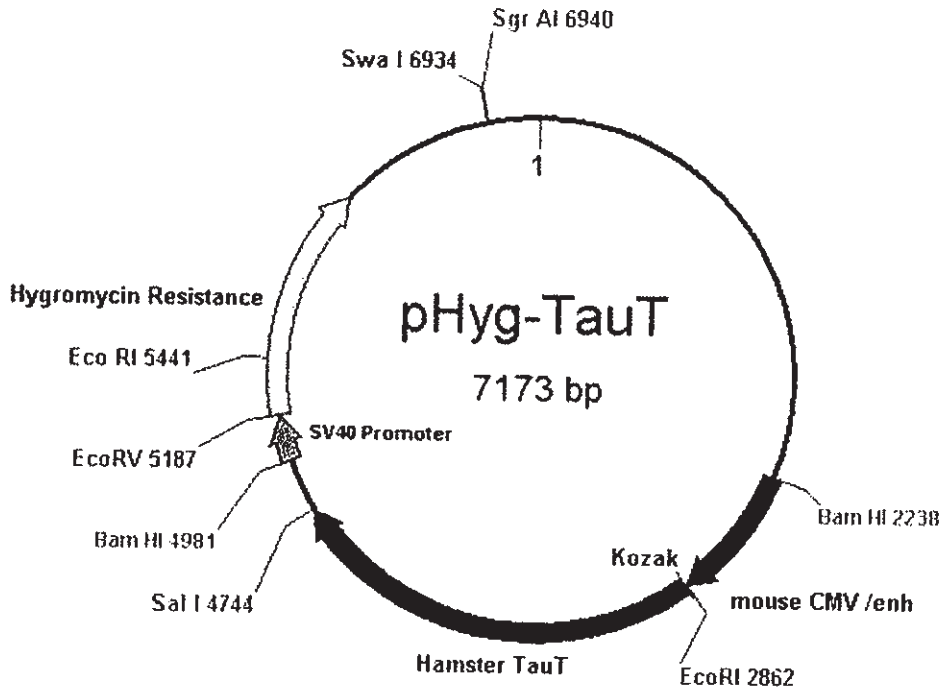

Hamster Taurine Transporter (622A.A.)
Hamster (Human)
EX
TM
IC
NH2
COOH
Na+- and Cl- - dependent Taurine / β-Alanine transporter

Figure 12


Sgr AI 6940
Swa I 6934
1
pHyg-TauT
7173 bp
Hygromycin Resistance
Eco RI 5441
SV40 Promoter
EcoRV 5187
Bam HI 4981
Sal I 4744
Hamster TauT
Kozak
mouse CMV /enh
Bam HI 2238
EcoRI 2862