Fig. 1

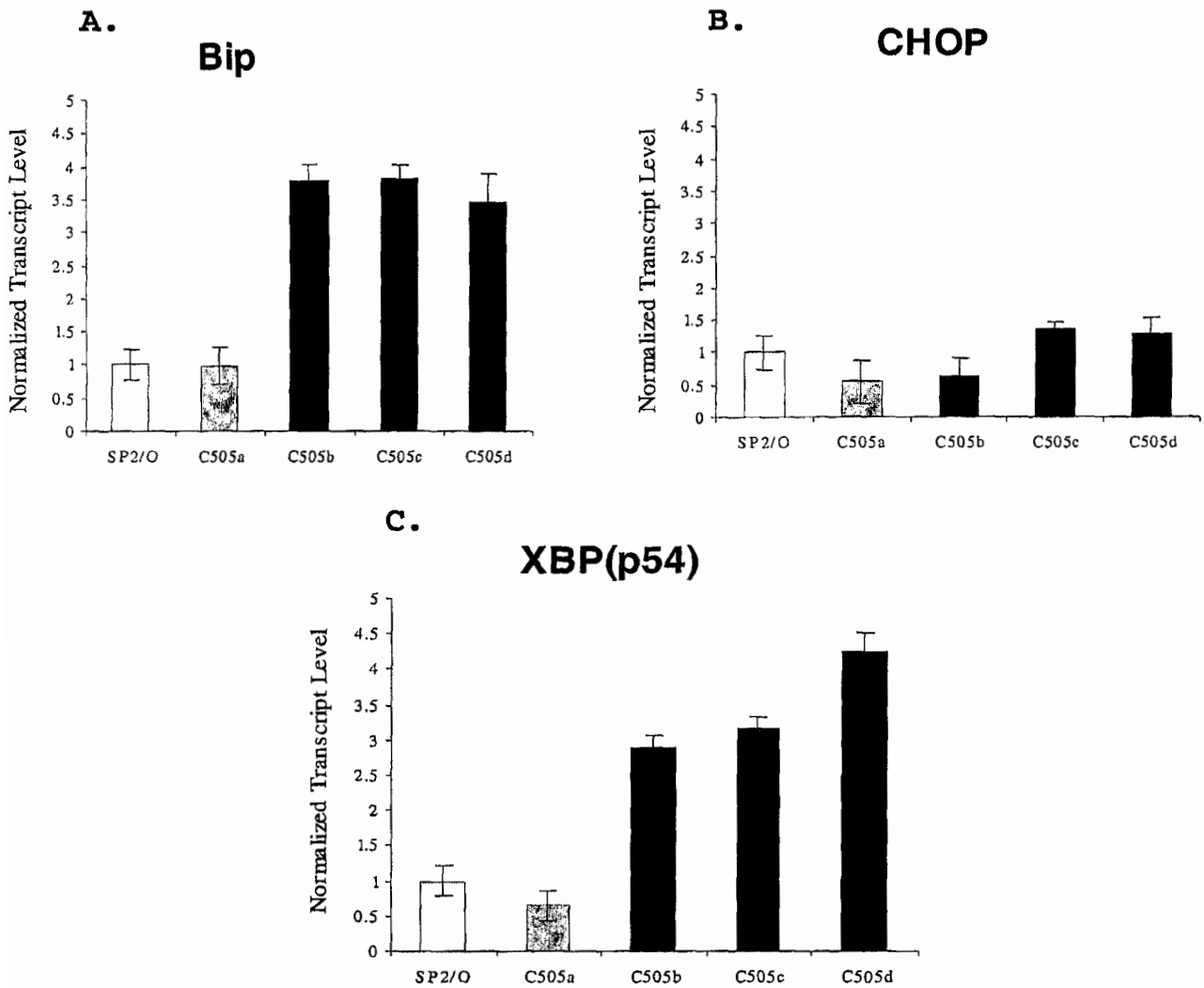
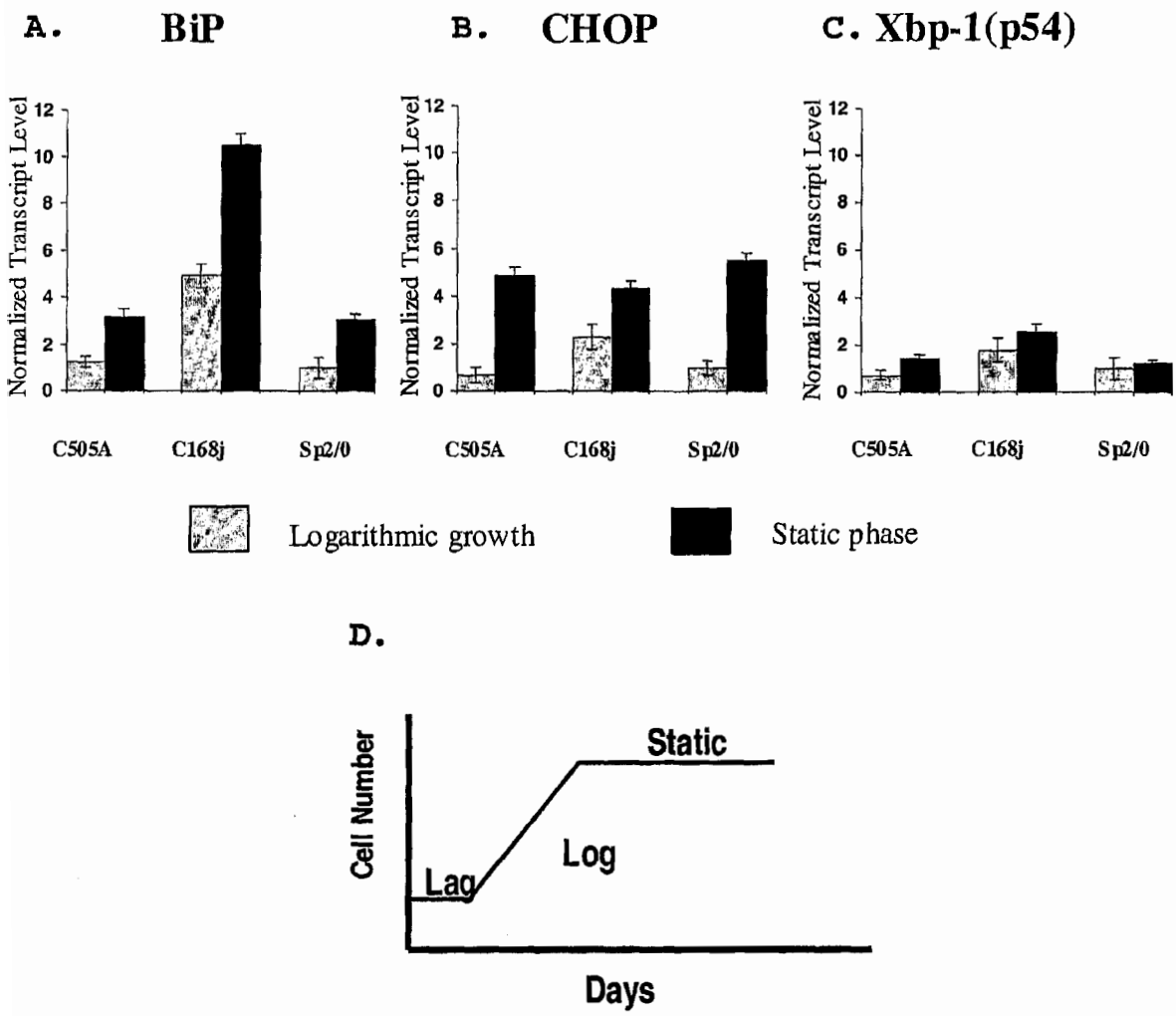

A.
Bip
Normalized Transcript Level
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
SP2/O
C505a
C505b
C505c
C505d
B.
CHOP
Normalized Transcript Level
SP2/O
C505a
C505b
C505c
C505d
C.
XBP(p54)
Normalized Transcript Level
SP2/O
C505a
C505b
C505c
C505d

Fig. 2


A. BiP
B. CHOP
C. Xbp-1(p54)
Normalized Transcript Level
0
2
4
6
8
10
12
C505A
C168j
Sp2/0
Logarithmic growth
Static phase
D.
Cell Number
Static
Log
Lag
Days

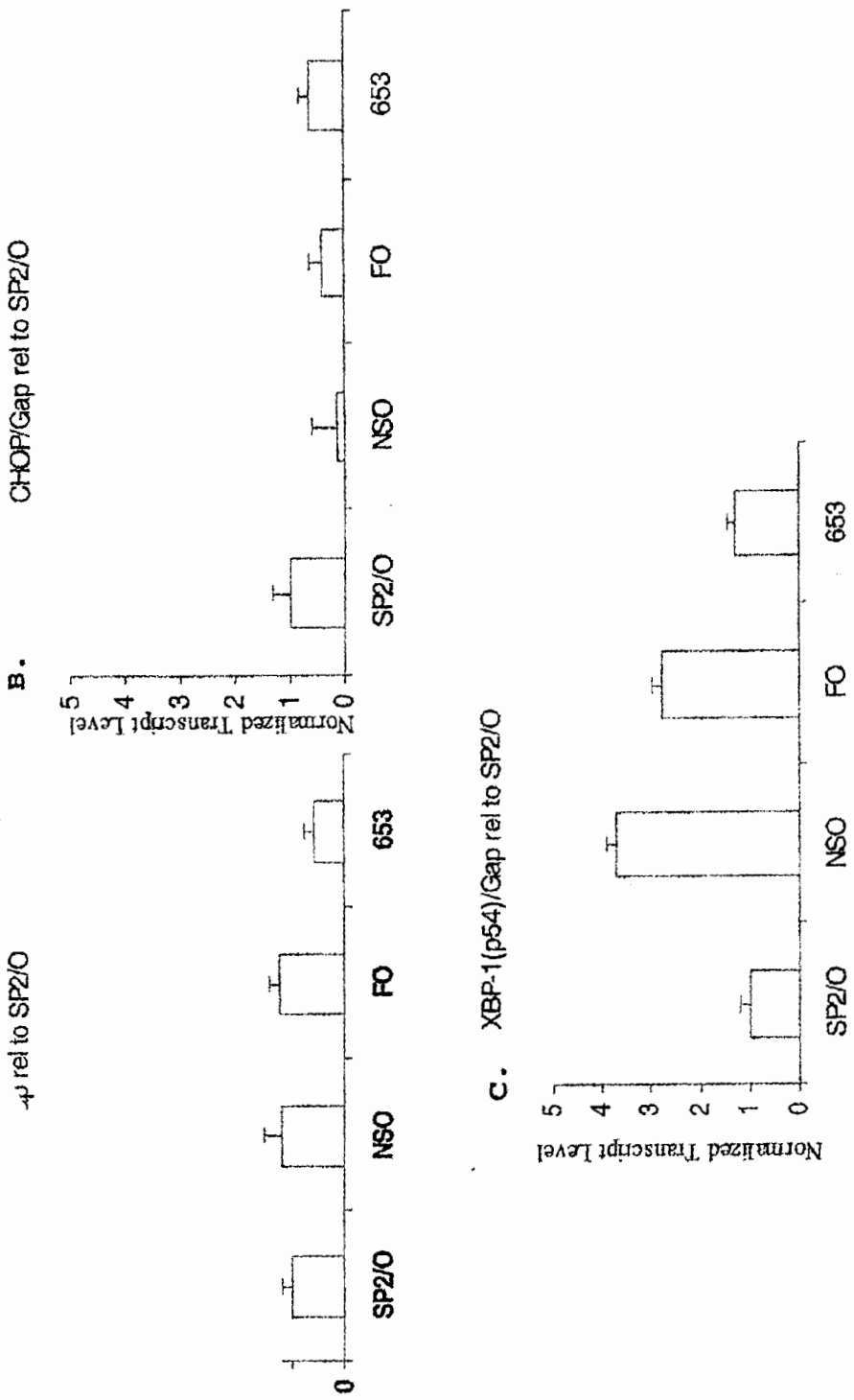

B.
CHOP/Gap rel to SP2/O
Normalized Transcript Level
0
1
2
3
4
5
SP2/O
NSO
FO
653
C.
XBP-1(p54)/Gap rel to SP2/O
Normalized Transcript Level
0
1
2
3
4
5
SP2/O
NSO
FO
653

Fig. 4

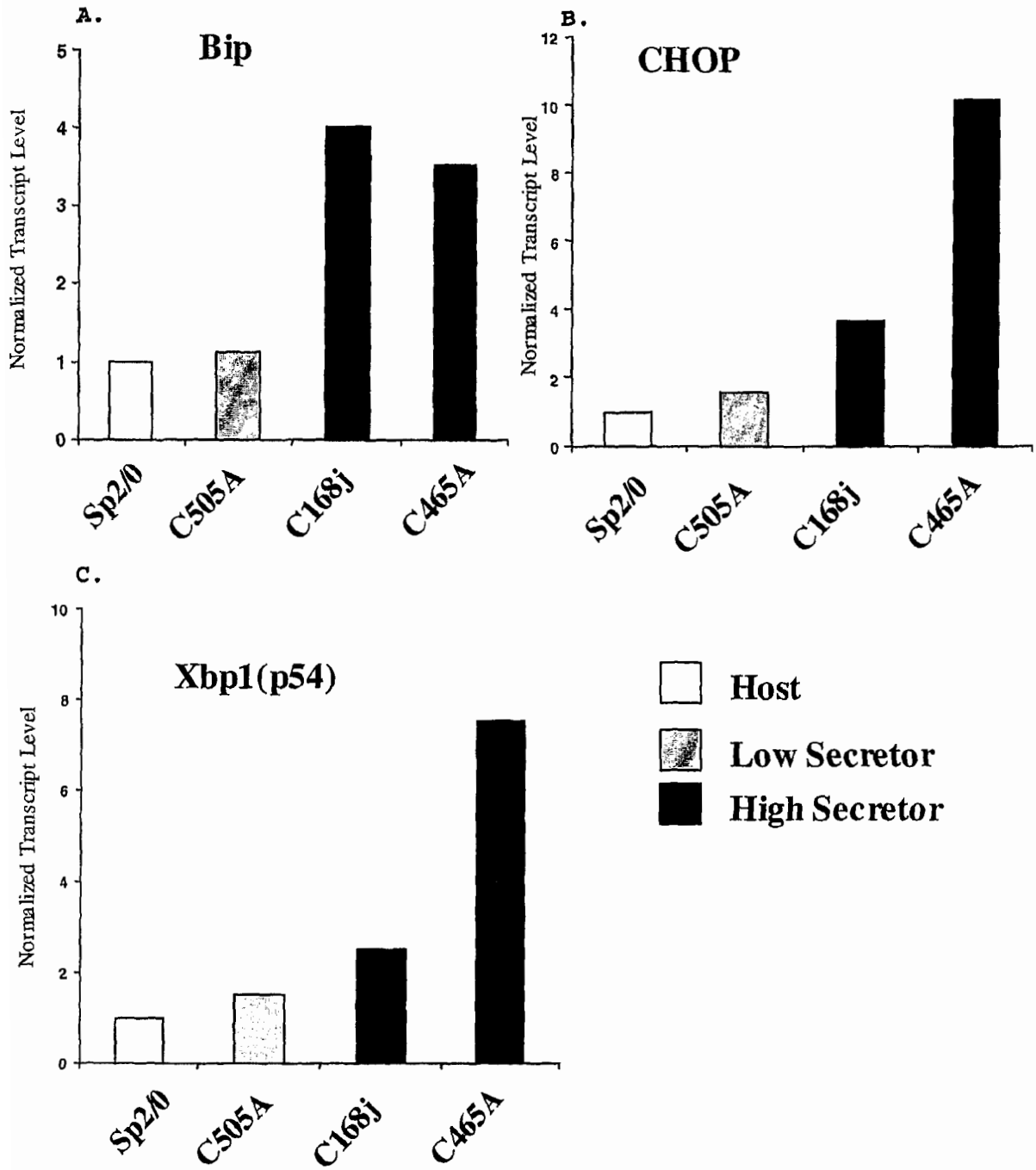

A.
Bip
Normalized Transcript Level
0
1
2
3
4
5
Sp2/0
C505A
C168j
C465A
B.
CHOP
Normalized Transcript Level
0
2
4
6
8
10
12
Sp2/0
C505A
C168j
C465A
C.
Xbp1(p54)
Normalized Transcript Level
0
2
4
6
8
10
Sp2/0
C505A
C168j
C465A
Host
Low Secretor
High Secretor

Fig. 5

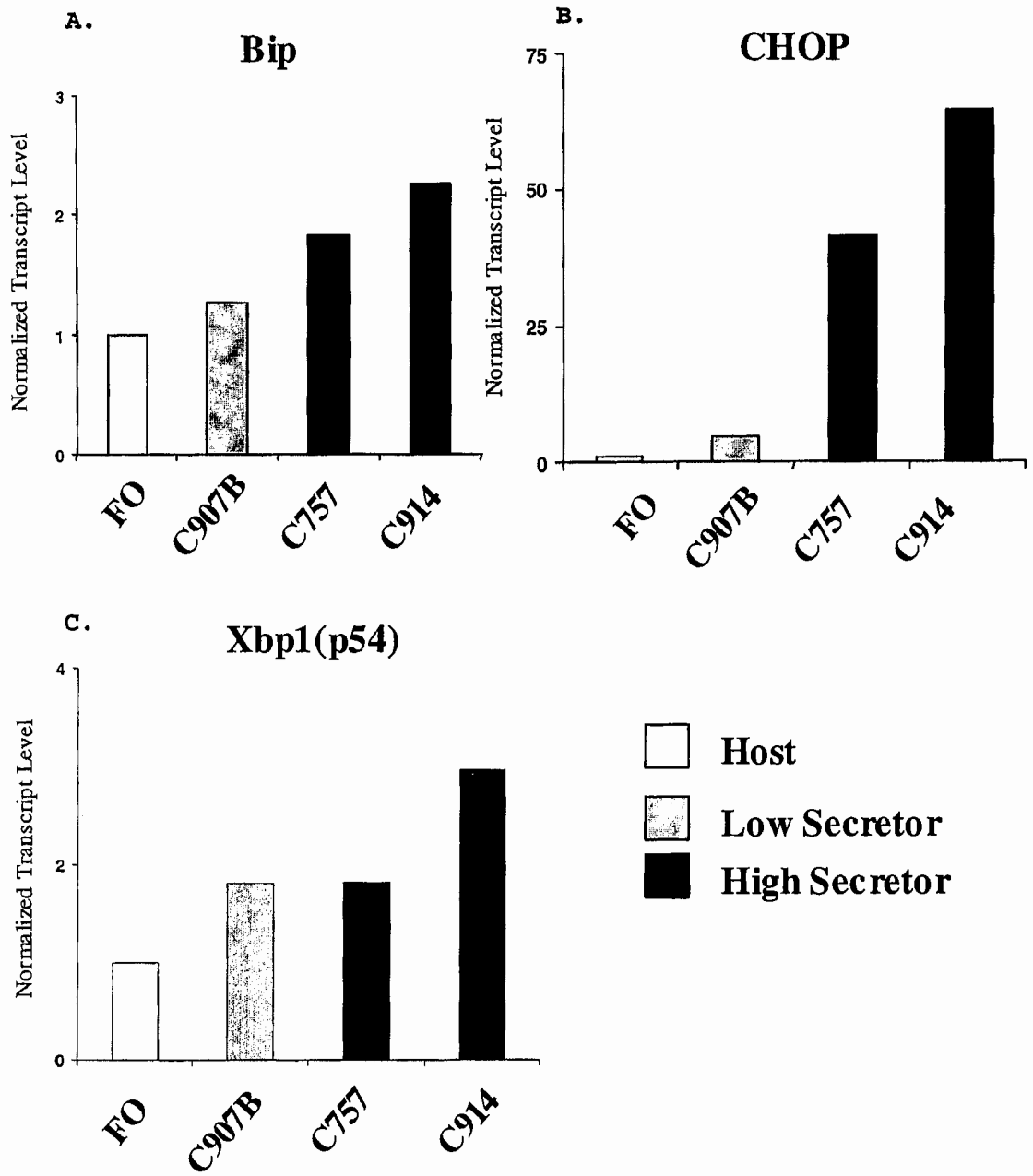

A.
Bip
Normalized Transcript Level
0
1
2
3
FO
C907B
C757
C914
B.
CHOP
Normalized Transcript Level
0
25
50
75
FO
C907B
C757
C914
C.
Xbp1(p54)
Normalized Transcript Level
0
2
4
FO
C907B
C757
C914
Host
Low Secretor
High Secretor

Fig. 6

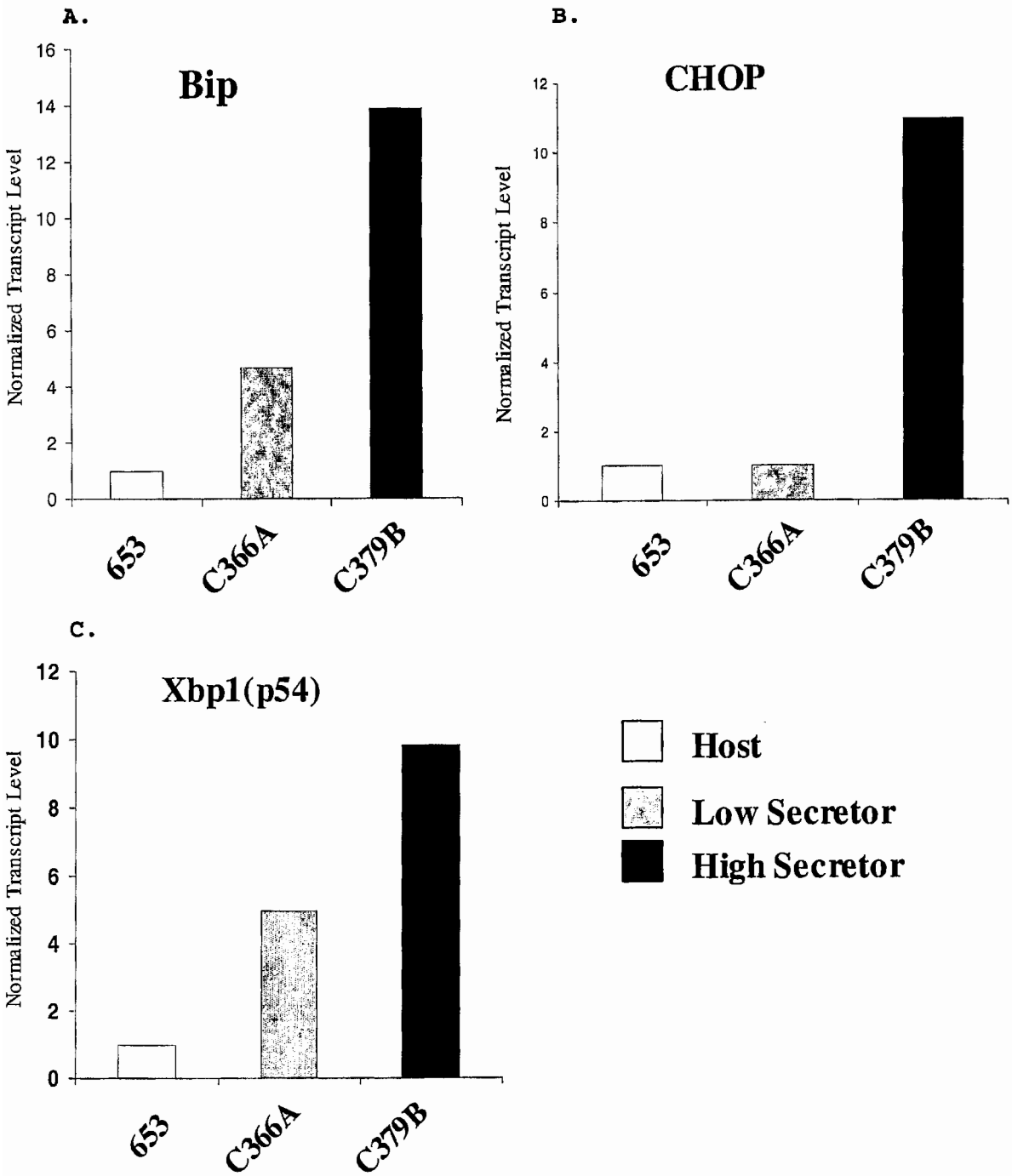

A.
Bip
Normalized Transcript Level
16
14
12
10
8
6
4
2
0
653
C366A
C379B
B.
CHOP
Normalized Transcript Level
12
10
8
6
4
2
0
653
C366A
C379B
C.
Xbp1(p54)
Normalized Transcript Level
12
10
8
6
4
2
0
653
C366A
C379B
Host
Low Secretor
High Secretor

Fig. 7

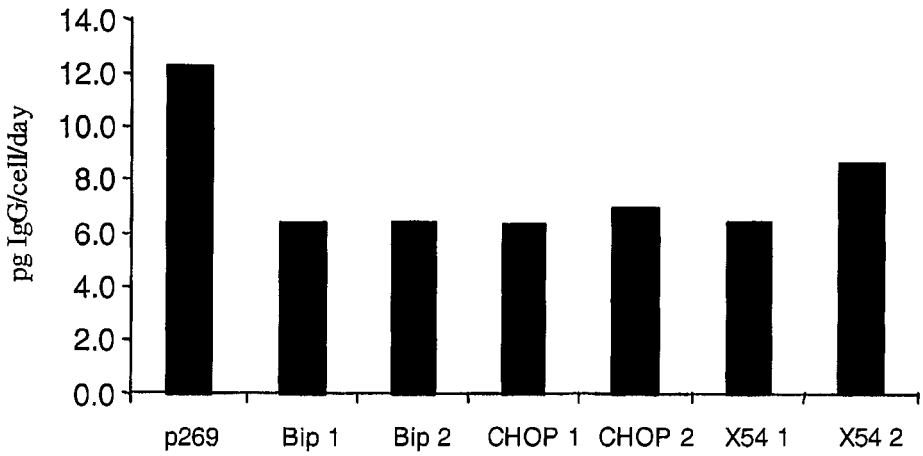

14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
pg IgG/cell/day
p269
Bip 1
Bip 2
CHOP 1
CHOP 2
X54 1
X54 2

Fig. 8

