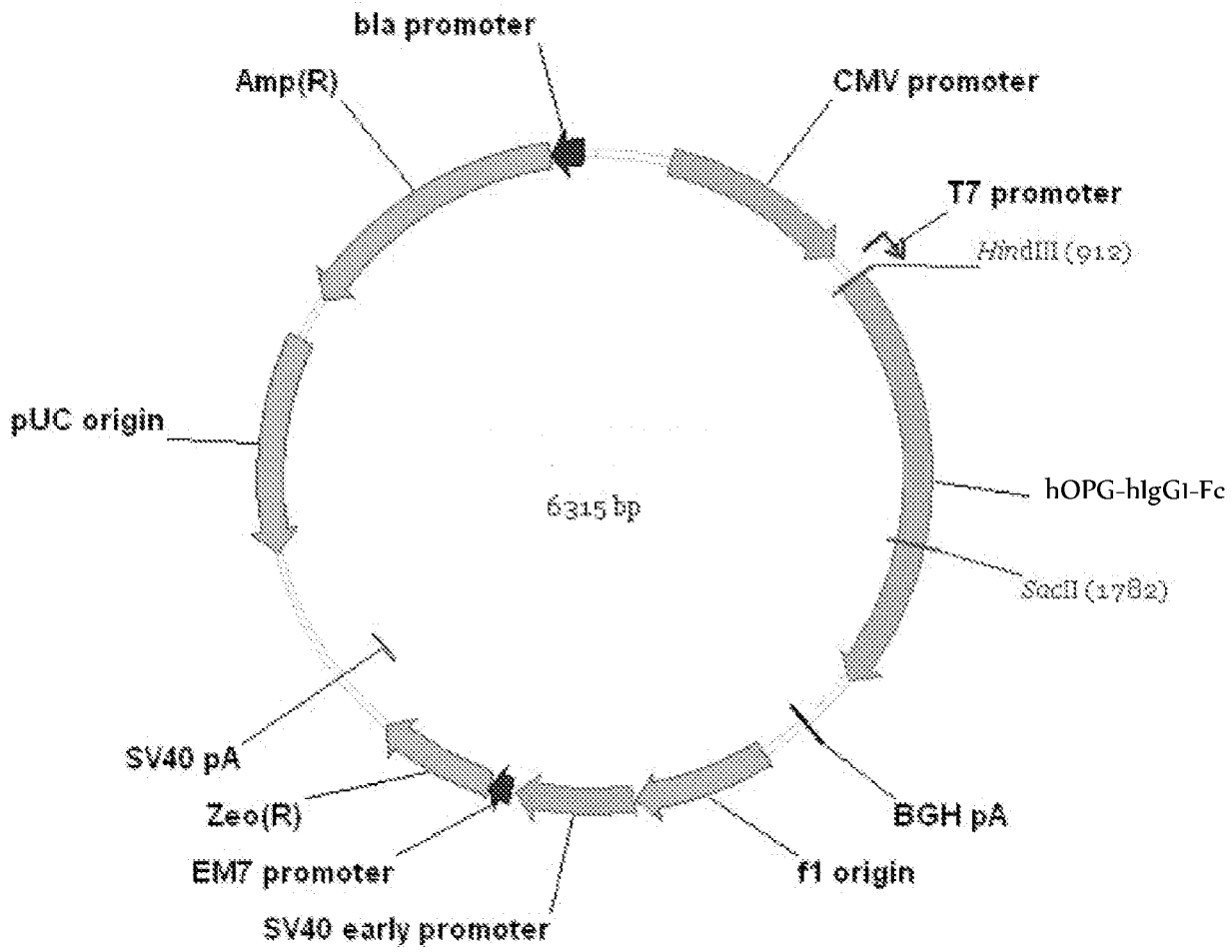

bla promoter
Amp(R)
CMV promoter
T7 promoter
HindIII (912)
pUC origin
6315 bp
hOPG-hIgG1-Fc
SacII (1782)
SV40 pA
Zeo(R)
EM7 promoter
SV40 early promoter
f1 origin
BGH pA

FIGURE 1

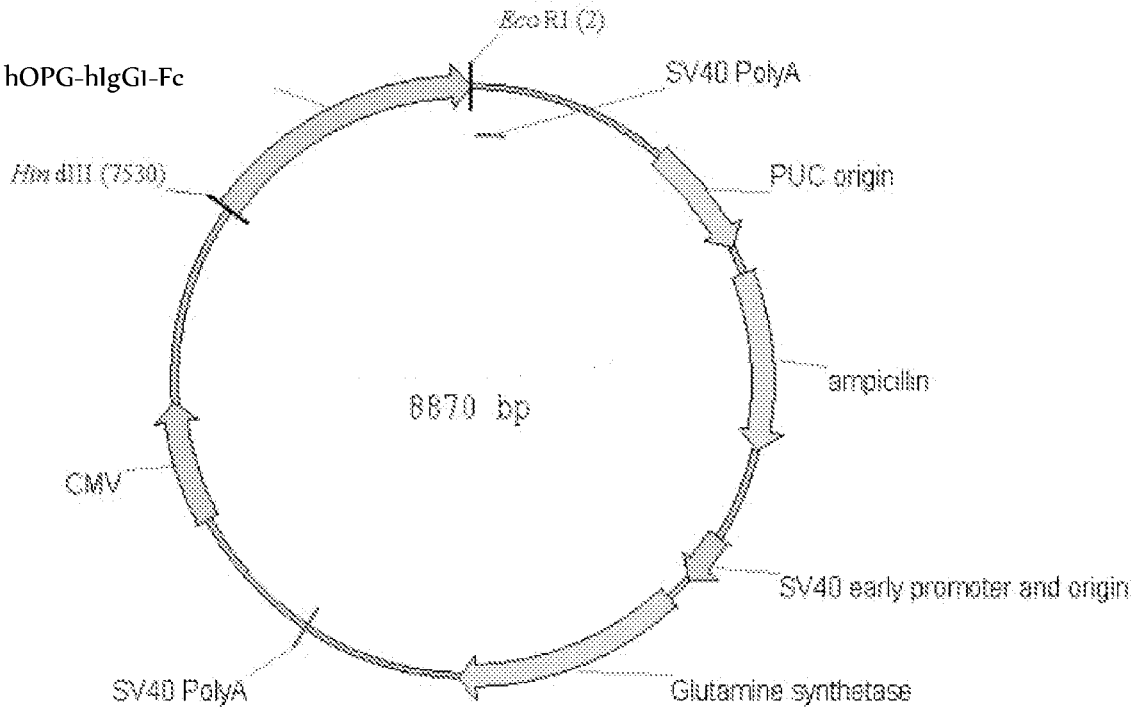

EcoRI (2)
hOPG-hIgG1-Fc
SV40 PolyA
HindIII (7530)
PUC origin
6870 bp
ampicillin
CMV
SV40 early promoter and origin
SV40 PolyA
Glutamine synthetase

FIGURE 2

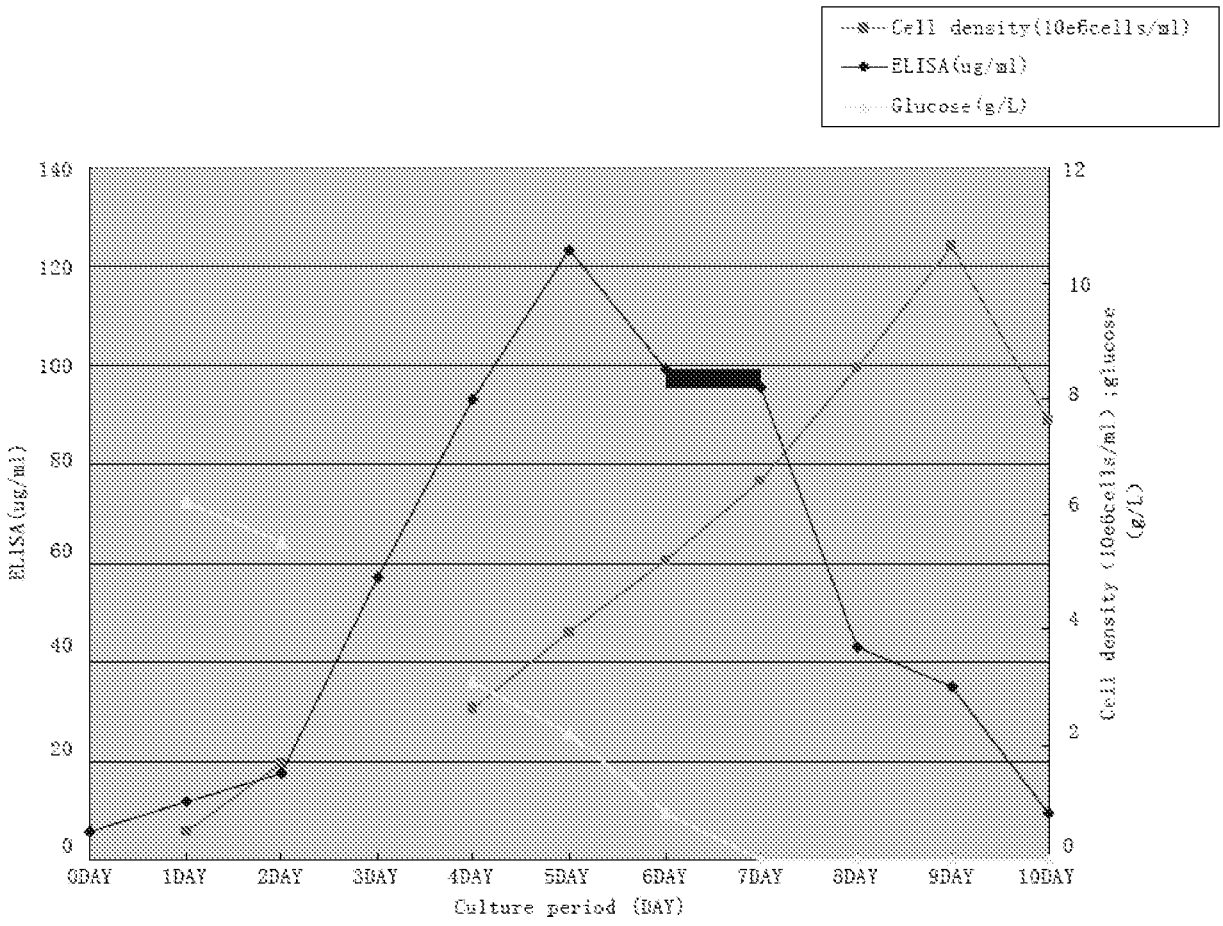

Cell density(10e6cells/ml)
ELISA(ug/ml)
Glucose(g/L)
ELISA(ug/ml)
Cell density (10e6cells/ml) ;glucose (g/L)
Culture period (DAY)
0DAY
1DAY
2DAY
3DAY
4DAY
5DAY
6DAY
7DAY
8DAY
9DAY
10DAY
0
20
40
60
80
100
120
140
0
2
4
6
8
10
12

FIGURE 3

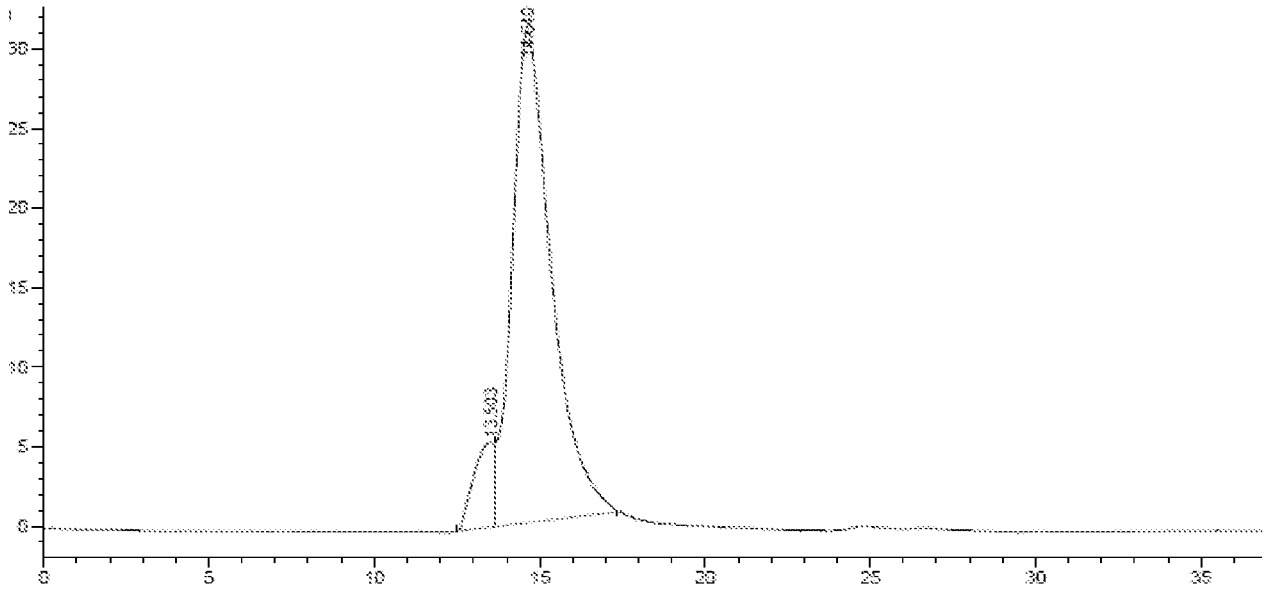


FIGURE 4

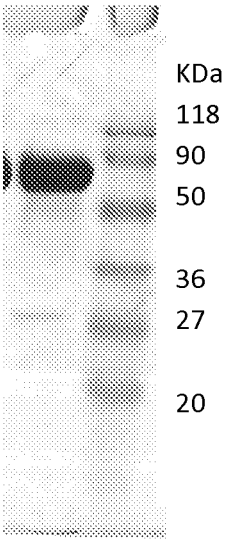


FIGURE 5

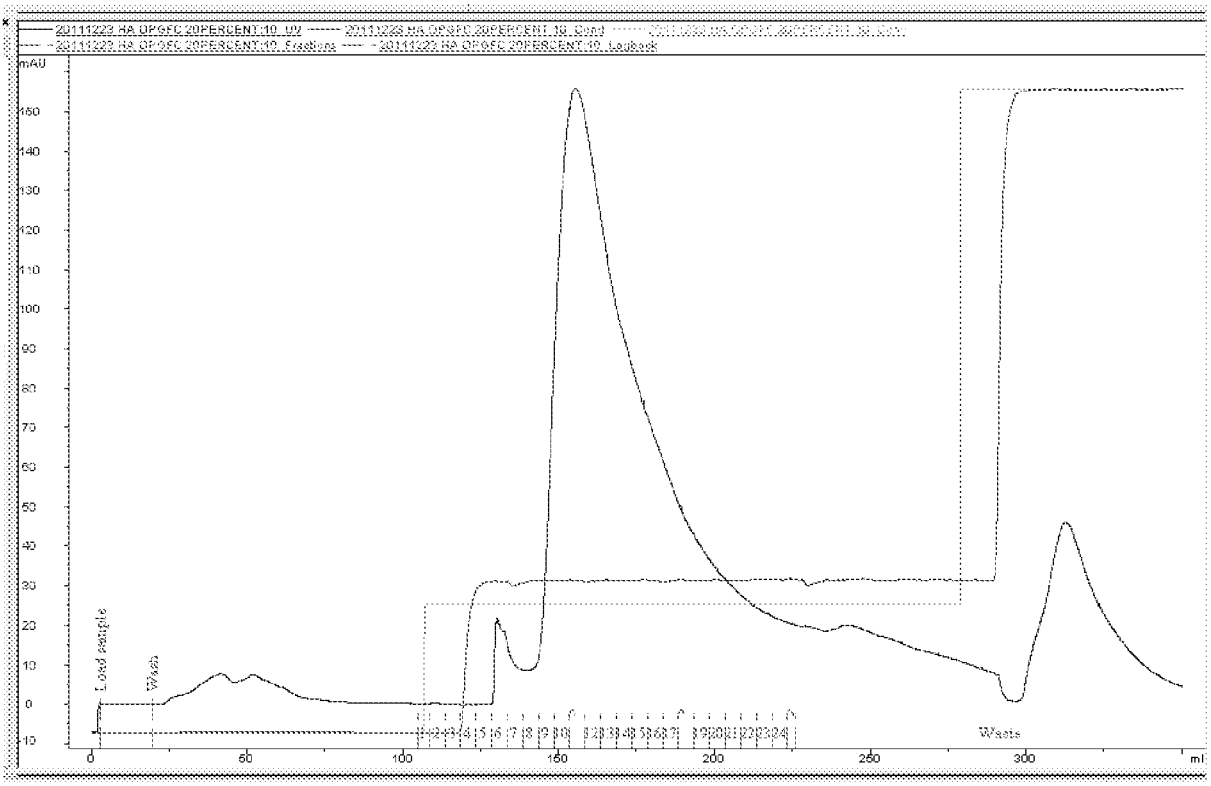


FIGURE 6

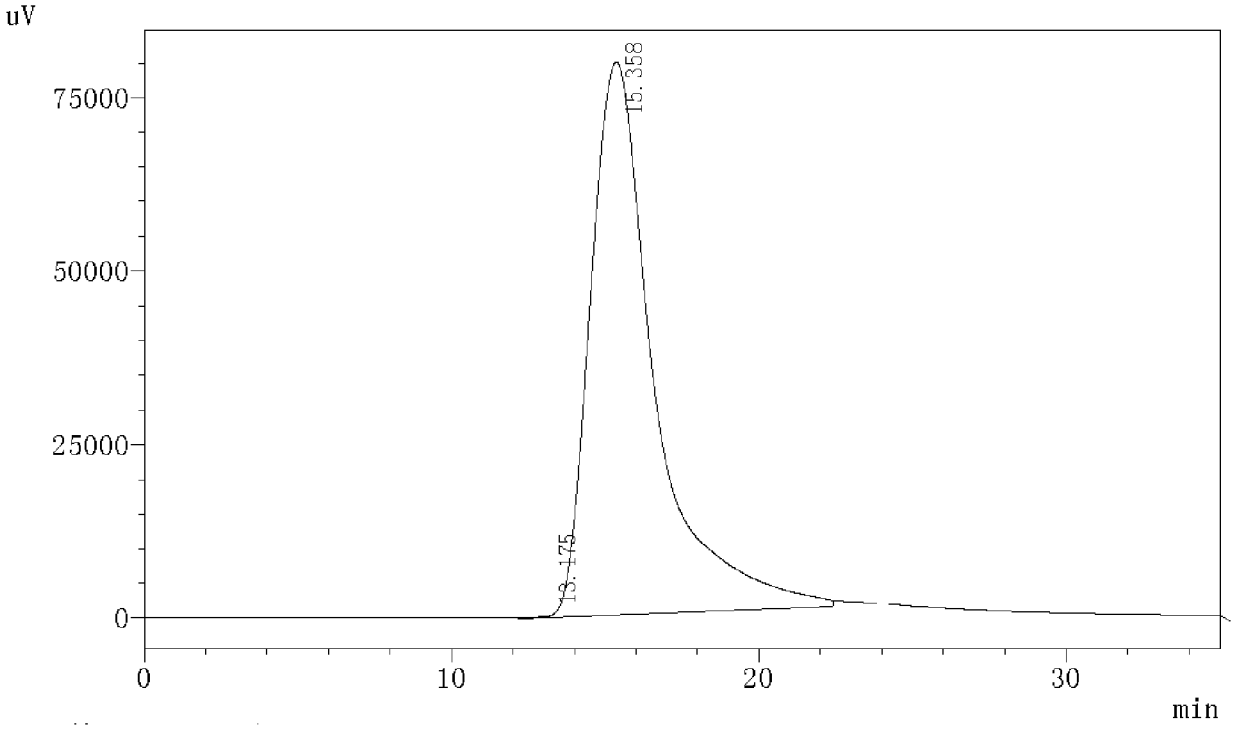


FIGURE 7

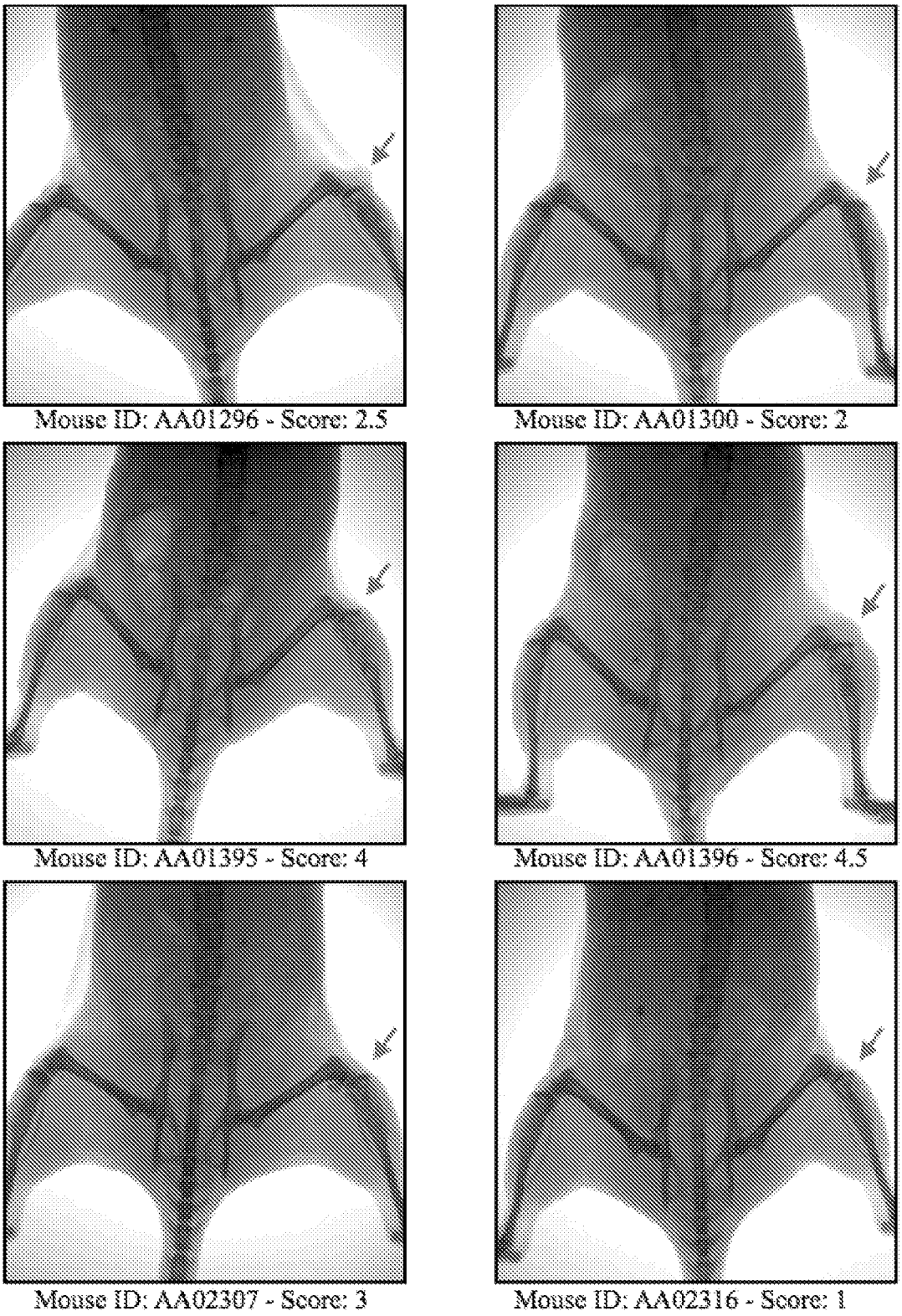

Mouse ID: AA01296 - Score: 2.5
Mouse ID: AA01300 - Score: 2
Mouse ID: AA01395 - Score: 4
Mouse ID: AA01396 - Score: 4.5
Mouse ID: AA02307 - Score: 3
Mouse ID: AA02316 - Score: 1

FIGURE 8

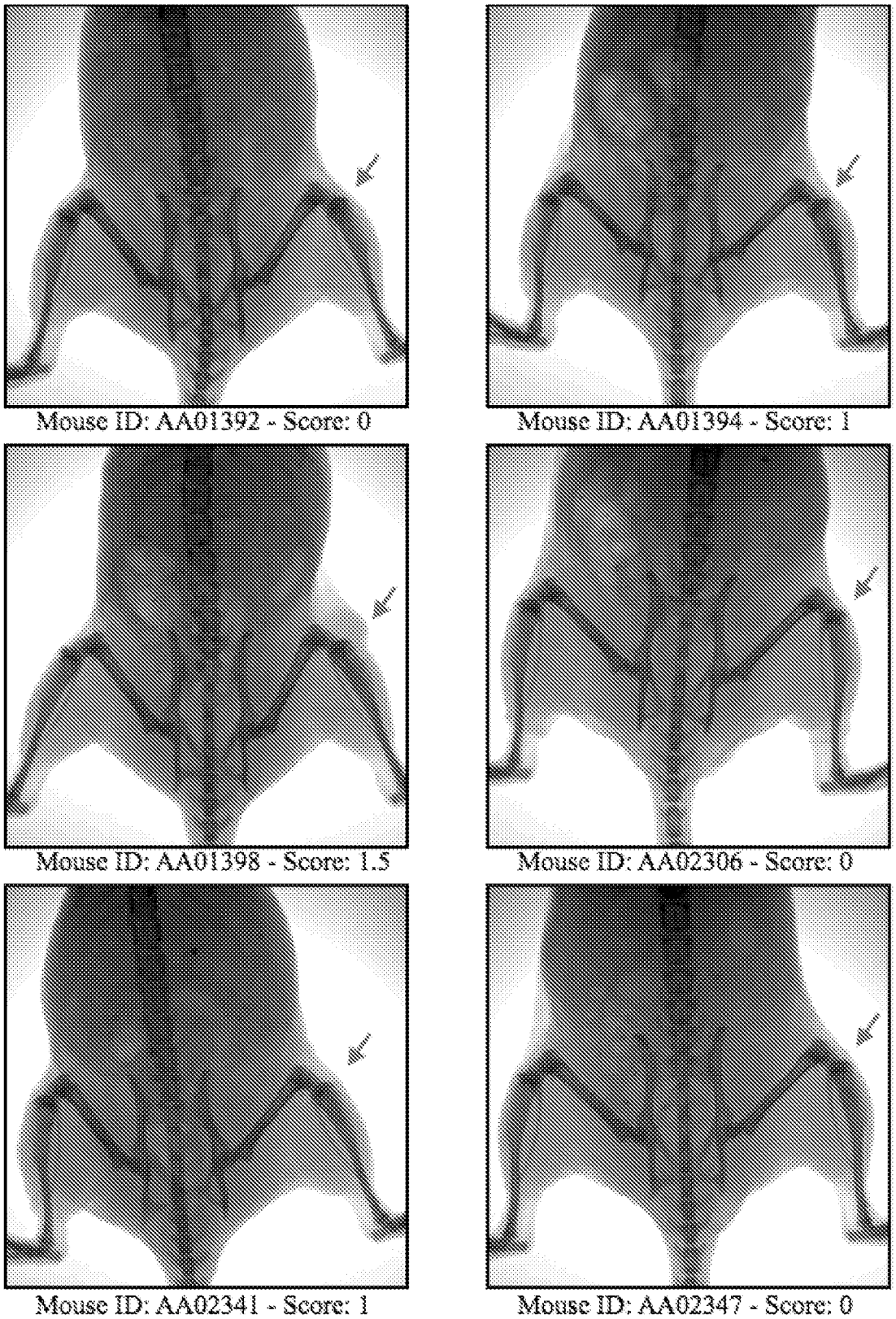

Mouse ID: AA01392 - Score: 0
Mouse ID: AA01394 - Score: 1
Mouse ID: AA01398 - Score: 1.5
Mouse ID: AA02306 - Score: 0
Mouse ID: AA02341 - Score: 1
Mouse ID: AA02347 - Score: 0

FIGURE 9

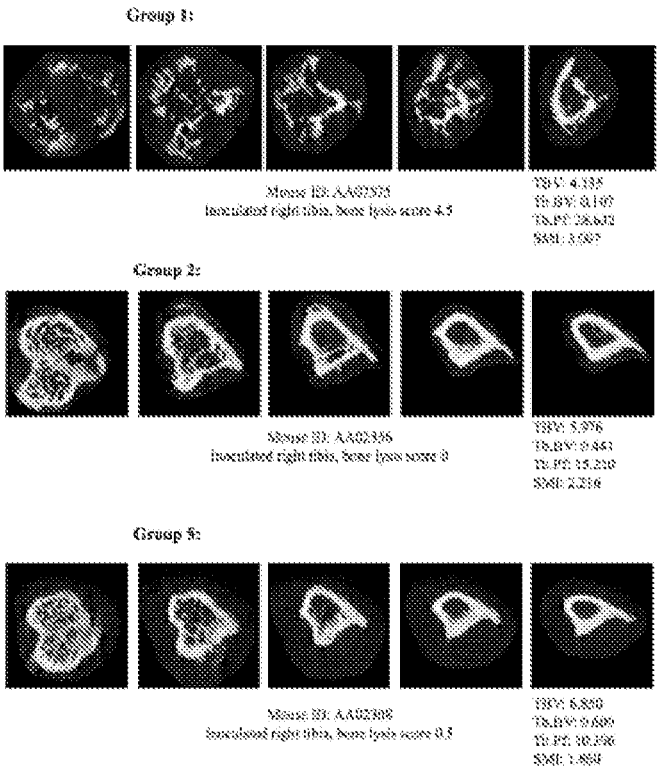


FIGURE 10

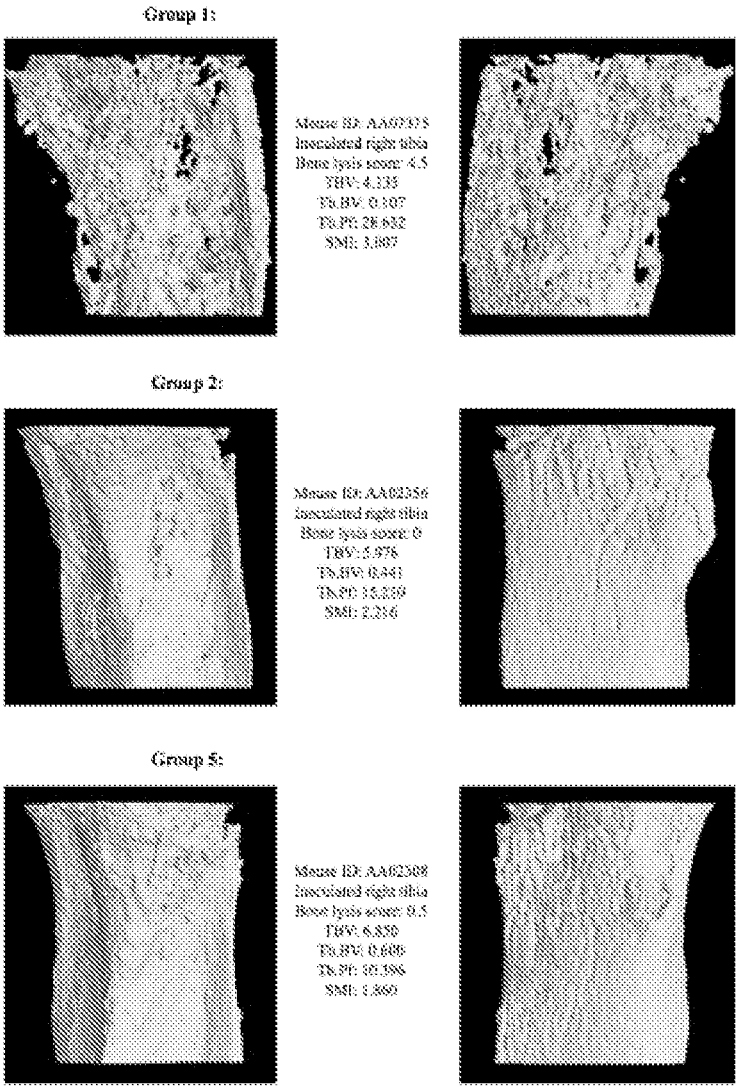

Group 1:
Mouse ID: AA07315
Inoculated right tibia
Bone lysis score: 4.5
TBV: 4.133
Tb.BV: 0.107
Tb.Pf: 28.632
SMI: 3.887
Group 2:
Mouse ID: AA02356
Inoculated right tibia
Bone lysis score: 0
TBV: 5.978
Tb.BV: 0.341
Tb.Pf: 15.219
SMI: 2.216
Group 5:
Mouse ID: AA02308
Inoculated right tibia
Bone lysis score: 0.5
TBV: 6.850
Tb.BV: 0.608
Tb.Pf: 95.396
SMI: 1.869

FIGURE 11