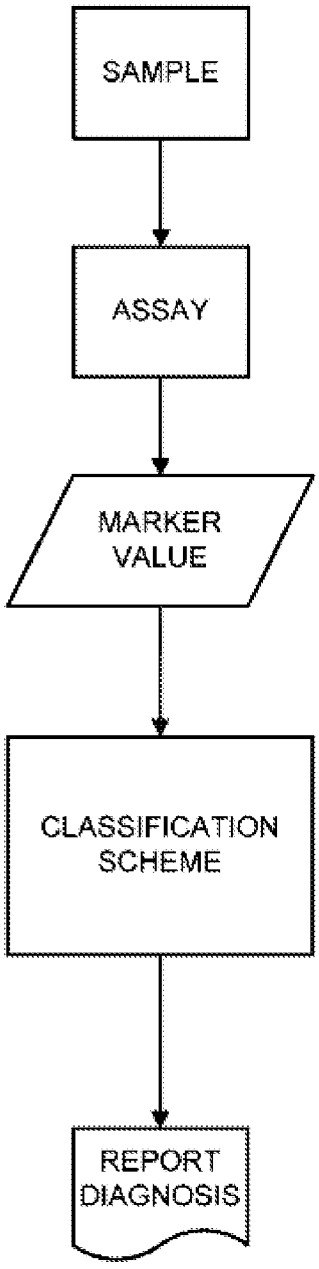

SAMPLE
ASSAY
MARKER VALUE
CLASSIFICATION SCHEME
REPORT DIAGNOSIS

FIG. 1A

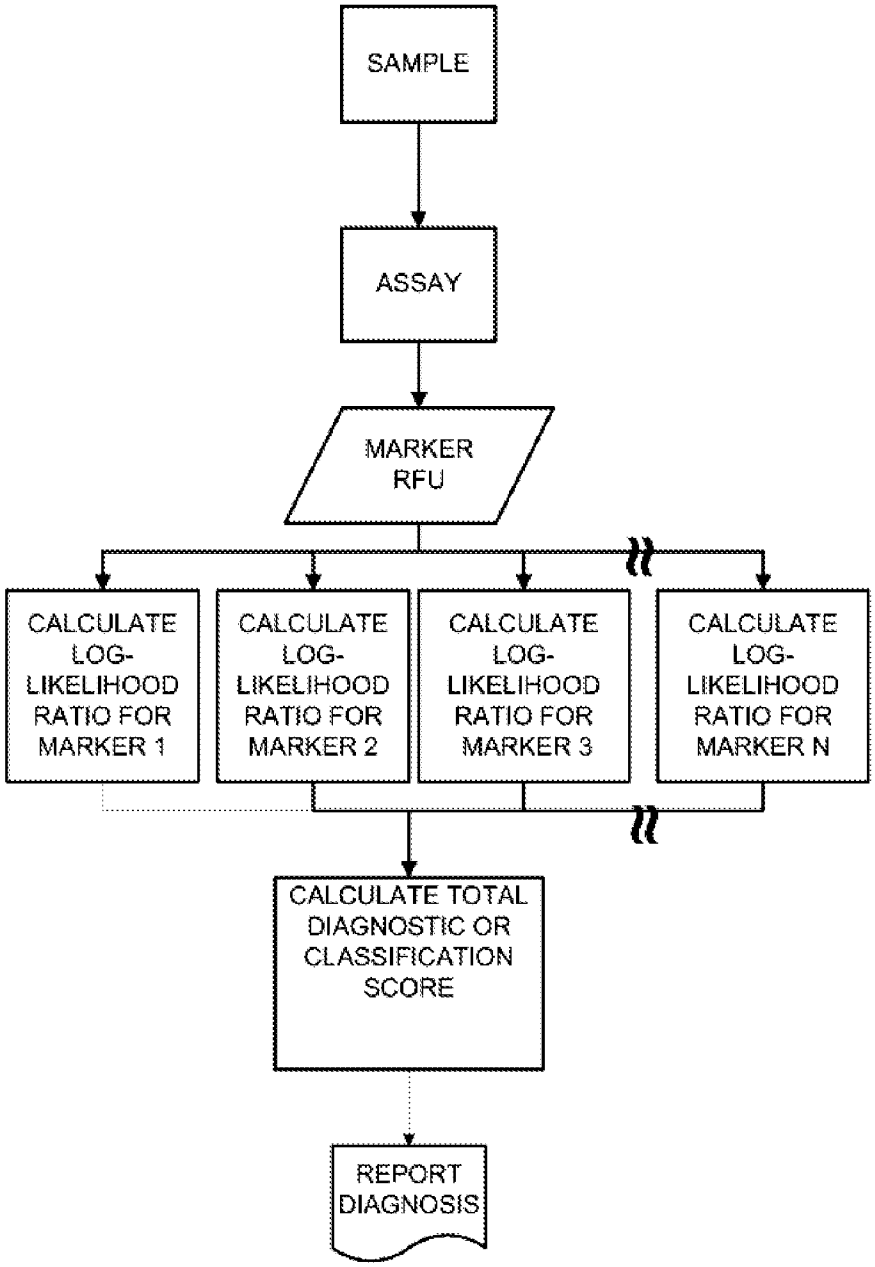

SAMPLE
ASSAY
MARKER RFU
CALCULATE LOG-LIKELIHOOD RATIO FOR MARKER 1
CALCULATE LOG-LIKELIHOOD RATIO FOR MARKER 2
CALCULATE LOG-LIKELIHOOD RATIO FOR MARKER 3
CALCULATE LOG-LIKELIHOOD RATIO FOR MARKER N
CALCULATE TOTAL DIAGNOSTIC OR CLASSIFICATION SCORE
REPORT DIAGNOSIS

FIG. 1B

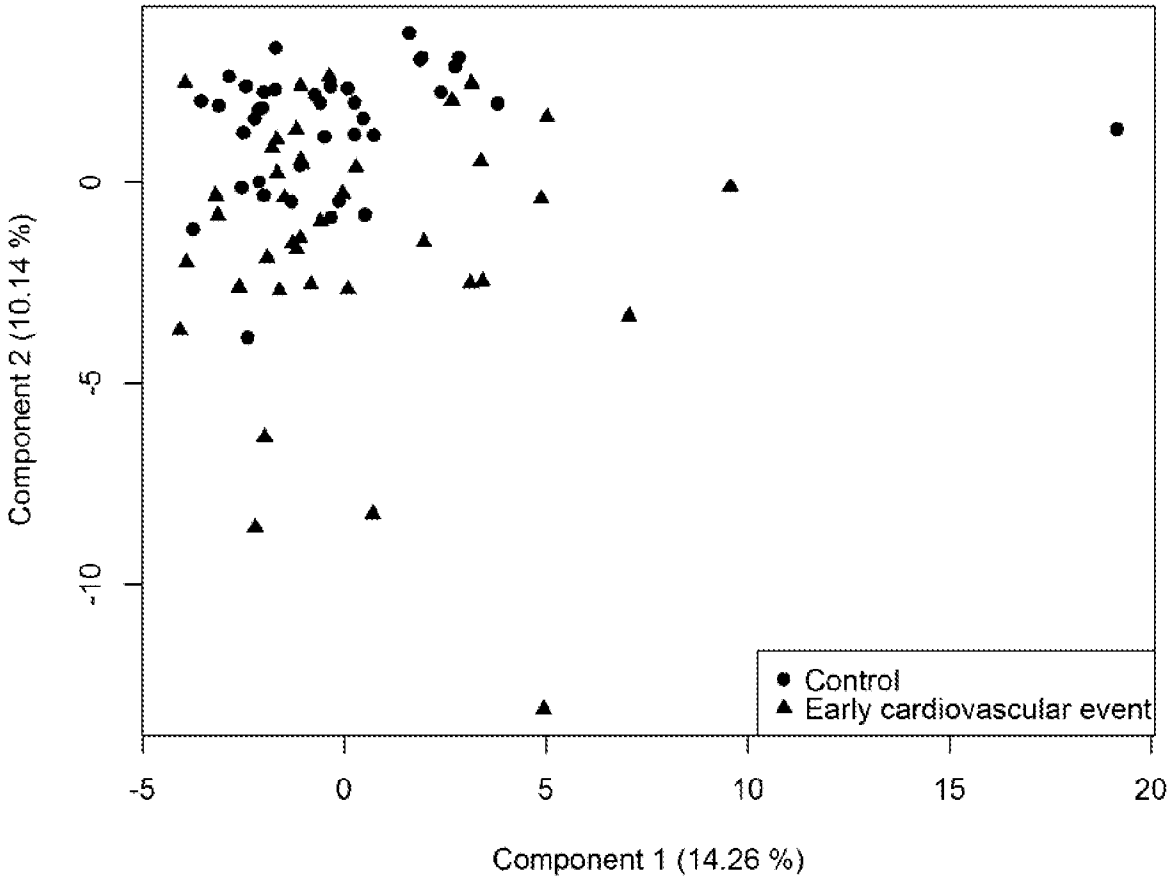

Component 2 (10.14 %)
0
-5
-10
-5
0
5
10
15
20
Component 1 (14.26 %)
Control
Early cardiovascular event

FIG. 2A

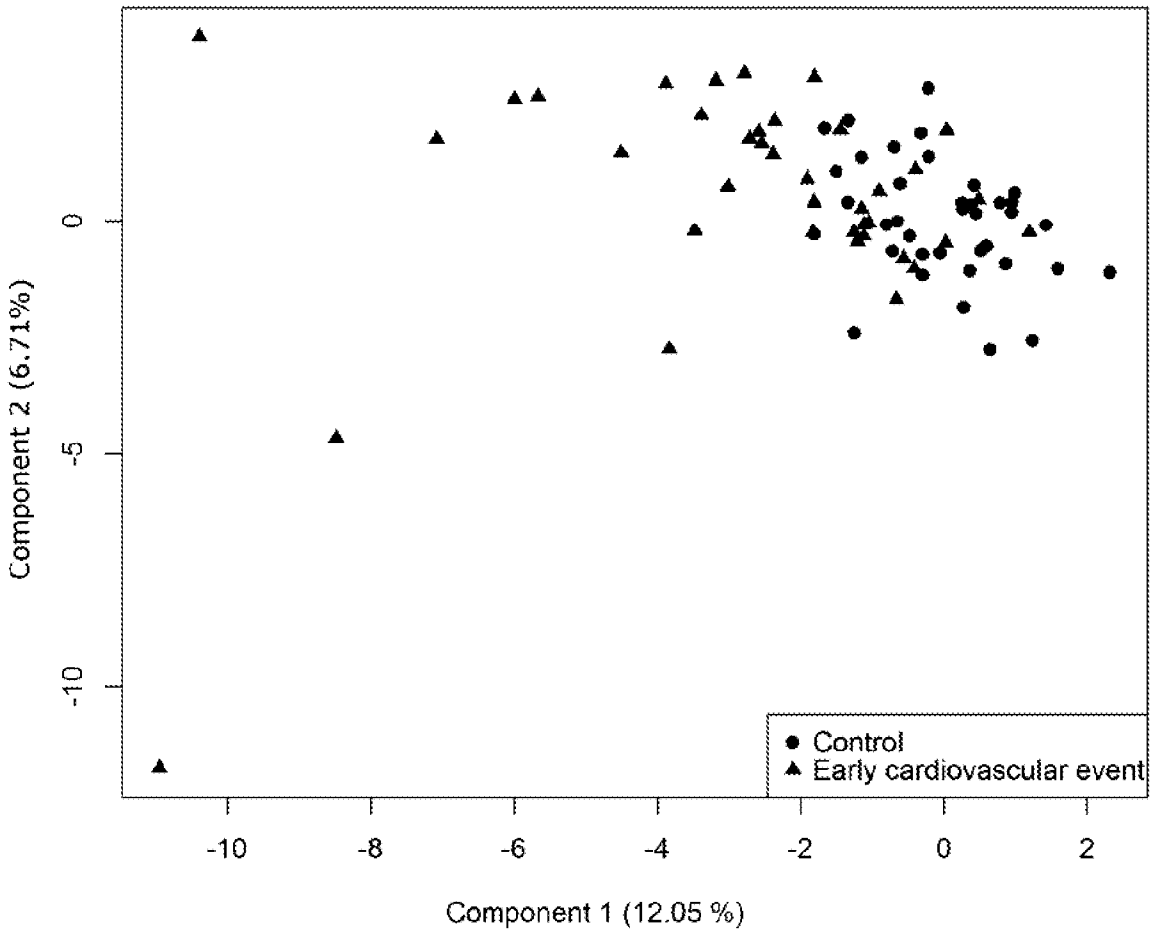

Component 2 (6.71%)
0
-5
-10
-10
-8
-6
-4
-2
0
2
Component 1 (12.05 %)
Control
Early cardiovascular event

FIG. 2B

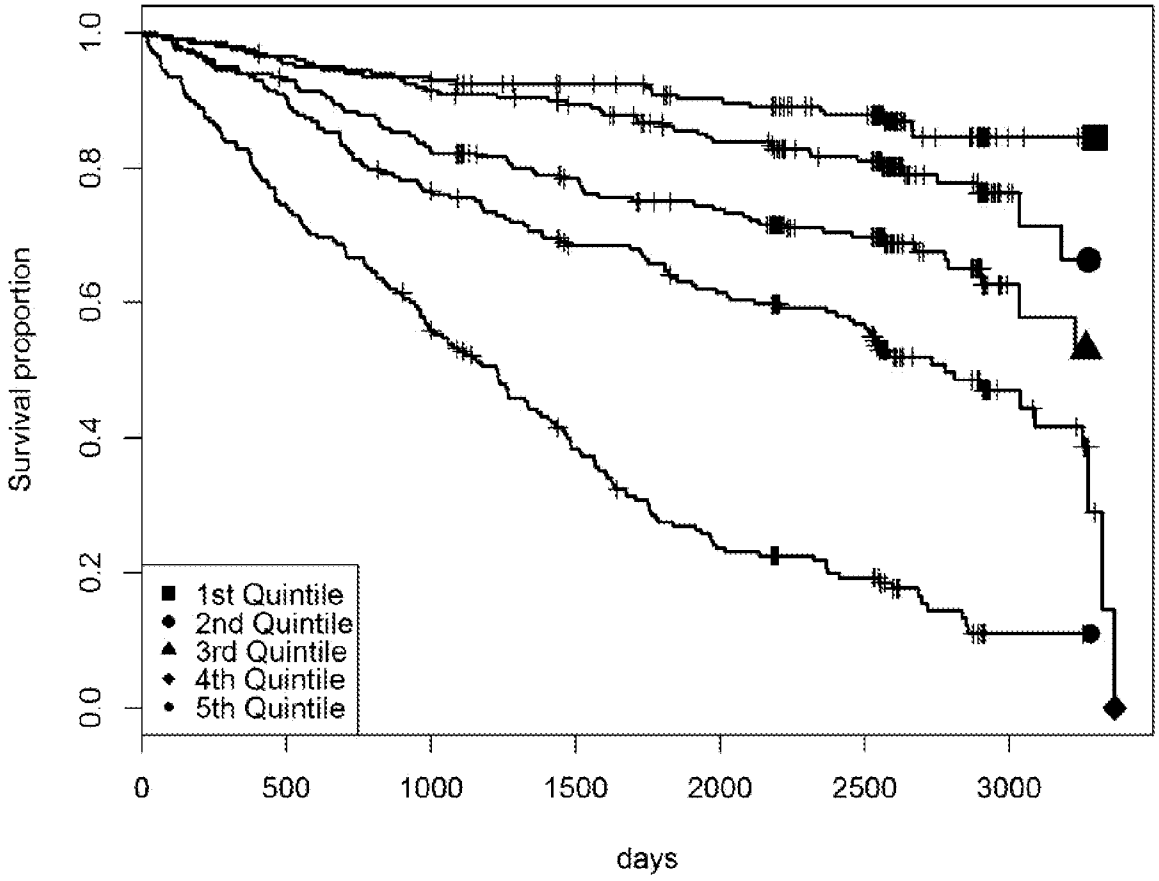

Survival proportion
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3A

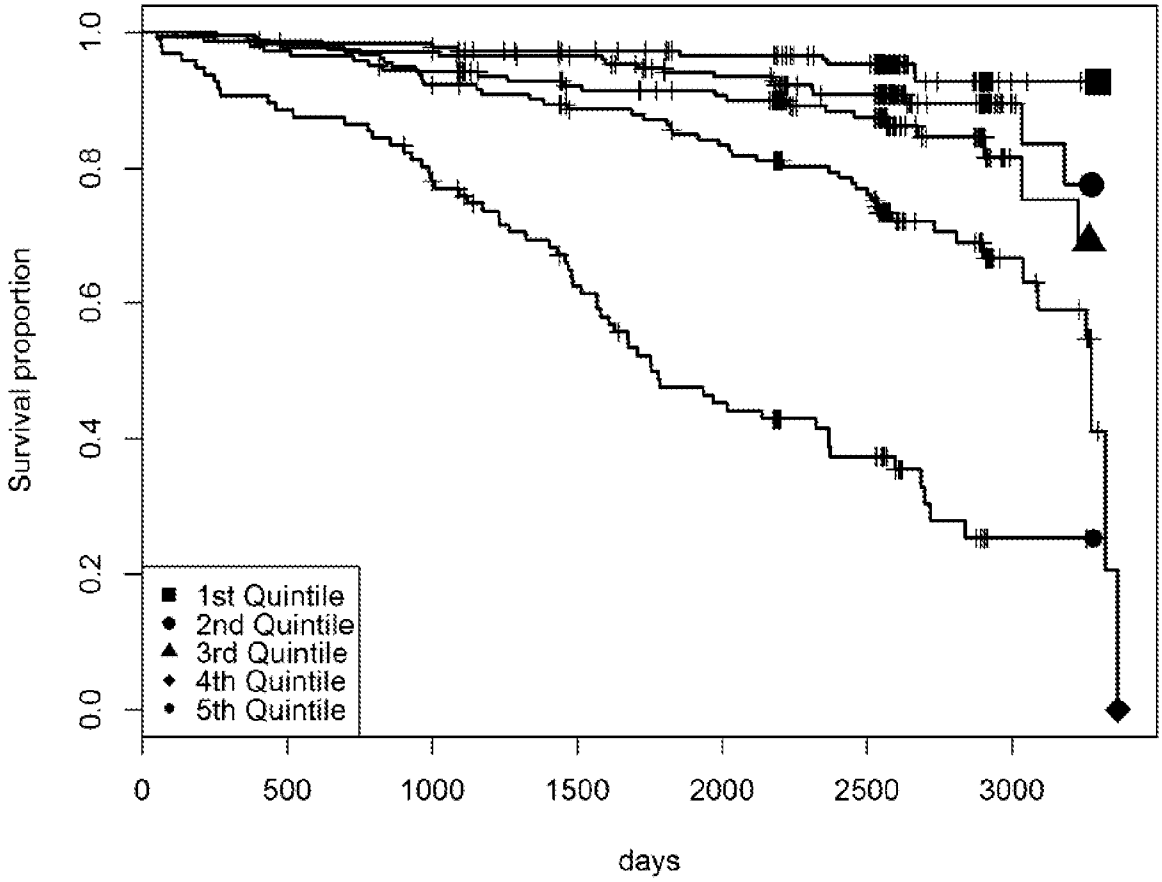

Survival proportion
1.0
0.8
0.6
0.4
0.2
0.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3B

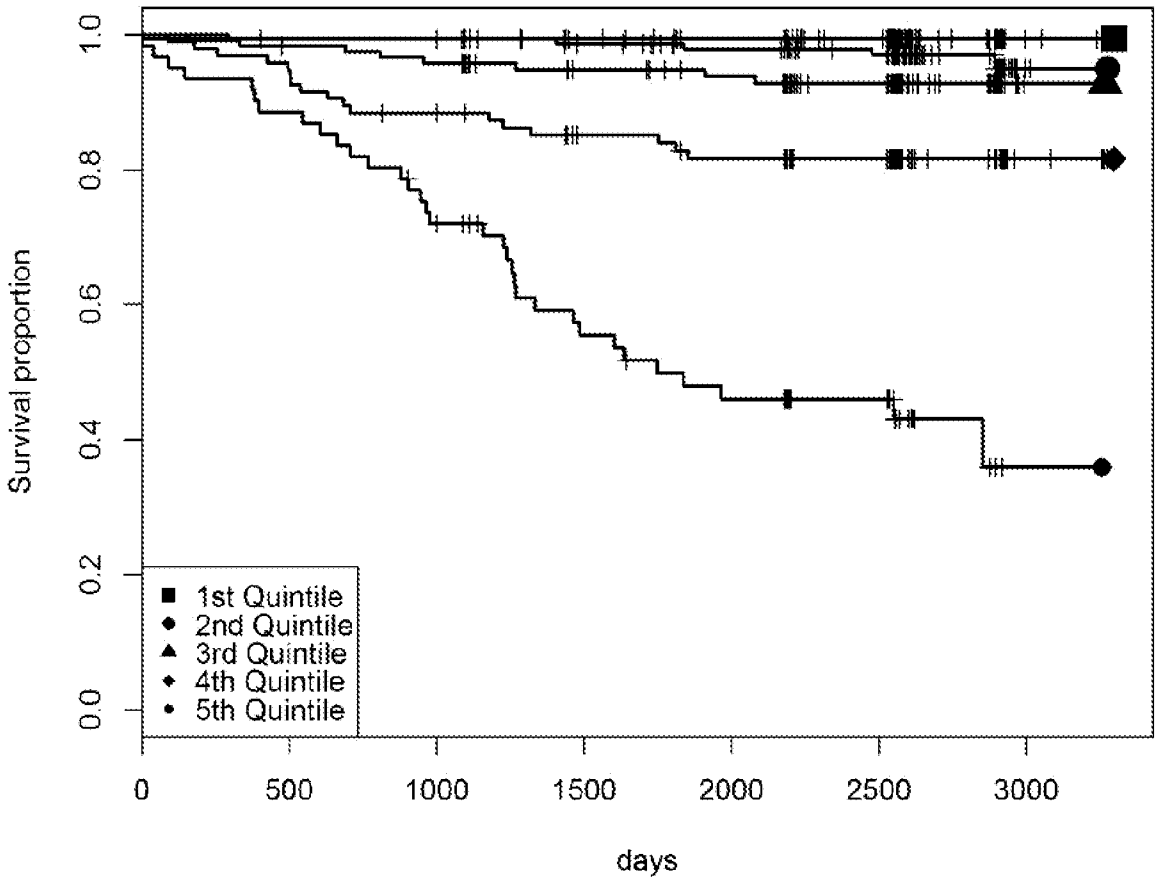

Survival proportion
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3C

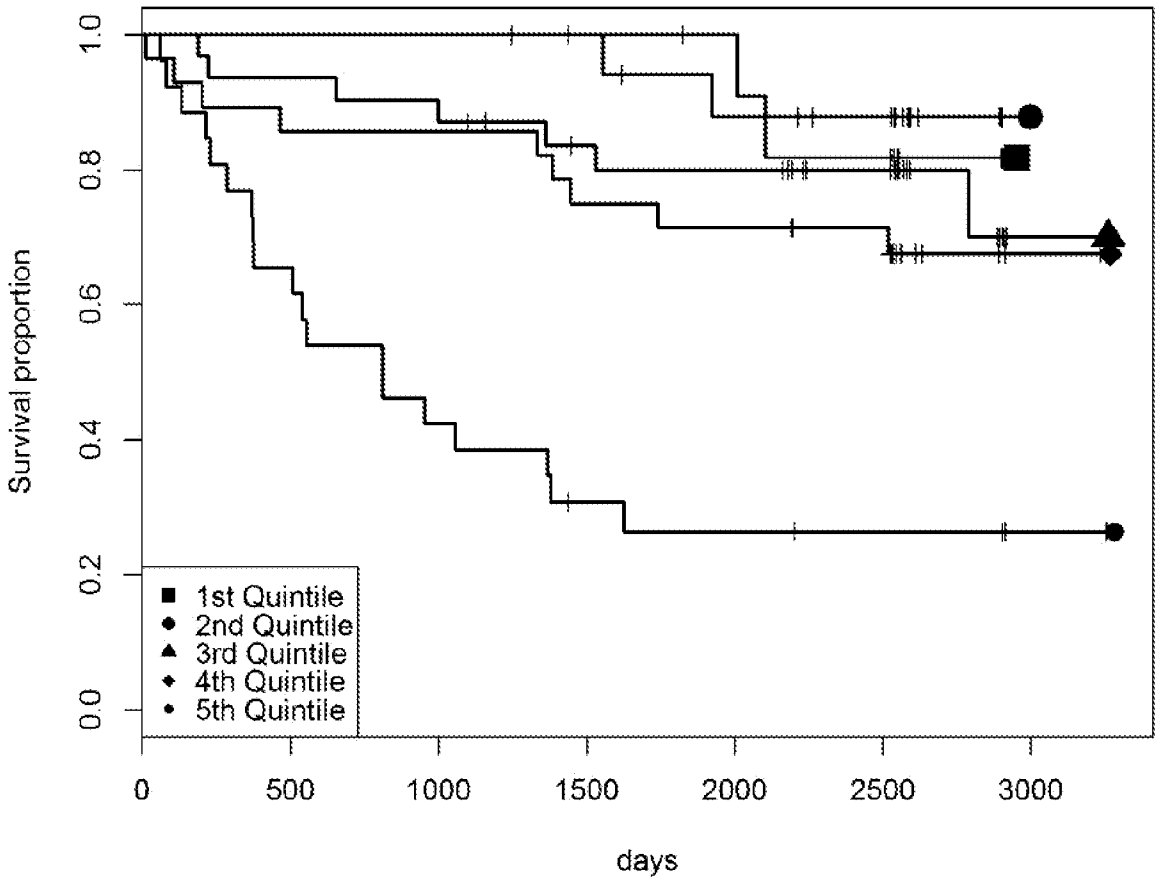

Survival proportion
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3D

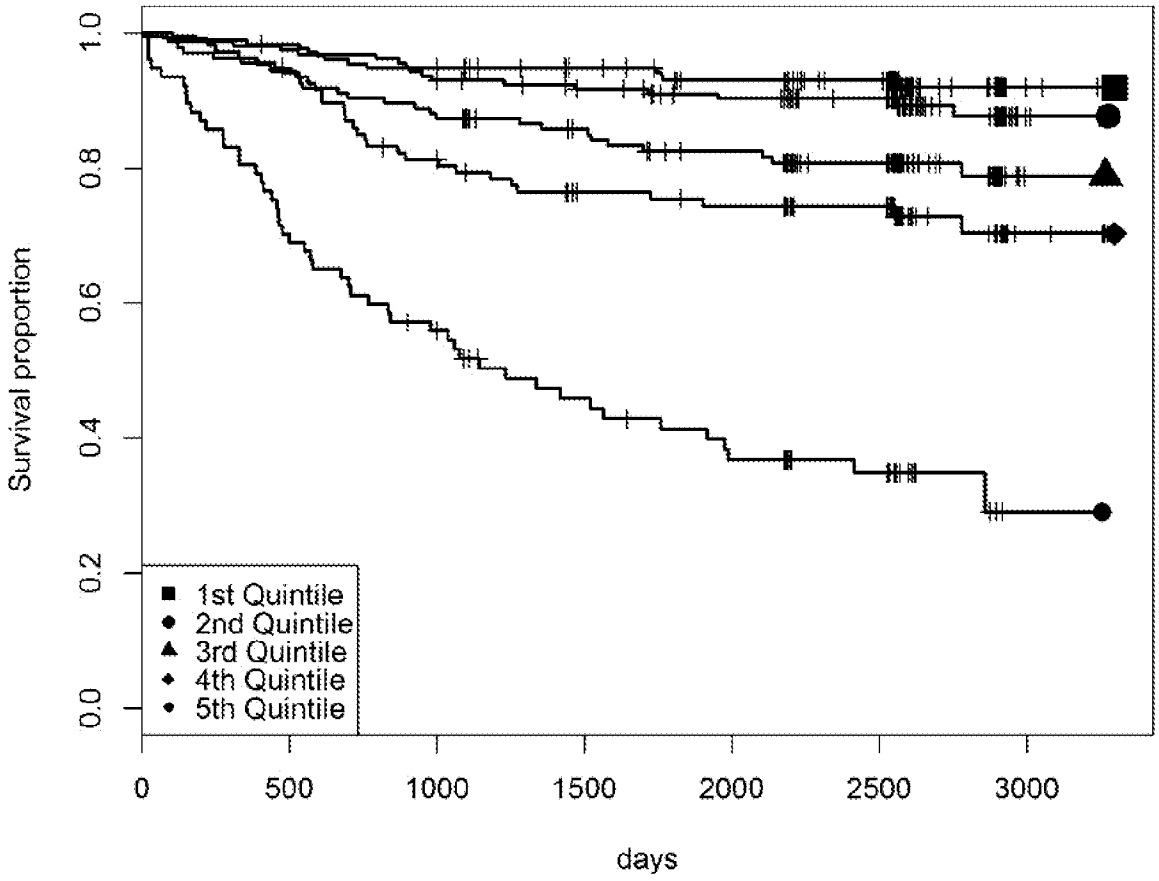

Survival proportion
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3E

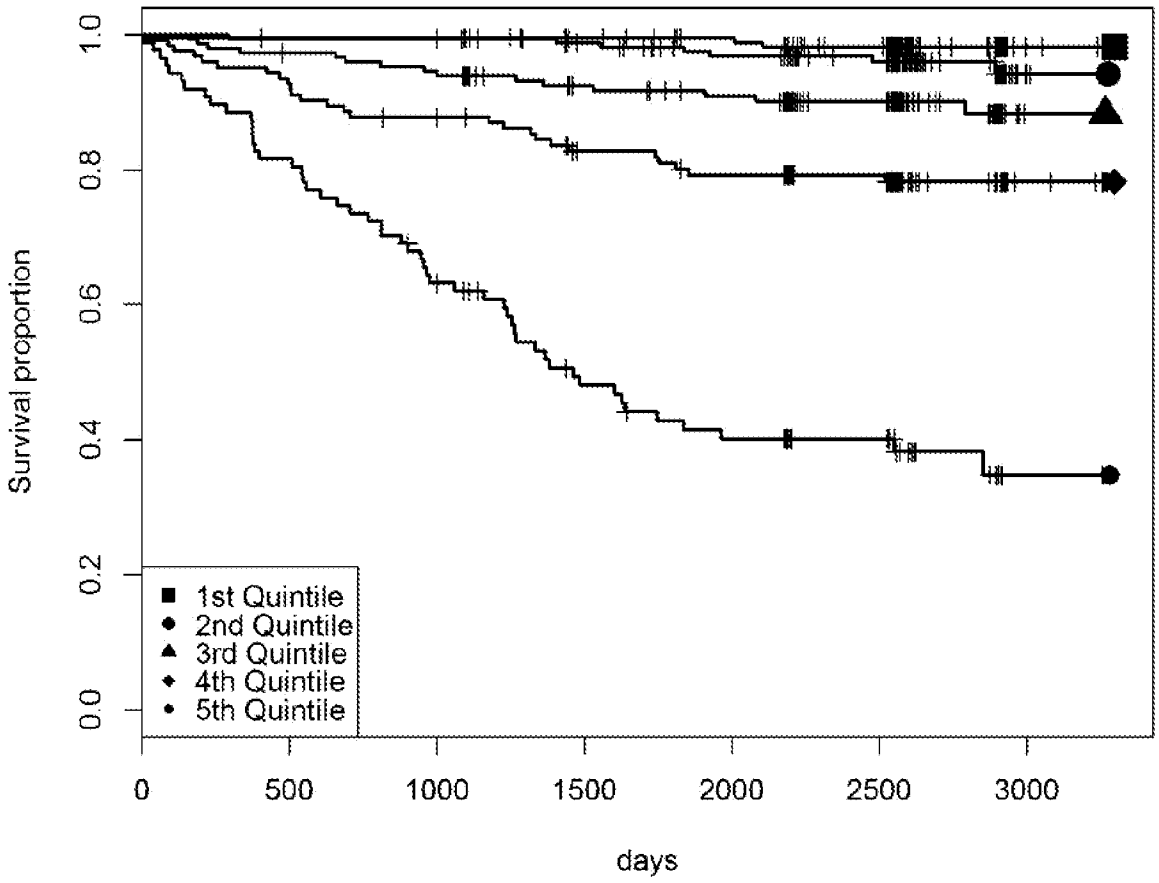

Survival proportion
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
days
1st Quintile
2nd Quintile
3rd Quintile
4th Quintile
5th Quintile

FIG. 3F

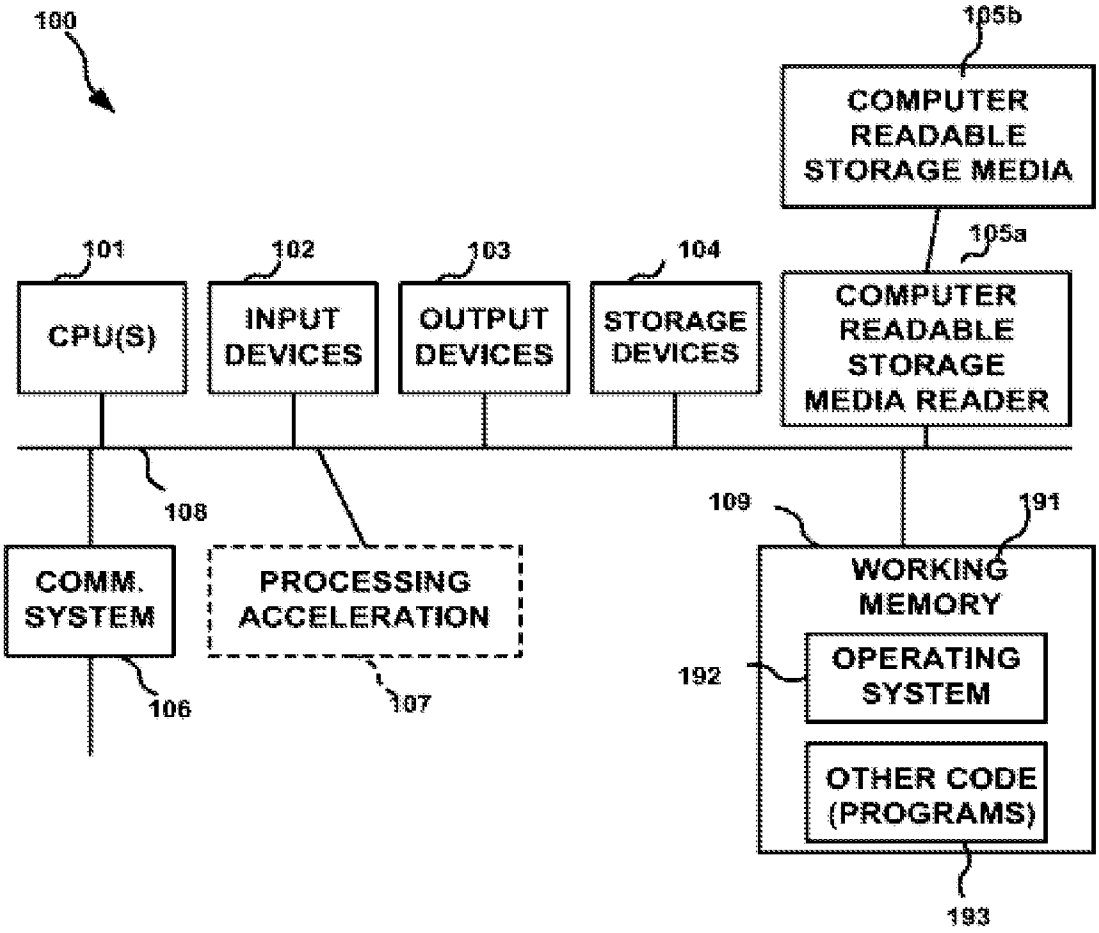

100
105b
COMPUTER READABLE STORAGE MEDIA
105a
101
102
103
104
CPU(S)
INPUT DEVICES
OUTPUT DEVICES
STORAGE DEVICES
COMPUTER READABLE STORAGE MEDIA READER
108
109
191
COMM. SYSTEM
PROCESSING ACCELERATION
WORKING MEMORY
192
OPERATING SYSTEM
OTHER CODE (PROGRAMS)
106
107
193

FIG. 4

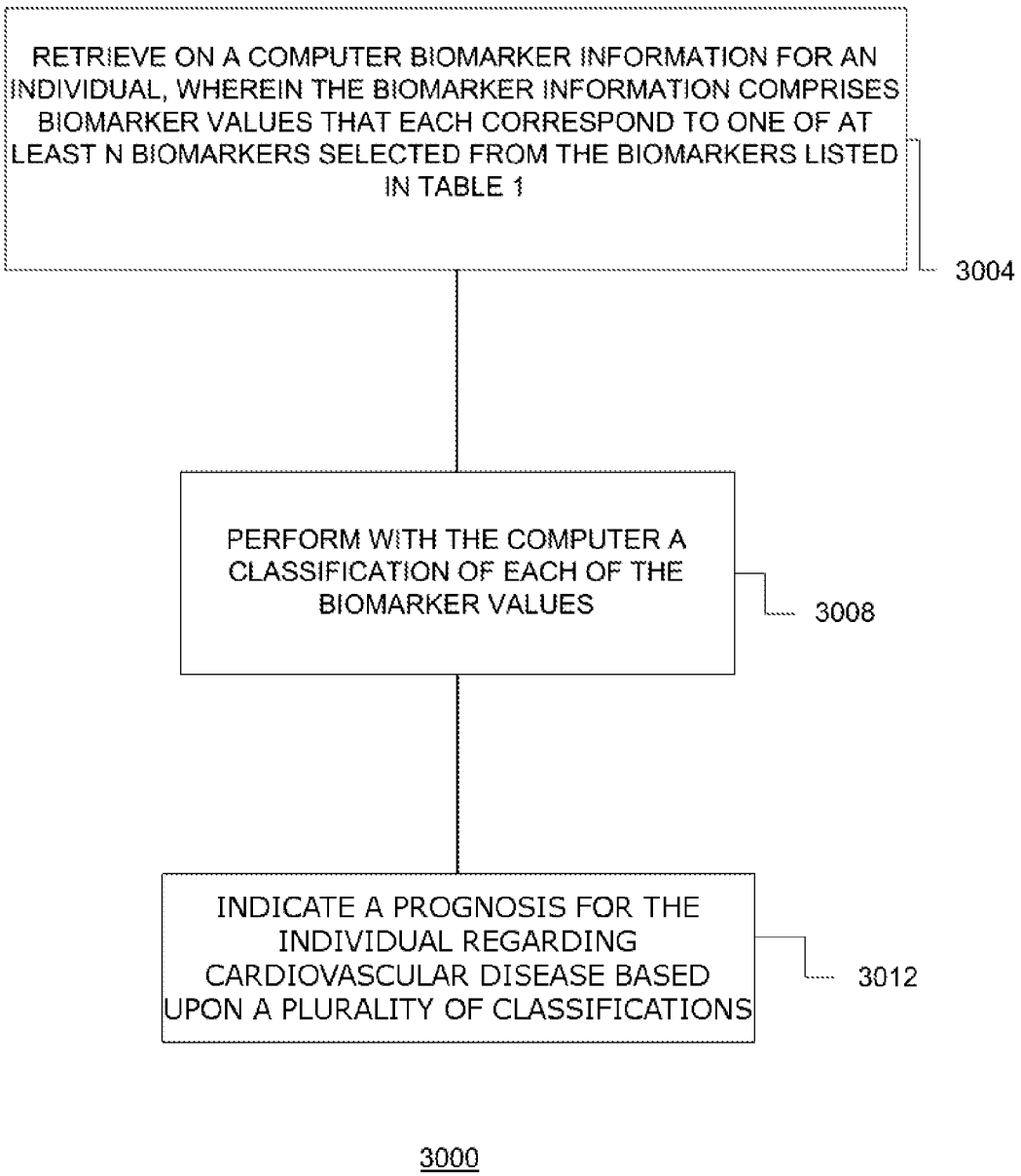

RETRIEVE ON A COMPUTER BIOMARKER INFORMATION FOR AN INDIVIDUAL, WHEREIN THE BIOMARKER INFORMATION COMPRISES BIOMARKER VALUES THAT EACH CORRESPOND TO ONE OF AT LEAST N BIOMARKERS SELECTED FROM THE BIOMARKERS LISTED IN TABLE 1
3004
PERFORM WITH THE COMPUTER A CLASSIFICATION OF EACH OF THE BIOMARKER VALUES
3008
INDICATE A PROGNOSIS FOR THE INDIVIDUAL REGARDING CARDIOVASCULAR DISEASE BASED UPON A PLURALITY OF CLASSIFICATIONS
3012
3000

FIG. 5

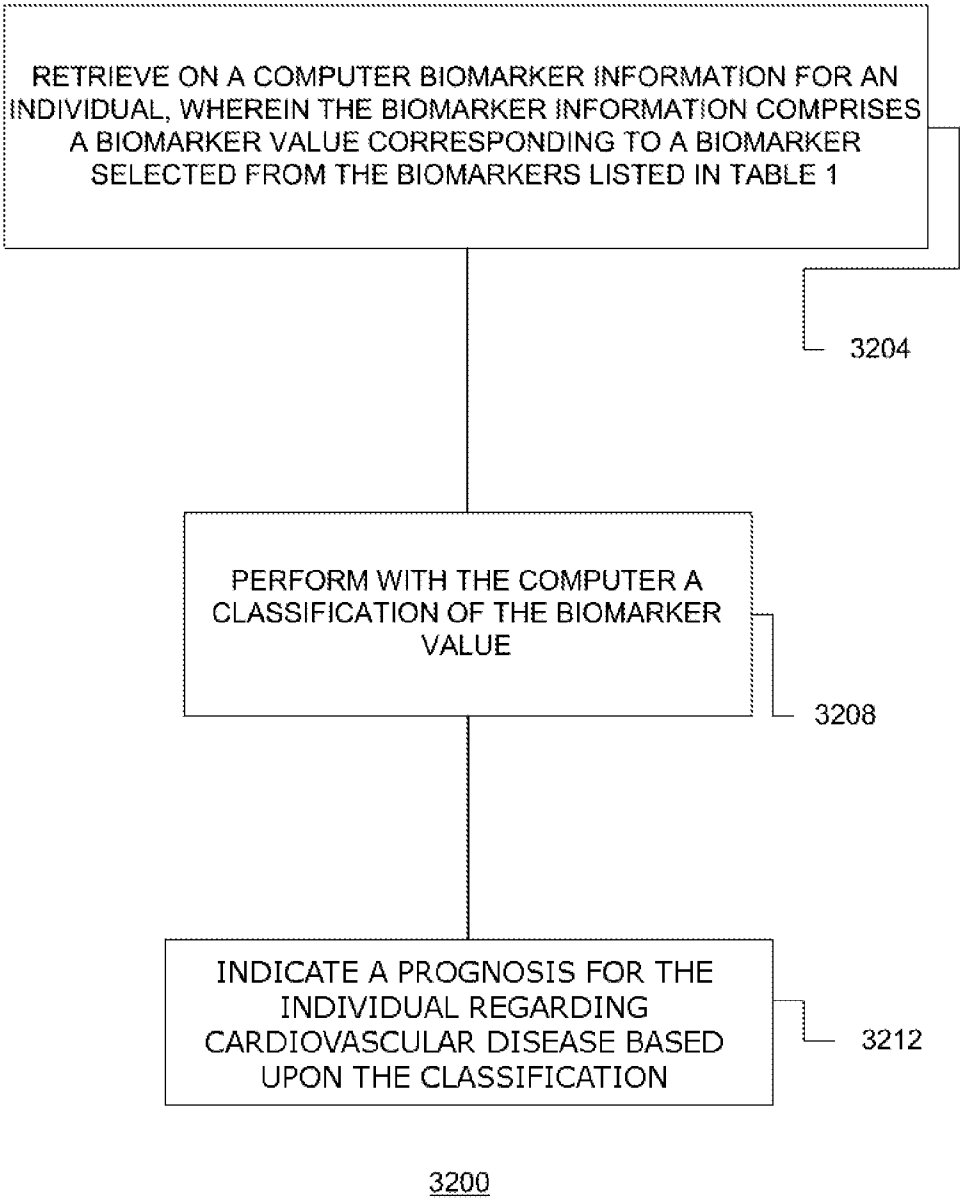

RETRIEVE ON A COMPUTER BIOMARKER INFORMATION FOR AN INDIVIDUAL, WHEREIN THE BIOMARKER INFORMATION COMPRISES A BIOMARKER VALUE CORRESPONDING TO A BIOMARKER SELECTED FROM THE BIOMARKERS LISTED IN TABLE 1
3204
PERFORM WITH THE COMPUTER A CLASSIFICATION OF THE BIOMARKER VALUE
3208
INDICATE A PROGNOSIS FOR THE INDIVIDUAL REGARDING CARDIOVASCULAR DISEASE BASED UPON THE CLASSIFICATION
3212
3200

FIG. 6

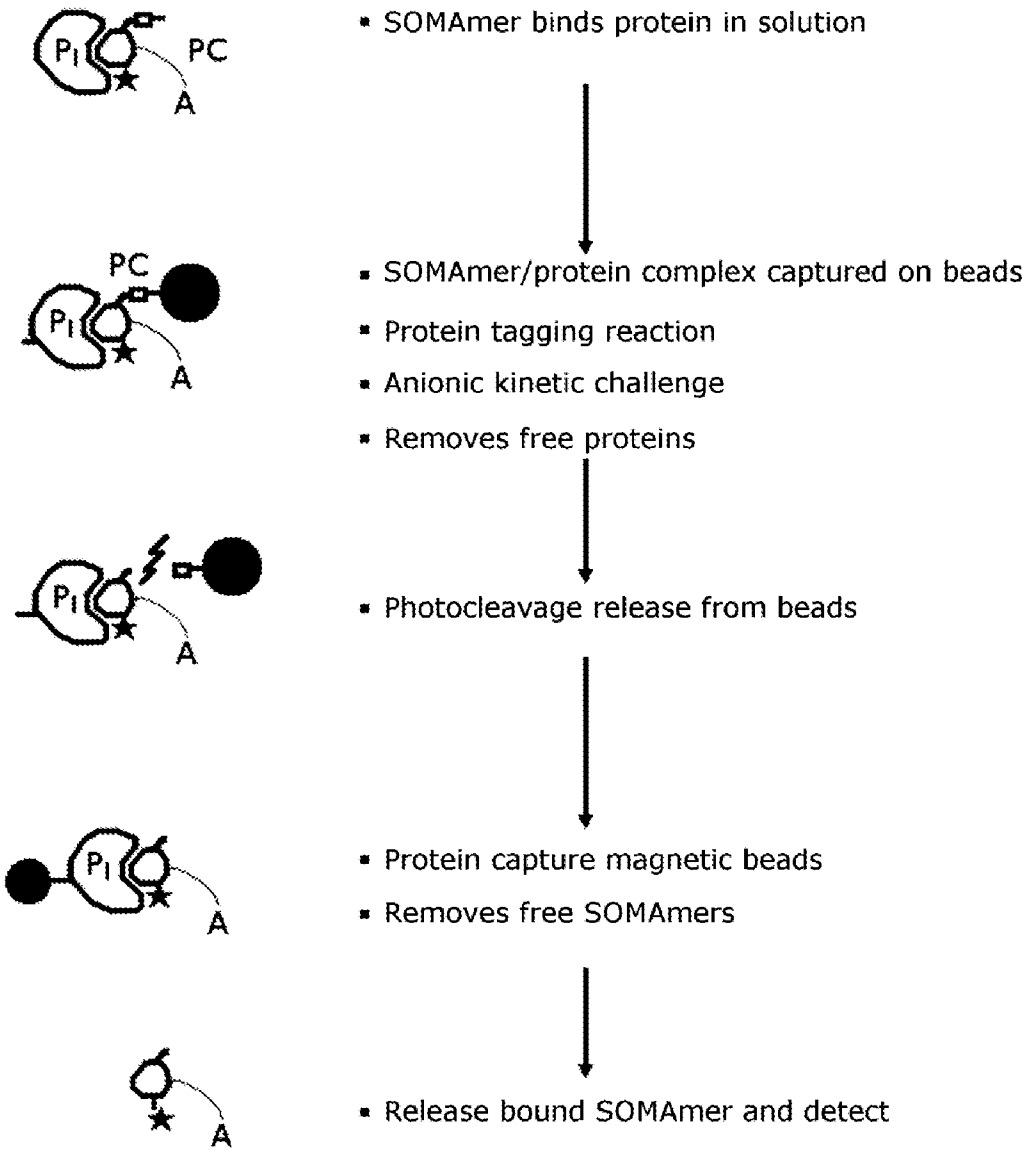

PI
PC
A
SOMAmer binds protein in solution
PC
PI
A
SOMAmer/protein complex captured on beads
Protein tagging reaction
Anionic kinetic challenge
Removes free proteins
PI
A
Photocleavage release from beads
PI
A
Protein capture magnetic beads
Removes free SOMAmers
A
Release bound SOMAmer and detect

FIG. 7

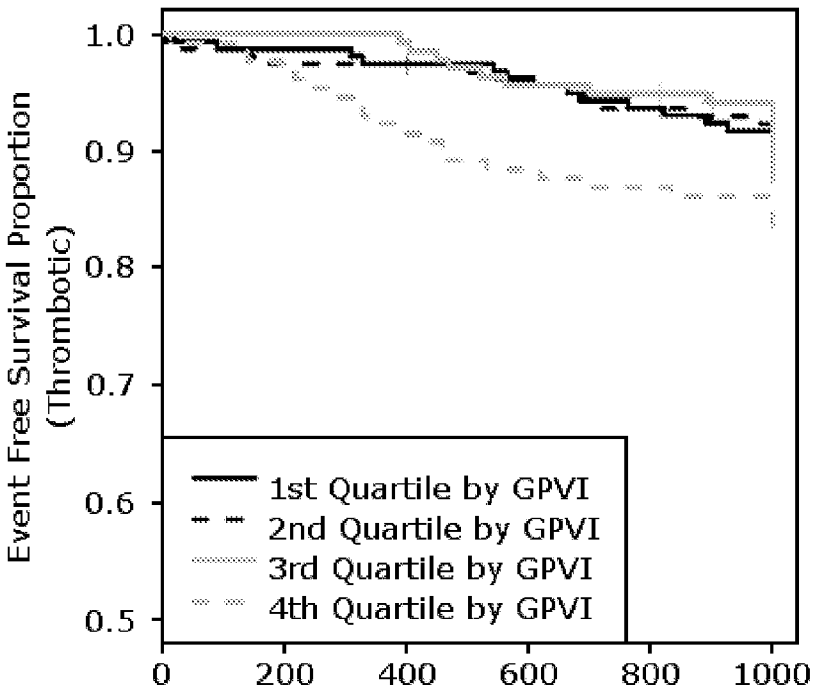

Event Free Survival Proportion (Thrombotic)
1.0
0.9
0.8
0.7
0.6
0.5
0
200
400
600
800
1000
1st Quartile by GPVI
2nd Quartile by GPVI
3rd Quartile by GPVI
4th Quartile by GPVI

FIG. 8A

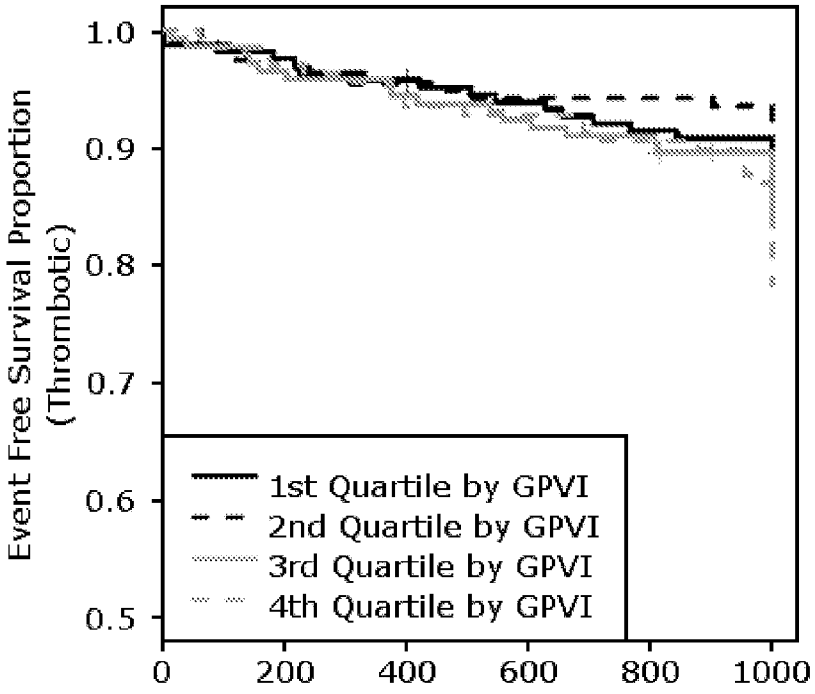

Event Free Survival Proportion (Thrombotic)
1.0
0.9
0.8
0.7
0.6
0.5
0
200
400
600
800
1000
1st Quartile by GPVI
2nd Quartile by GPVI
3rd Quartile by GPVI
4th Quartile by GPVI

FIG. 8B

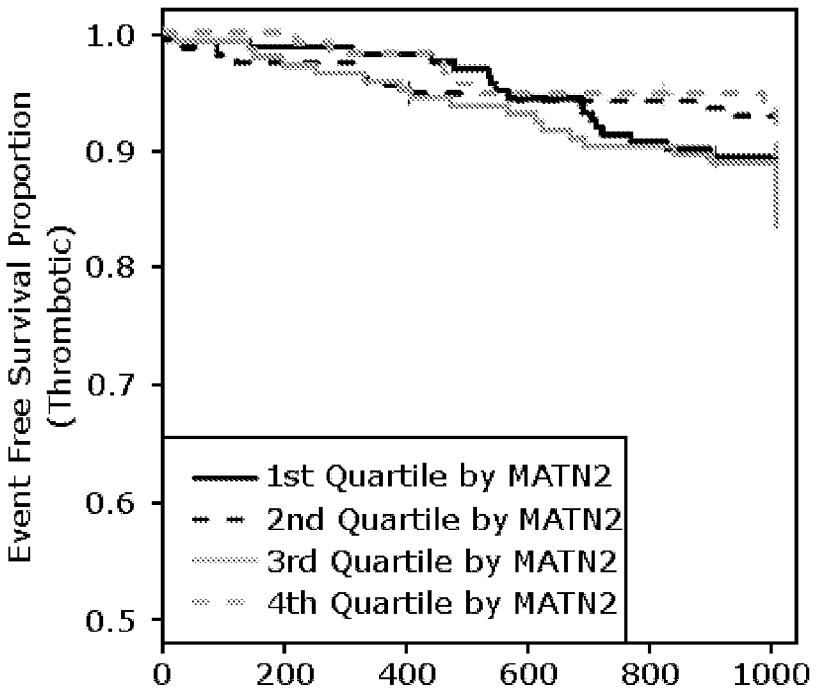

Event Free Survival Proportion (Thrombotic)
1.0
0.9
0.8
0.7
0.6
0.5
0
200
400
600
800
1000
1st Quartile by MATN2
2nd Quartile by MATN2
3rd Quartile by MATN2
4th Quartile by MATN2

FIG. 9A

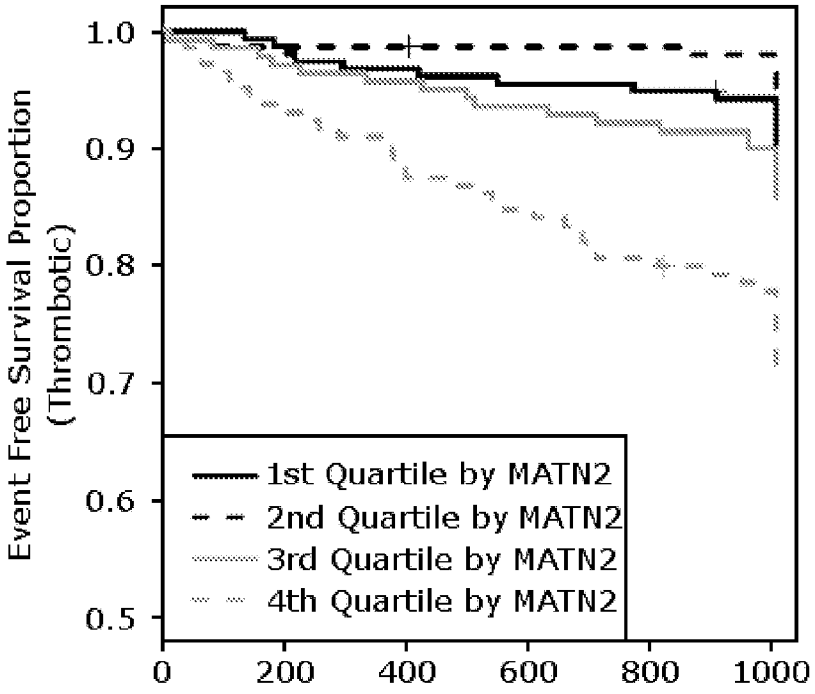

Event Free Survival Proportion (Thrombotic)
1.0
0.9
0.8
0.7
0.6
0.5
0
200
400
600
800
1000
1st Quartile by MATN2
2nd Quartile by MATN2
3rd Quartile by MATN2
4th Quartile by MATN2

FIG. 9B

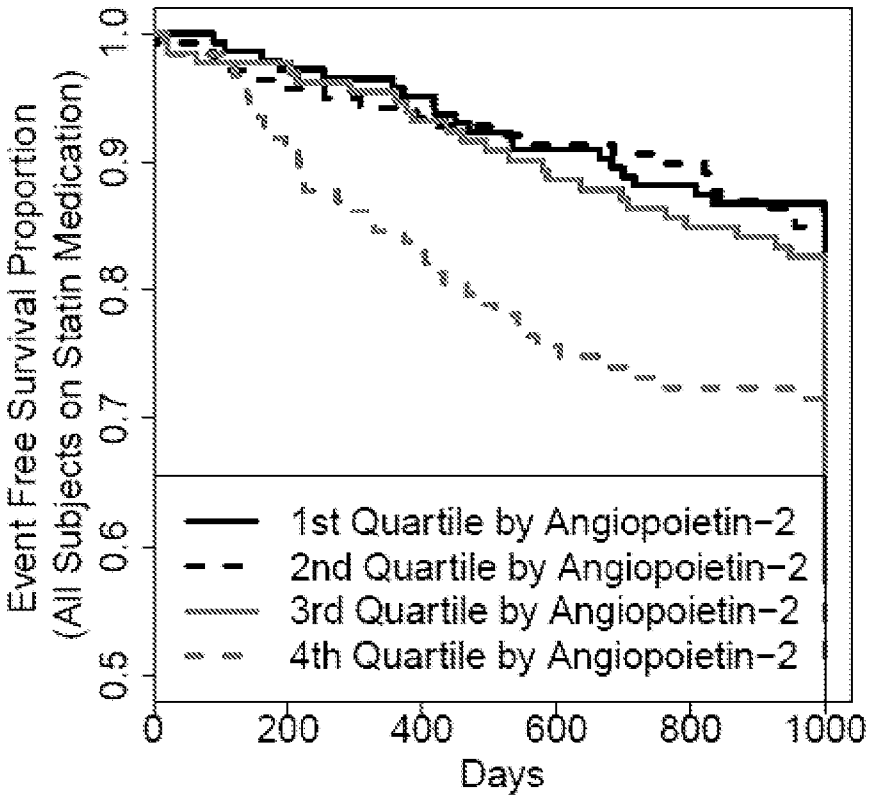

Event Free Survival Proportion
(All Subjects on Statin Medication)
0.5
0.6
0.7
0.8
0.9
1.0
0
200
400
600
800
1000
Days
1st Quartile by Angiopoietin-2
2nd Quartile by Angiopoietin-2
3rd Quartile by Angiopoietin-2
4th Quartile by Angiopoietin-2

FIG. 10

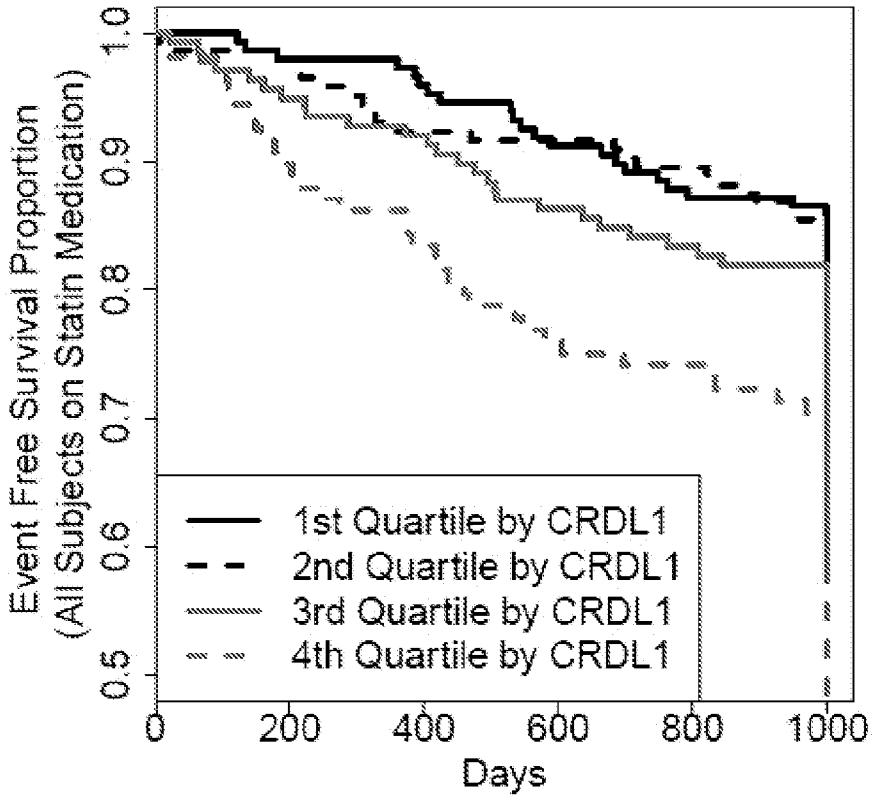

Event Free Survival Proportion
(All Subjects on Statin Medication)
0.5
0.6
0.7
0.8
0.9
1.0
0
200
400
600
800
1000
Days
1st Quartile by CRDL1
2nd Quartile by CRDL1
3rd Quartile by CRDL1
4th Quartile by CRDL1

FIG. 11