

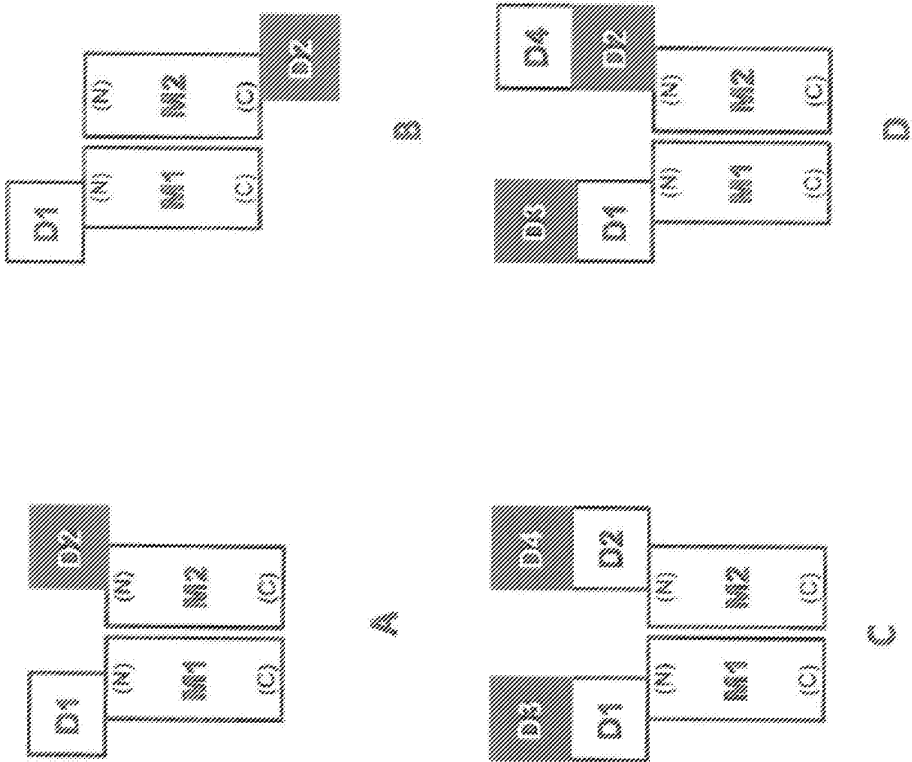


Figure 1

A

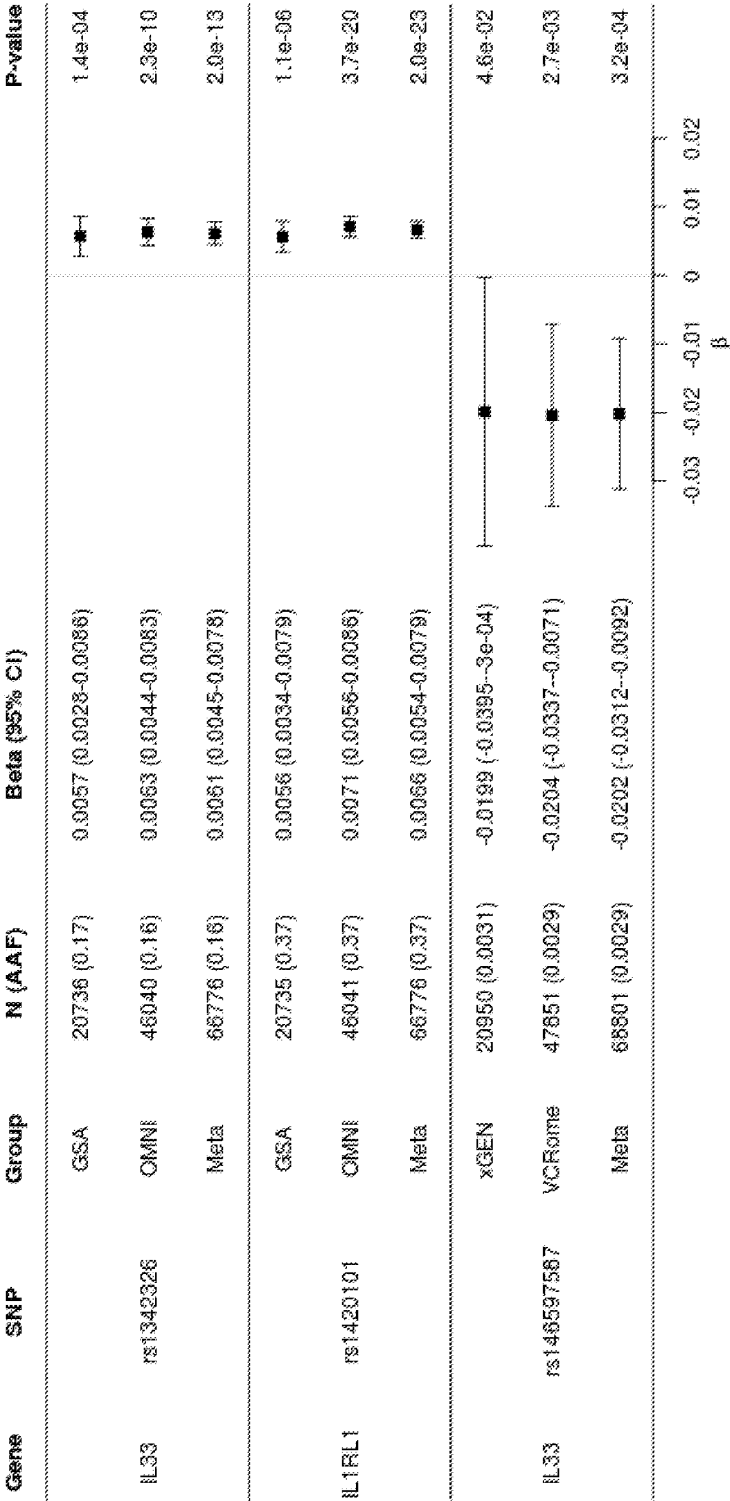
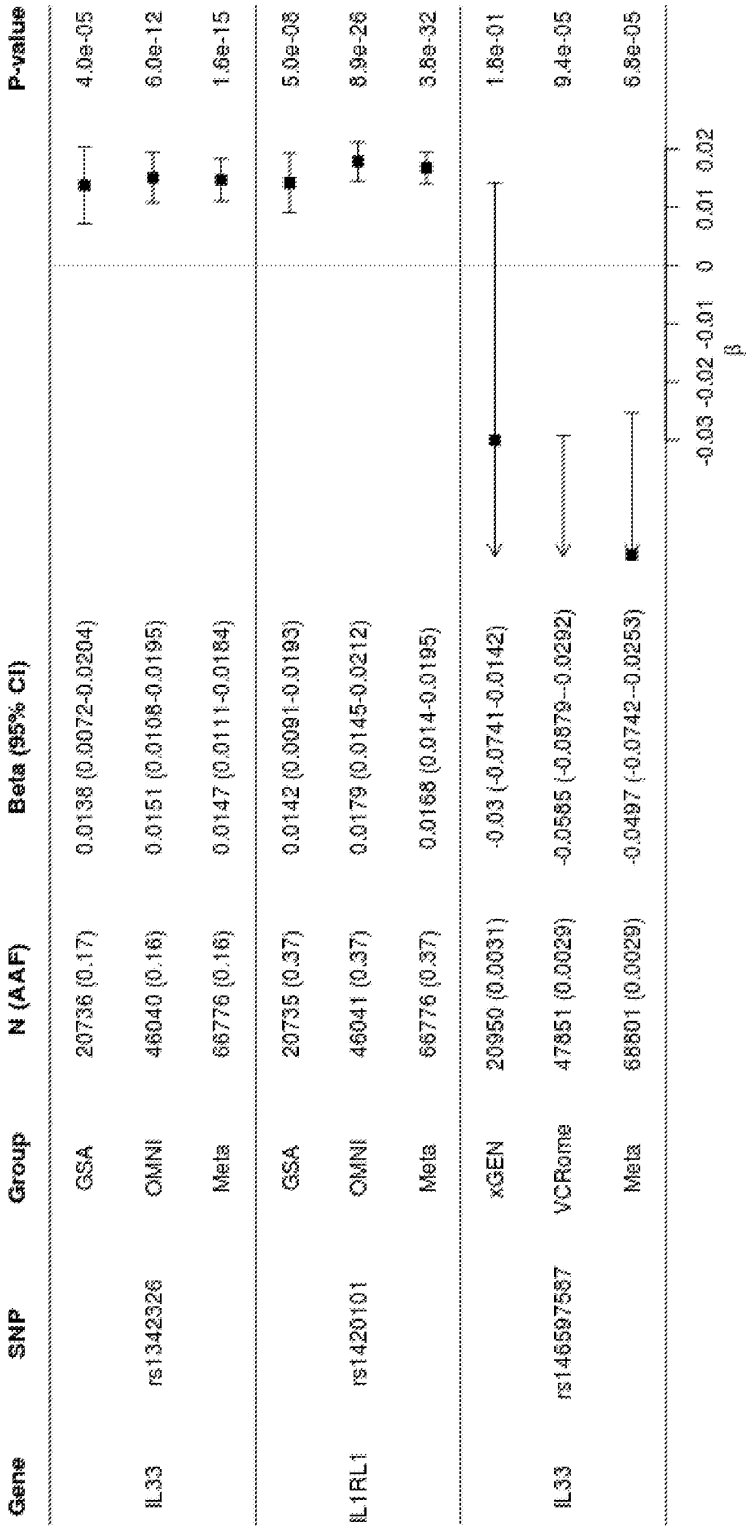
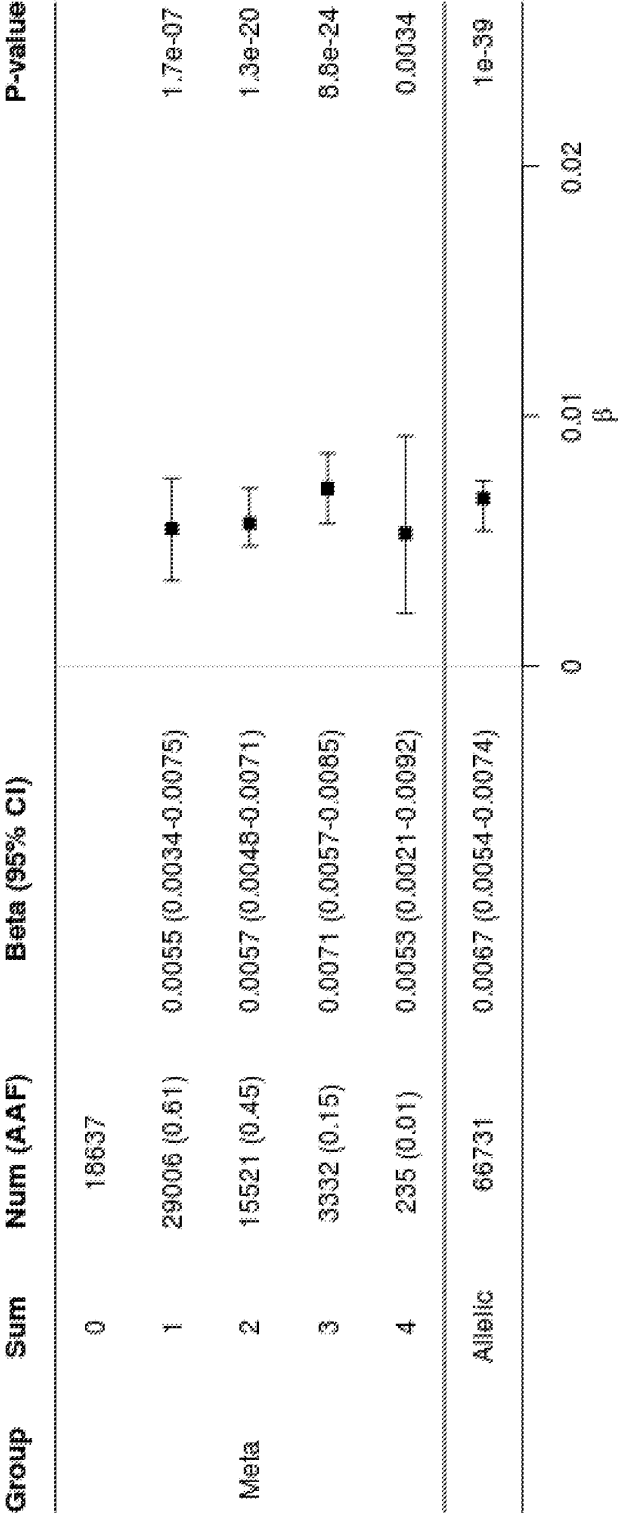


Figure 2

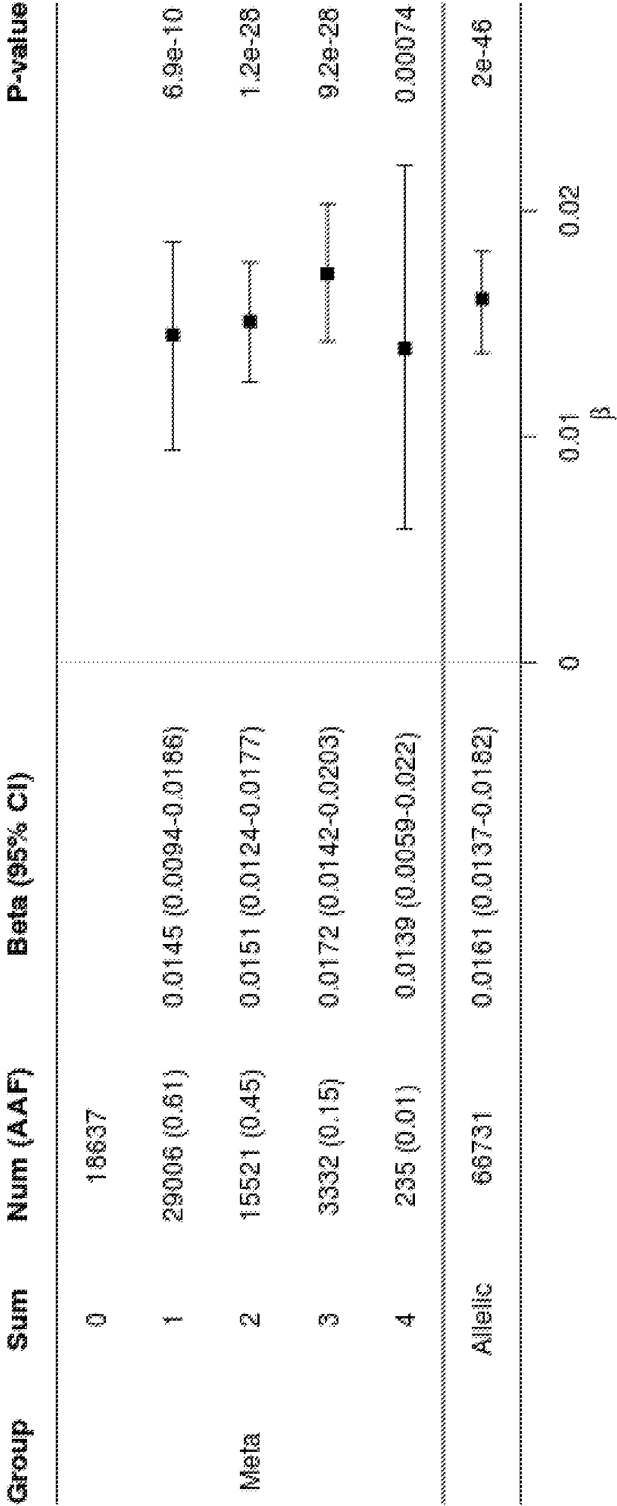
B



C



D



A) Asthma

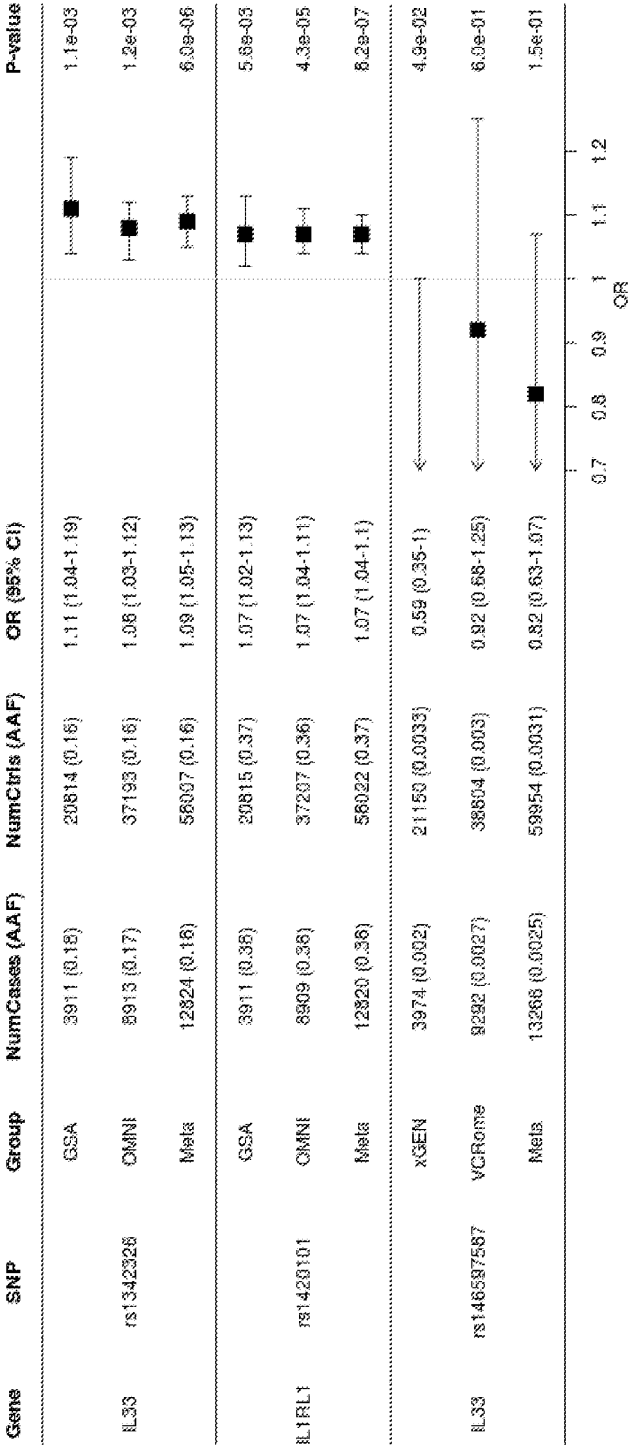


Figure 3

B) High Eosinophil Asthma

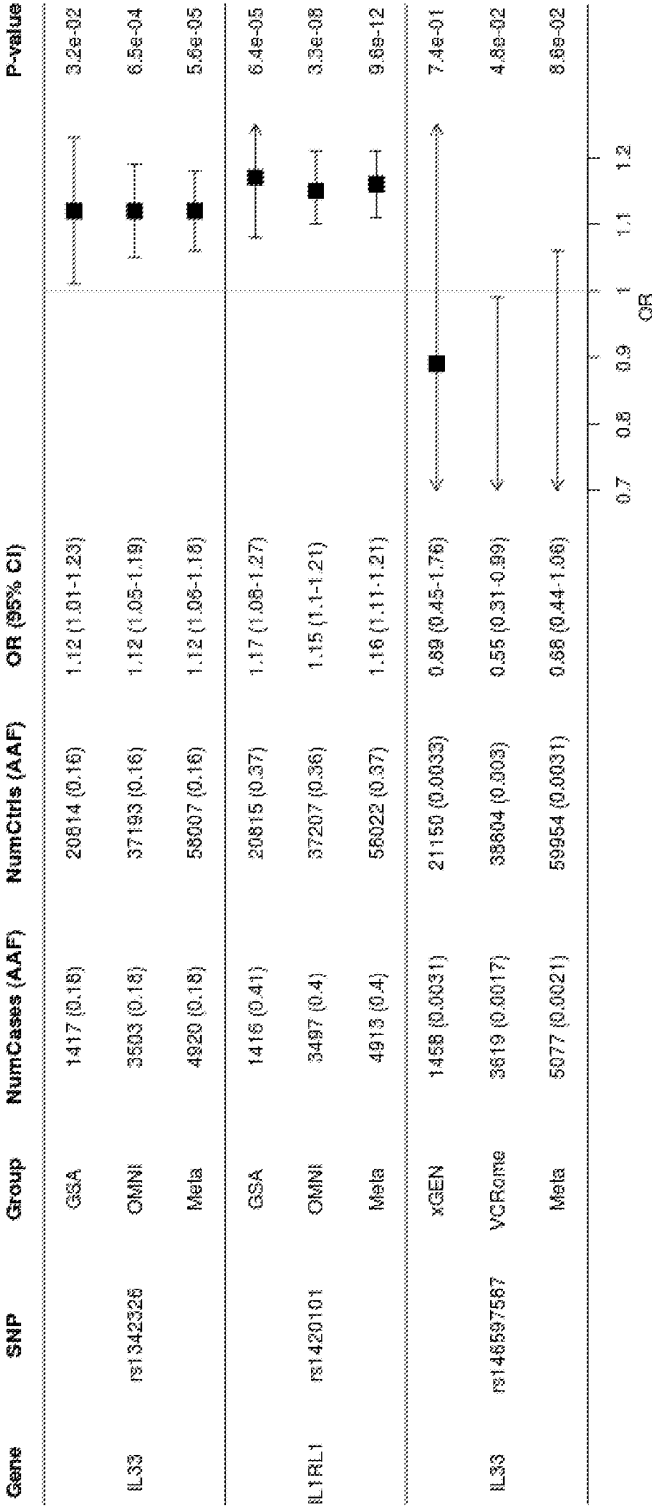


Figure 3 (cont.)

C) Low Eosinophil Asthma

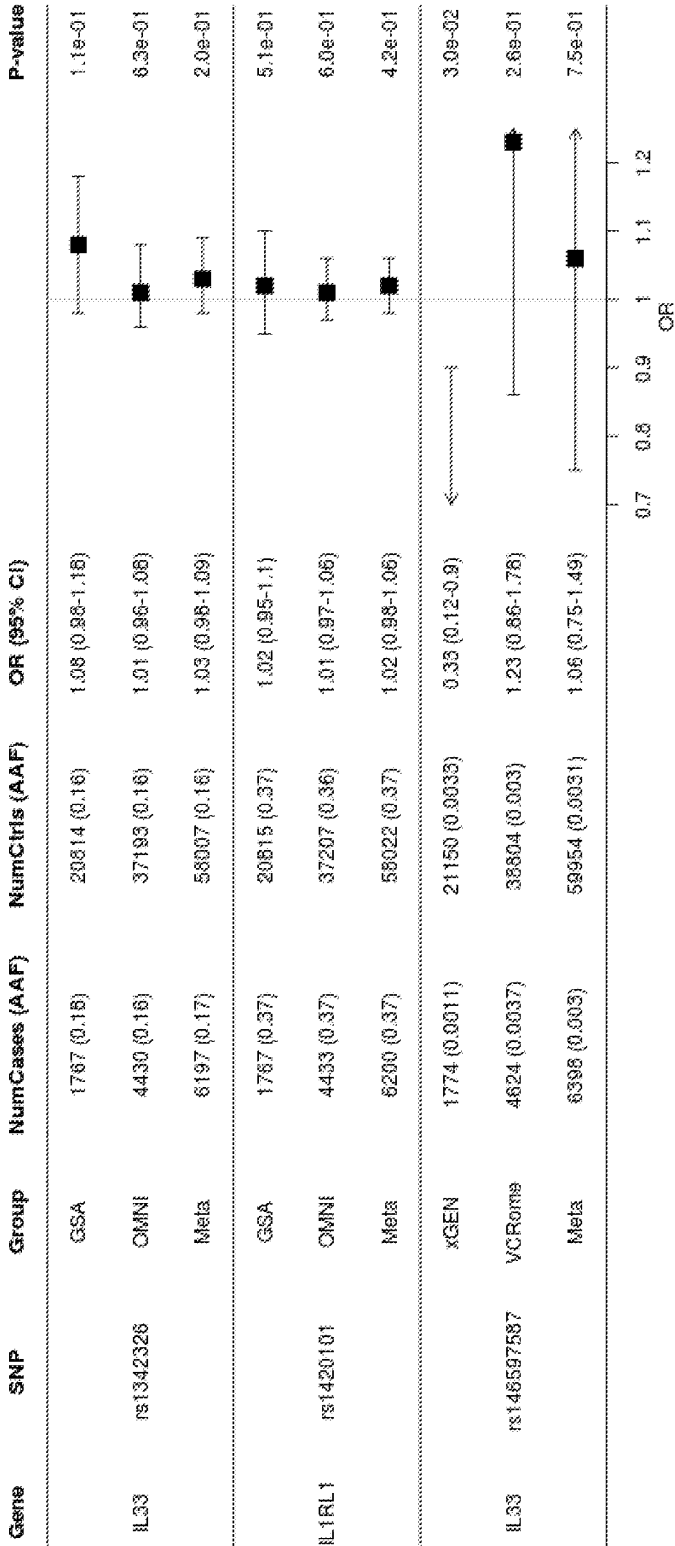


Figure 3 (cont.)

A) COPD

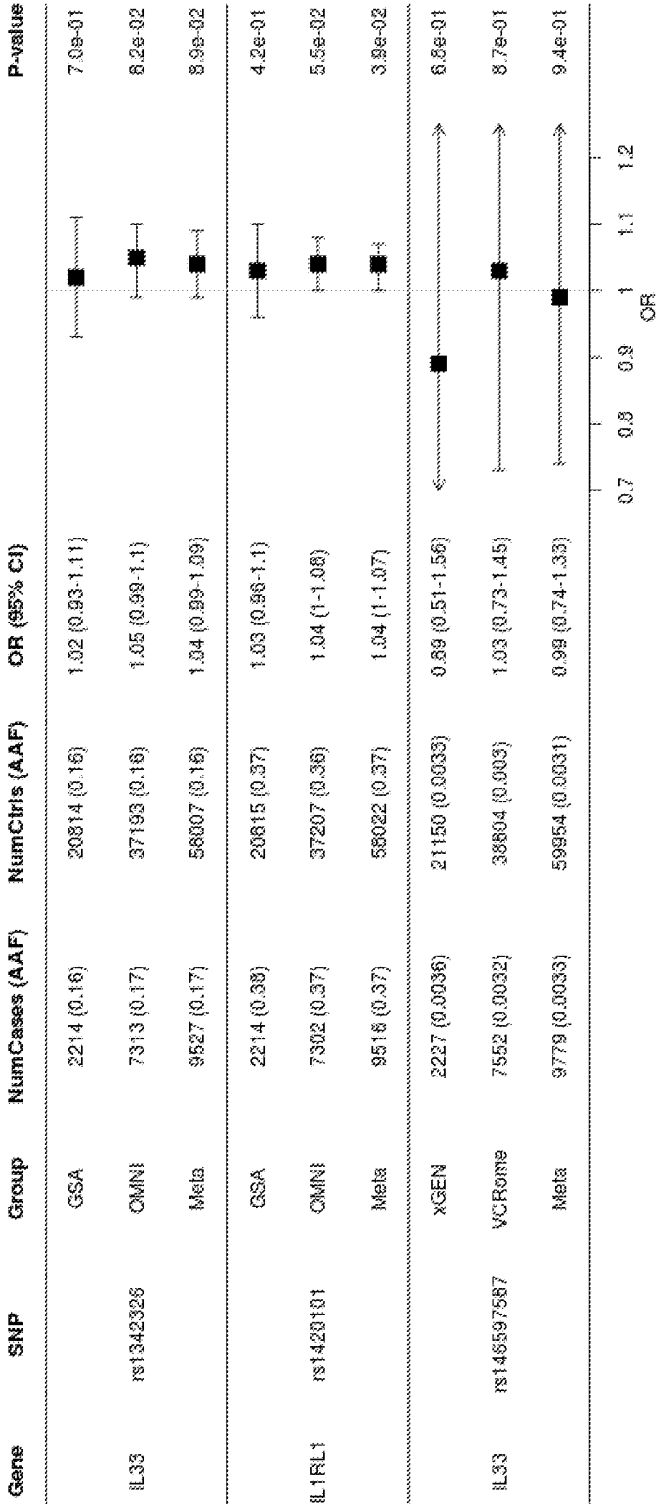


Figure 4

B) High Eosinophil COPD

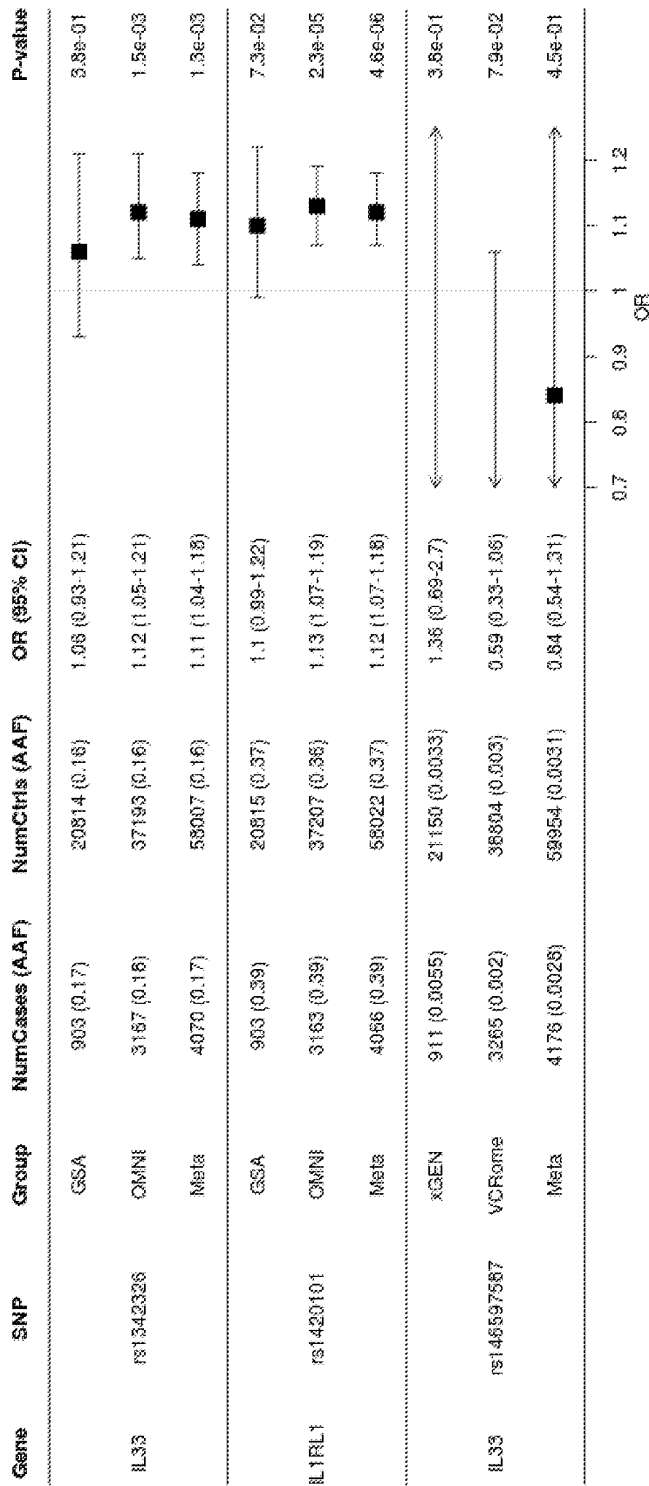


Figure 4 (cont.)

C) Low Eosinophil COPD

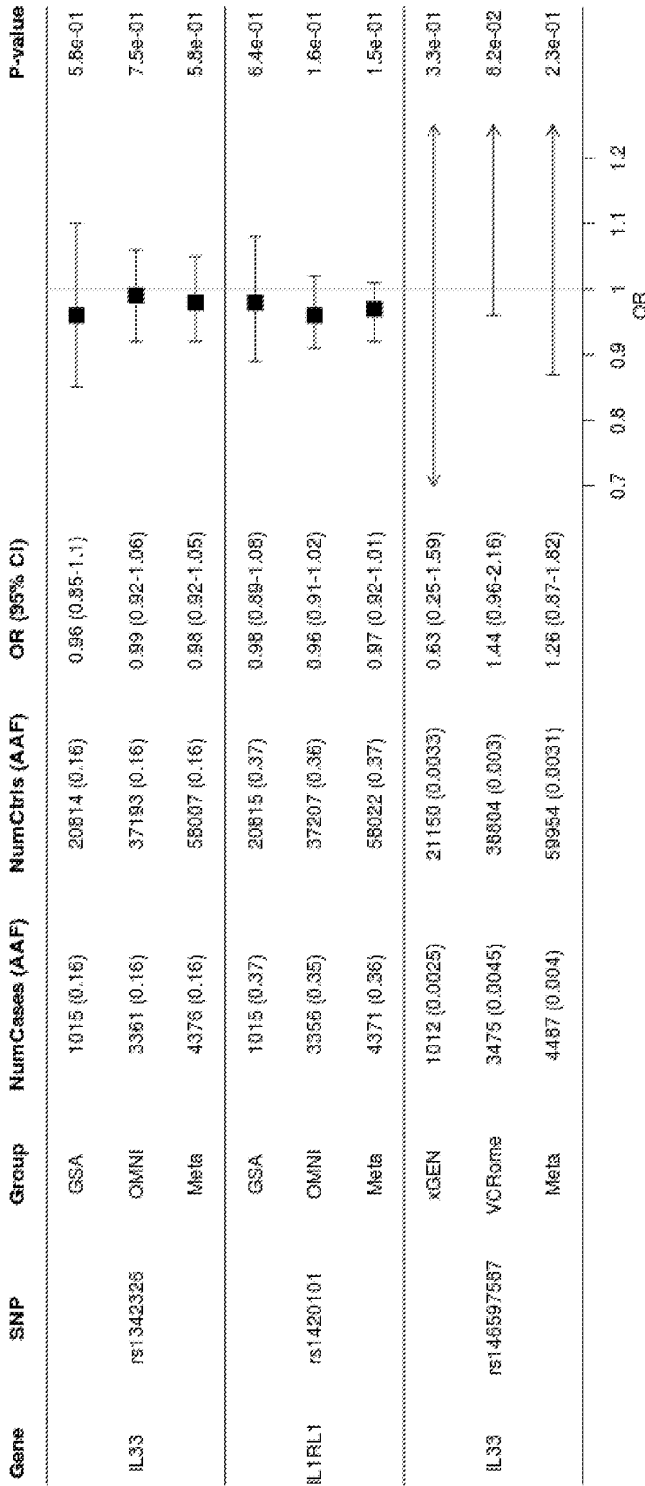


Figure 4 (cont.)

A) ACOS

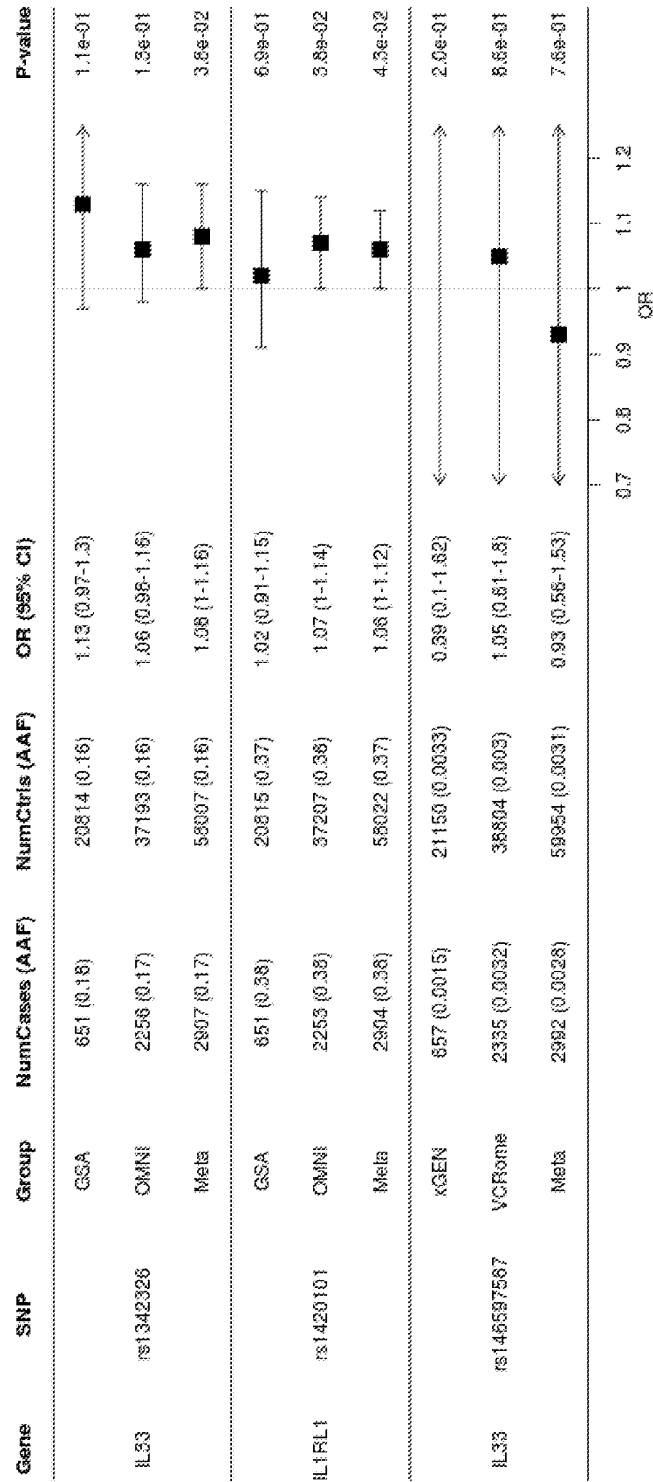


Figure 5

B) High Eosinophil ACOS

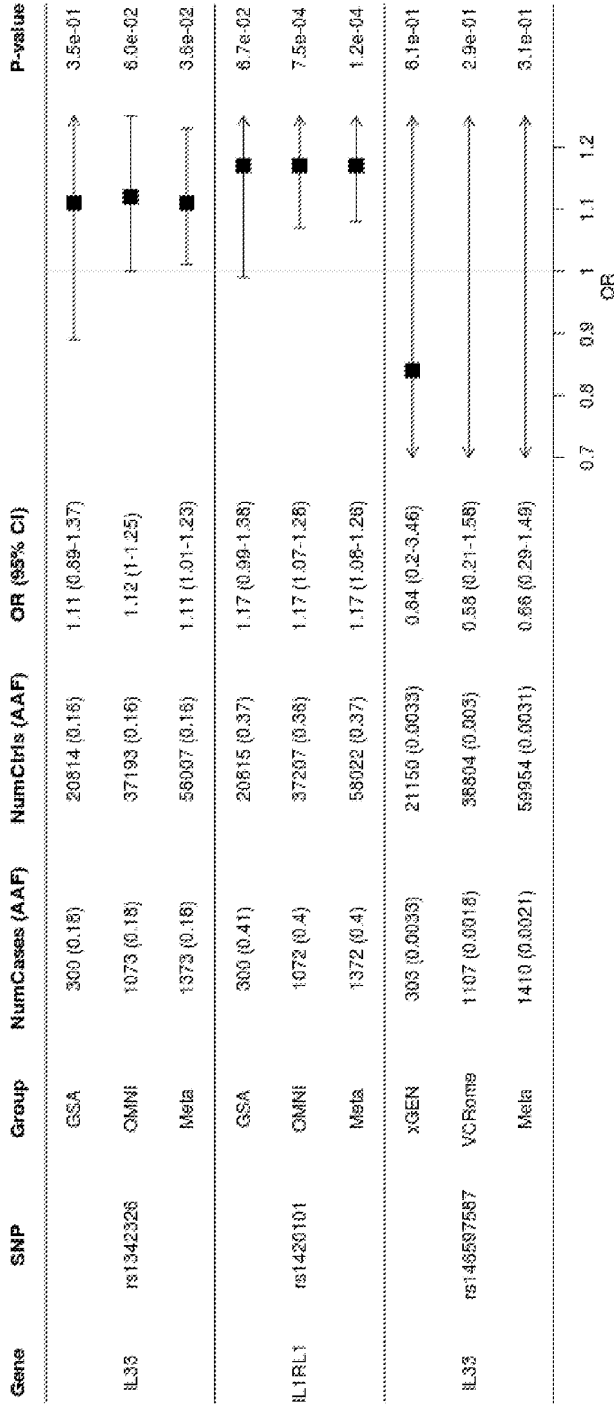


Figure 5 (cont.)

C) Low Eosinophil ACOS

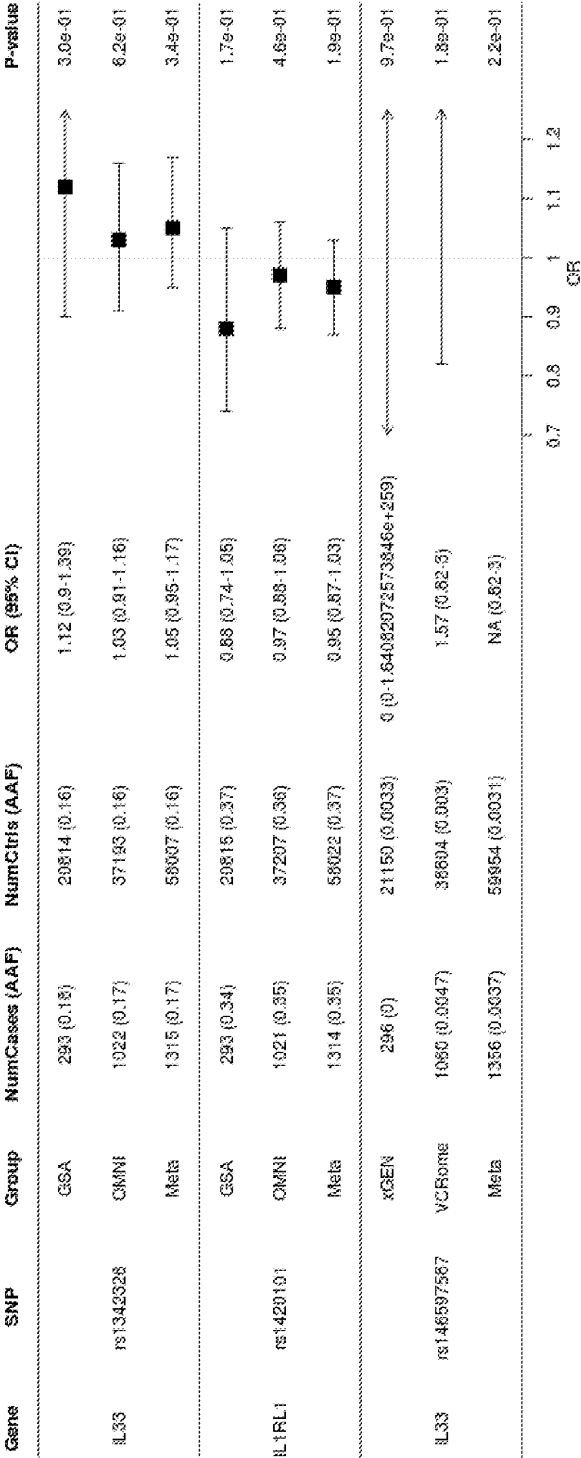


Figure 5 (cont.)

A) Asthma

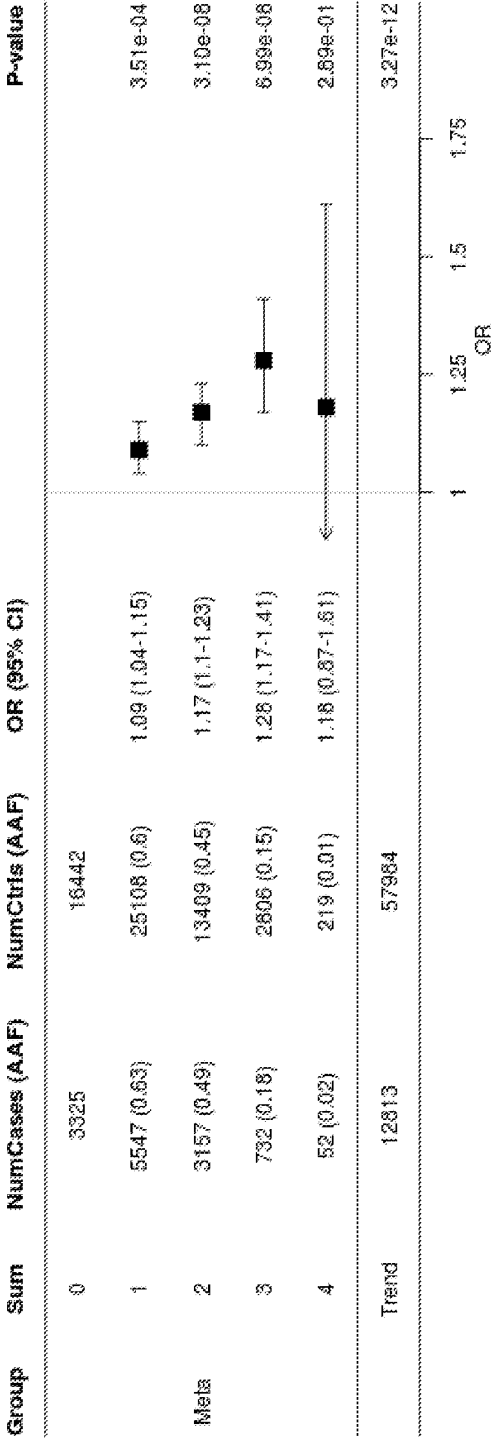


Figure 6

B) COPD

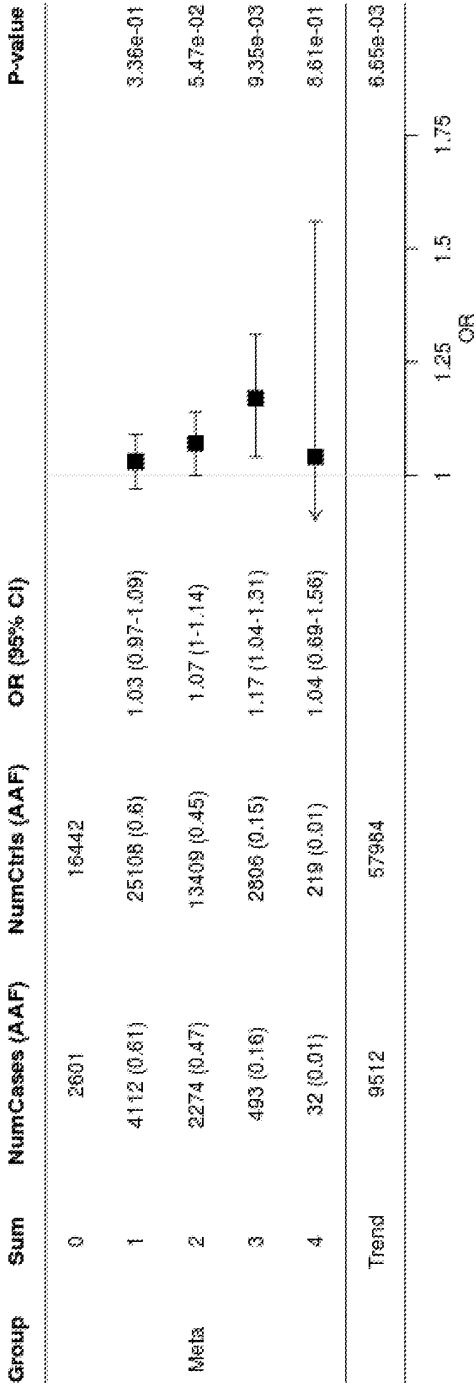


Figure 6 (cont.)

C) ACOS

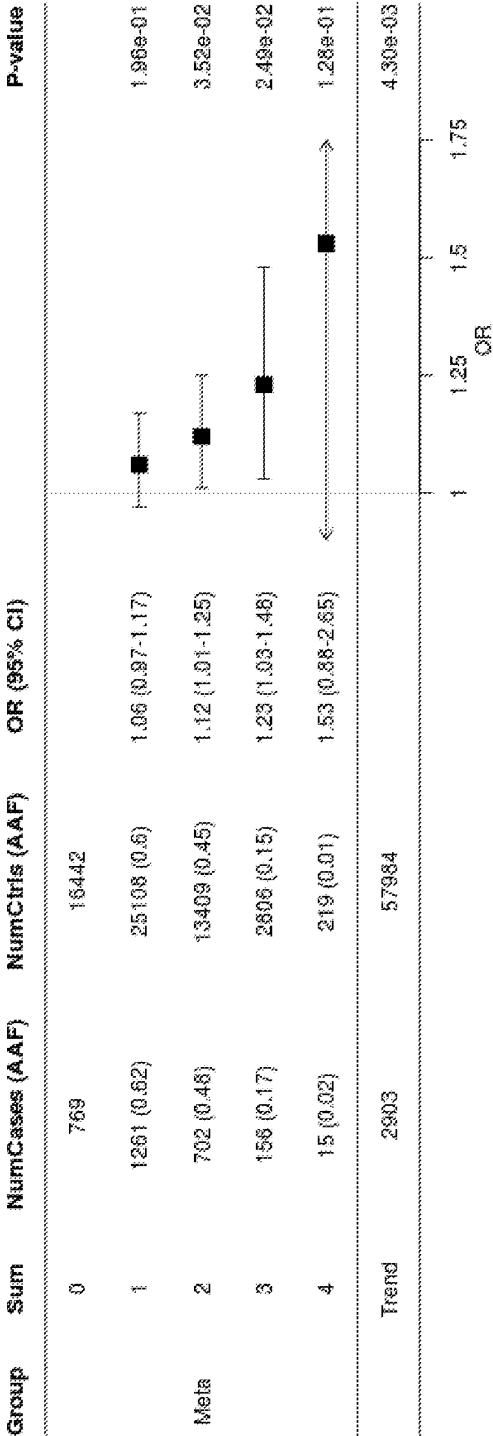


Figure 6 (cont.)

A) Asthma

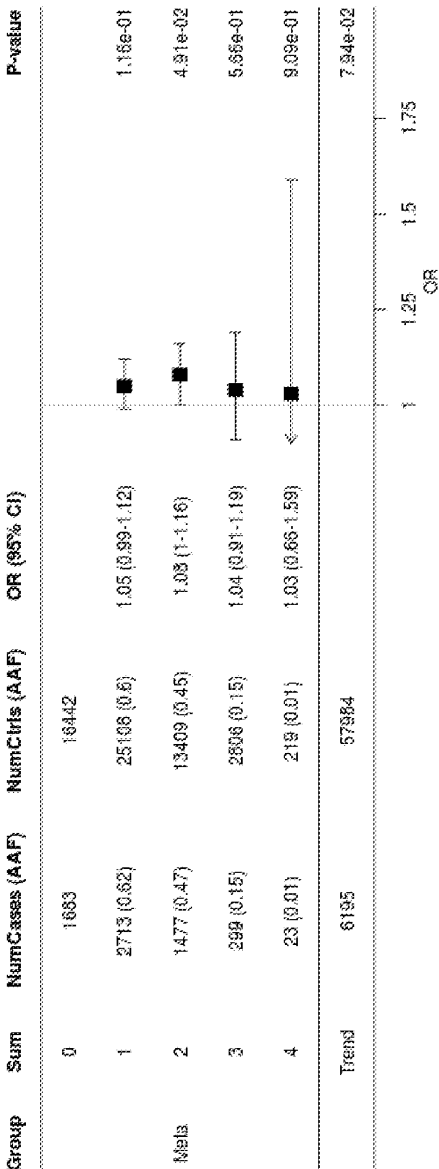
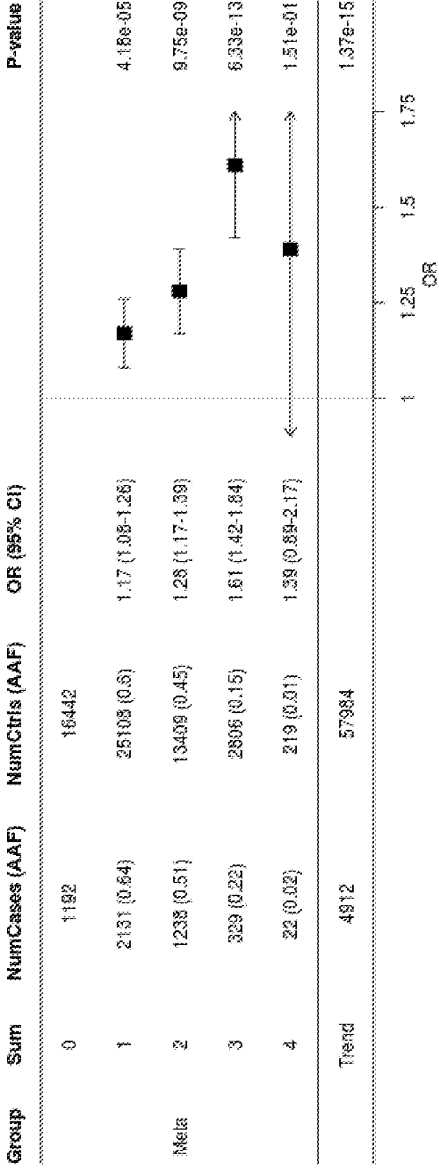


Figure 7

B) COPD

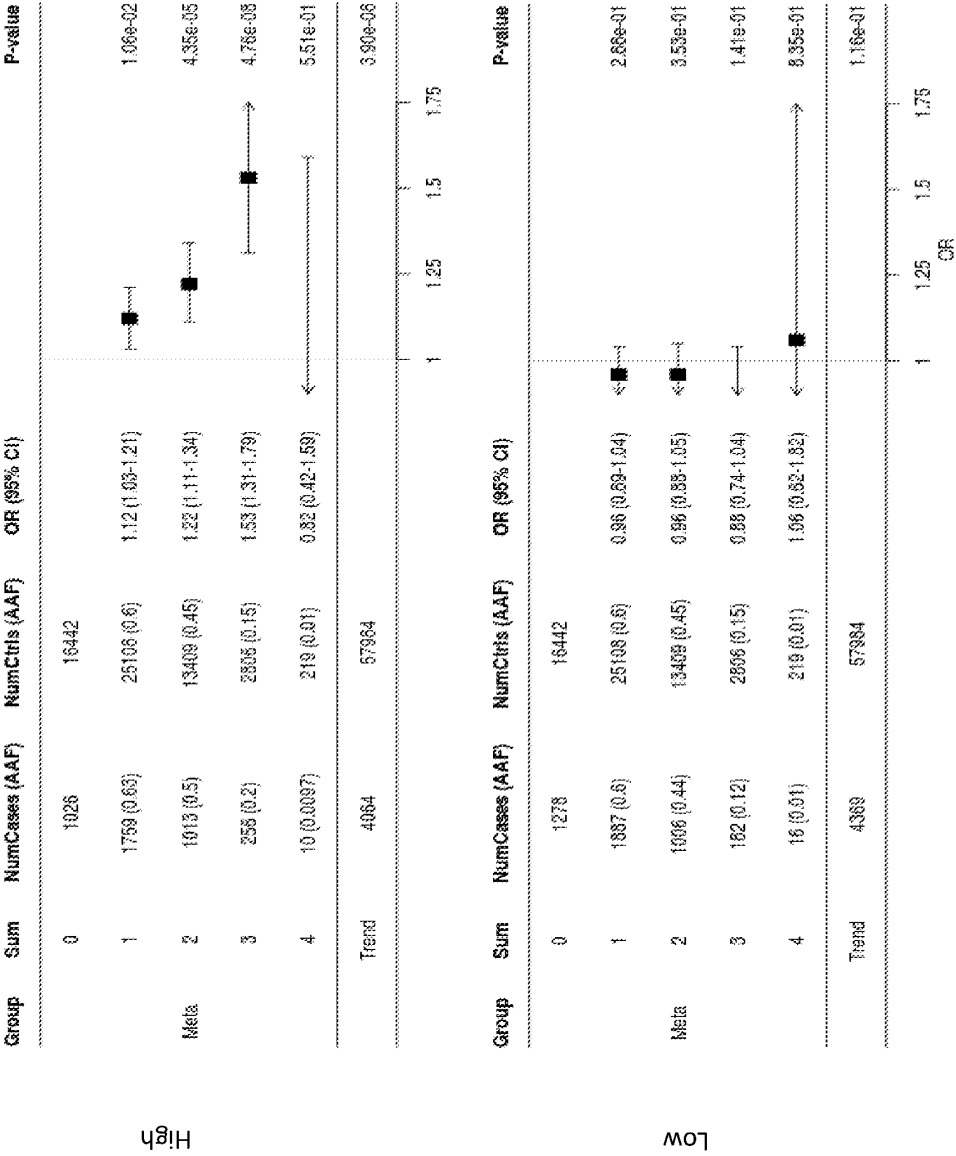
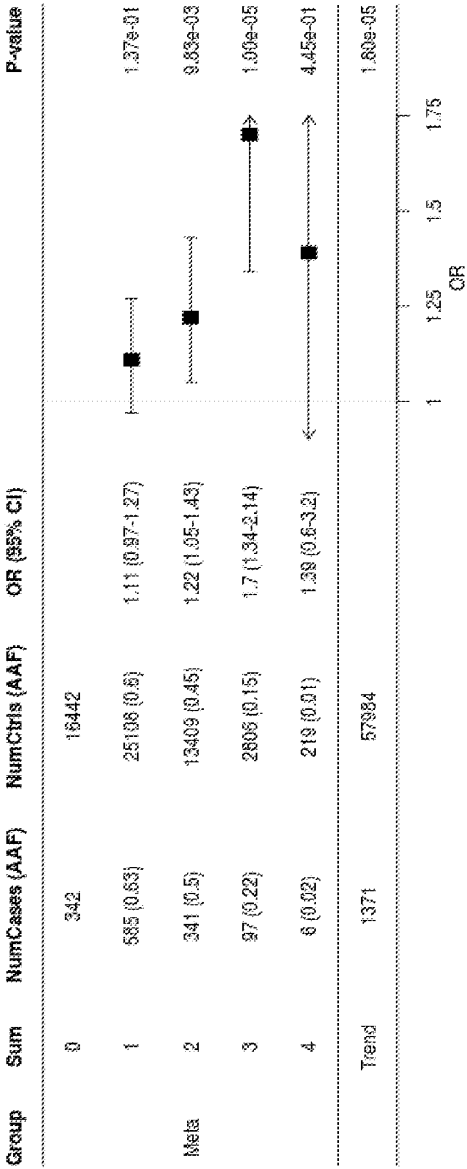


Figure 7 (cont.)

C) ACOS



Low

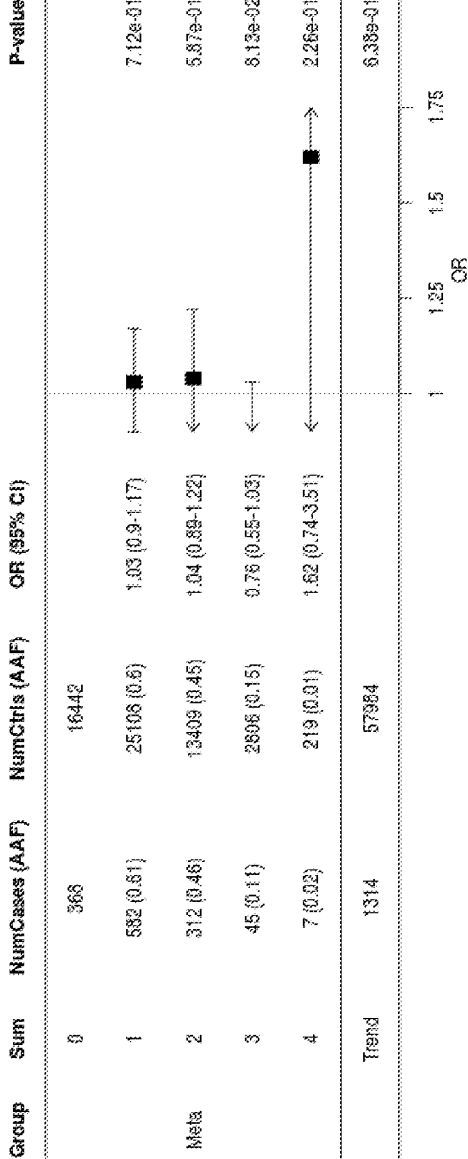


Figure 7 (cont.)

A

Variables	Asthma	COPD	ACOS	Controls
Number of Cases/Cases	9293	7556	2336	38810
Median Age Yrs (IQR)	57.6 (43-69.1)	70 (61-78.7)	67.3 (57.9-76.625)	60.7 (47-72)
Number of Females (%)	6835 (0.74)	3632 (0.48)	1458 (0.62)	22662 (0.58)
BMI kg/m ² , (IQR)	32.27 (27.12-38.2575)	29.99 (25.62-35.18)	31.92 (27.1-37.53)	30.1 (26.055-35.24)
Height, in (IQR)	65 (62.5-67.5)	66 (63-69)	65 (62-68)	66 (63-69)
Current Smoker	1583 (0.17)	2171 (0.29)	570 (0.24)	5177 (0.13)
Former Smoker	3655 (0.39)	4541 (0.6)	1308 (0.56)	14201 (0.37)
Number with Eosinophil Counts	8244 (0.89)	6743 (0.89)	2168 (0.93)	30467 (0.79)
Median Eos Count (IQR)	0.18 (0.115-0.26)	0.19 (0.125-0.27)	0.2 (0.13-0.28)	0.15 (0.1-0.22)

B

ACOS	Asthma	COPD	ACOS	Controls
Number of Cases/Cases	3974	2227	657	21151
Median Age Yrs (IQR)	49.1 (34.2-62.3)	64.8 (56.65-73.35)	61.7 (52.8-71.6)	53.5 (38.5-65.3)
Number of Females (%)	2968 (0.75)	1237 (0.56)	449 (0.68)	12886 (0.61)
BMI kg/m ² , (IQR)	31.07 (26.09-36.81)	29.27 (25.2-34.8425)	31.235 (26.57-37.14)	29.3 (25.33-34.28)
Height, in (IQR)	65 (63-67.99)	66 (63-69)	65 (62-68)	66 (63-69)
Current Smoker	843 (0.21)	798 (0.36)	211 (0.32)	3658 (0.17)
Former Smoker	1309 (0.33)	1186 (0.53)	325 (0.49)	6619 (0.31)
Number with Eosinophil Counts	3232 (0.81)	1923 (0.86)	599 (0.91)	14571 (0.69)
Median Eos Count (IQR)	0.18 (0.115-0.265)	0.19 (0.12-0.27)	0.2 (0.125-0.28)	0.15 (0.1-0.22)

Figure 8

C

ONMI	Asthma	COPD	Age05	Controls
Number of Cases/Cases	8922	7322	2258	37244
Median Age Yrs (IQR)	57.8 (43.3-69.3)	70.1 (61.1-78.9)	67.45 (58.025-76.8)	60.9 (47.2-72.2)
Number of Females (%)	6552 (0.73)	3503 (0.48)	1406 (0.62)	21677 (0.58)
BMI kg/m2, (IQR)	32.285 (27.12-38.26)	29.99 (25.62625-35.15)	31.93 (26.985-37.49)	30.1 (26.07-35.22)
Height, in (IQR)	65 (62.5-67.5)	66 (63-69)	65 (62-68)	66 (63-69)
Current Smoker	1516 (0.17)	2093 (0.29)	549 (0.24)	4939 (0.13)
Former Smoker	3522 (0.39)	4412 (0.6)	1269 (0.56)	13658 (0.37)
Number with Eosinophil Counts	7941 (0.89)	6536 (0.89)	2097 (0.93)	29299 (0.79)
Median Eos Count (IQR)	0.18 (0.115-0.26)	0.19 (0.125-0.27)	0.2 (0.13-0.28)	0.15 (0.1-0.22)

D

GSA	Asthma	COPD	Age05	Controls
Number of Cases/Cases	3912	2214	651	20816
Median Age Yrs (IQR)	49.6 (34.1-62.5)	64.8 (56.7-73.4)	61.7 (52.9-71.9)	53.6 (38.6-65.4)
Number of Females (%)	2915 (0.75)	1218 (0.55)	445 (0.68)	12664 (0.61)
BMI kg/m2, (IQR)	31.08 (26.14-36.8075)	29.26 (25.18-34.84)	31.17 (26.57-37.13)	29.34 (25.36-34.28)
Height, in (IQR)	65 (63-68)	66 (63-69)	65 (62.44-68)	66 (63-69)
Current Smoker	820 (0.21)	782 (0.35)	209 (0.32)	3571 (0.17)
Former Smoker	1291 (0.33)	1190 (0.54)	324 (0.5)	6518 (0.31)
Number with Eosinophil Counts	3184 (0.81)	1918 (0.87)	593 (0.91)	14430 (0.69)
Median Eos Count (IQR)	0.18 (0.115-0.265)	0.19 (0.12-0.27)	0.2 (0.125-0.28)	0.15 (0.1-0.22)

Figure 8 (cont.)

A) Allergic Rhinitis

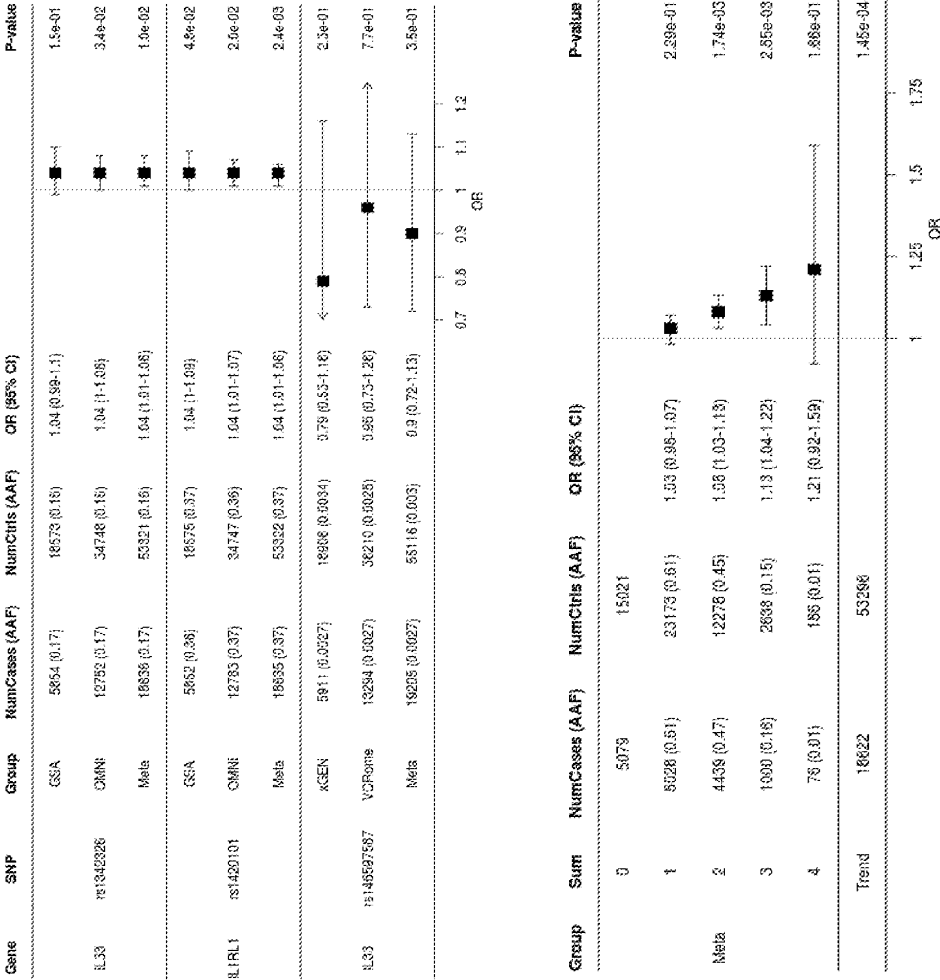


Figure 9

B) Nasal Polyps

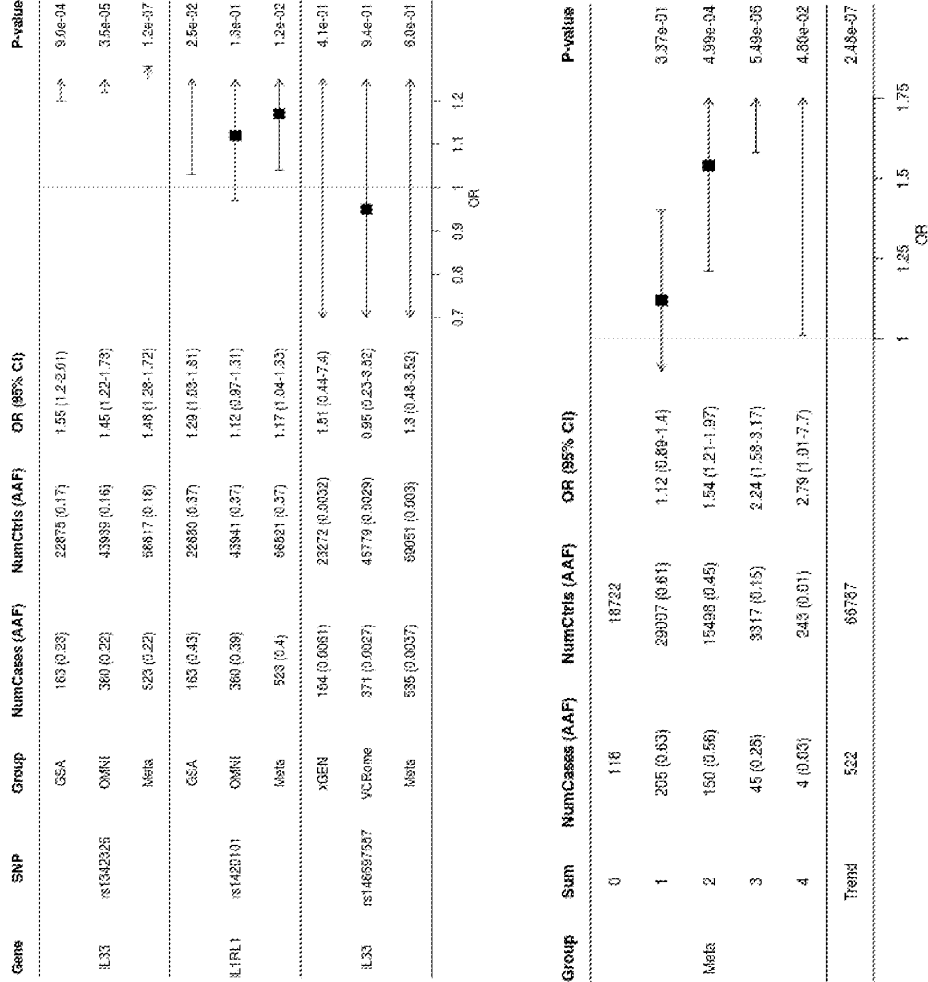


Figure 9 (cont.)