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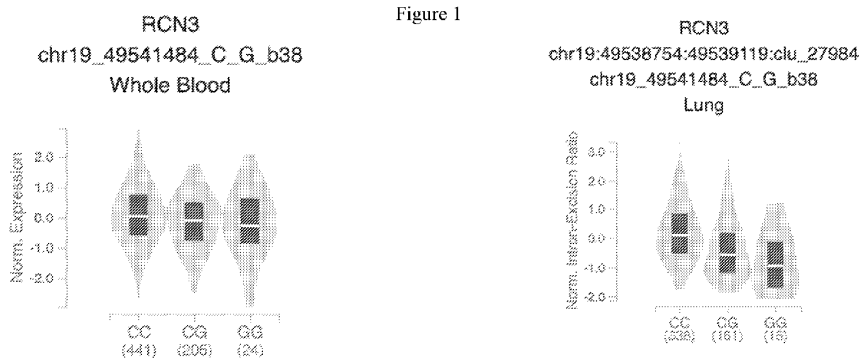
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(54) Title: RETICULOCALBIN-3 (RCN3) VARIANTS AND TREATMENT OF ASTHMA WITH INTERLEUKIN-4 RECEPTOR ALPHA (IL4R) ANTAGONISTS



Gene	SNP Id	P-Value	Effecttype	Tissue
RCN3	rs113886122	3.30E-15	-0.18 eQTL	Whole Blood
RCN3	rs113886122	1.90E-12	-0.55 sQTL	Lung

(57) Abstract: The present disclosure provides methods of identifying subjects having a risk of developing asthma exacerbation and methods of treating subjects having asthma and who are undergoing or will be undergoing treatment with an IL4R alpha antagonist and/or the IL13 blocking agent. The methods comprise the step of determining the presence of a RCN3 variant nucleic acid, preferably the intronic RCN3 SNP rs113886122 affecting the RCN3 expression level.

[Continued on next page]

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