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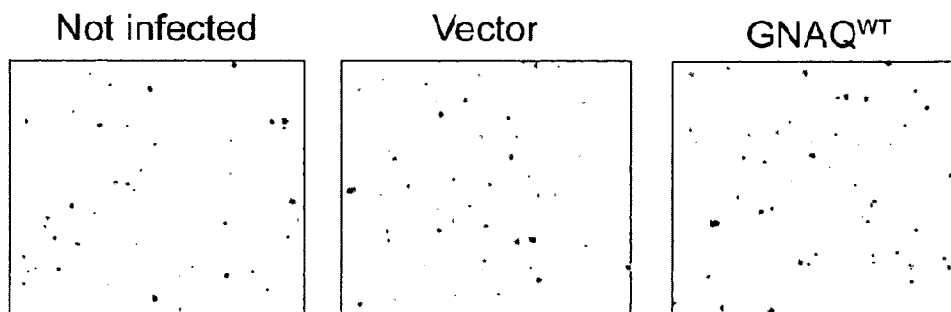
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Figure 1a



(57) Abstract: The present invention provides methods of detecting mutations in a Gnaq gene in a melanocytic neoplasm for diagnostic and prognostic purposes. The invention further provides methods of treating such melanocytic neoplasm by modulating the activity of the mutated Gnaq gene.

WO 2008/098208 A3