

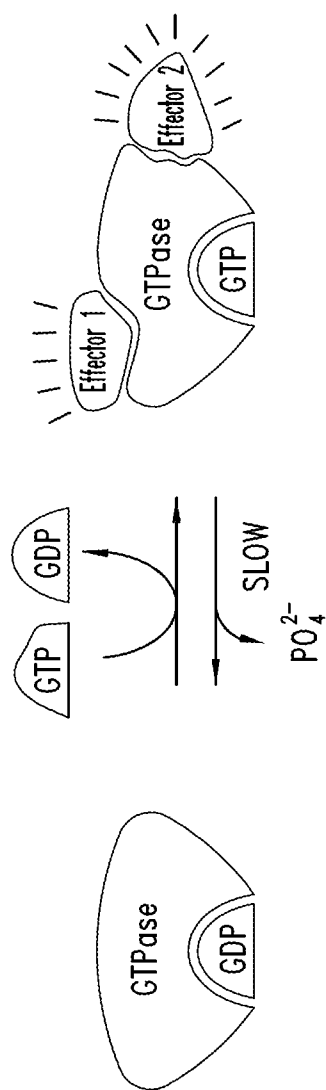


FIG. 1

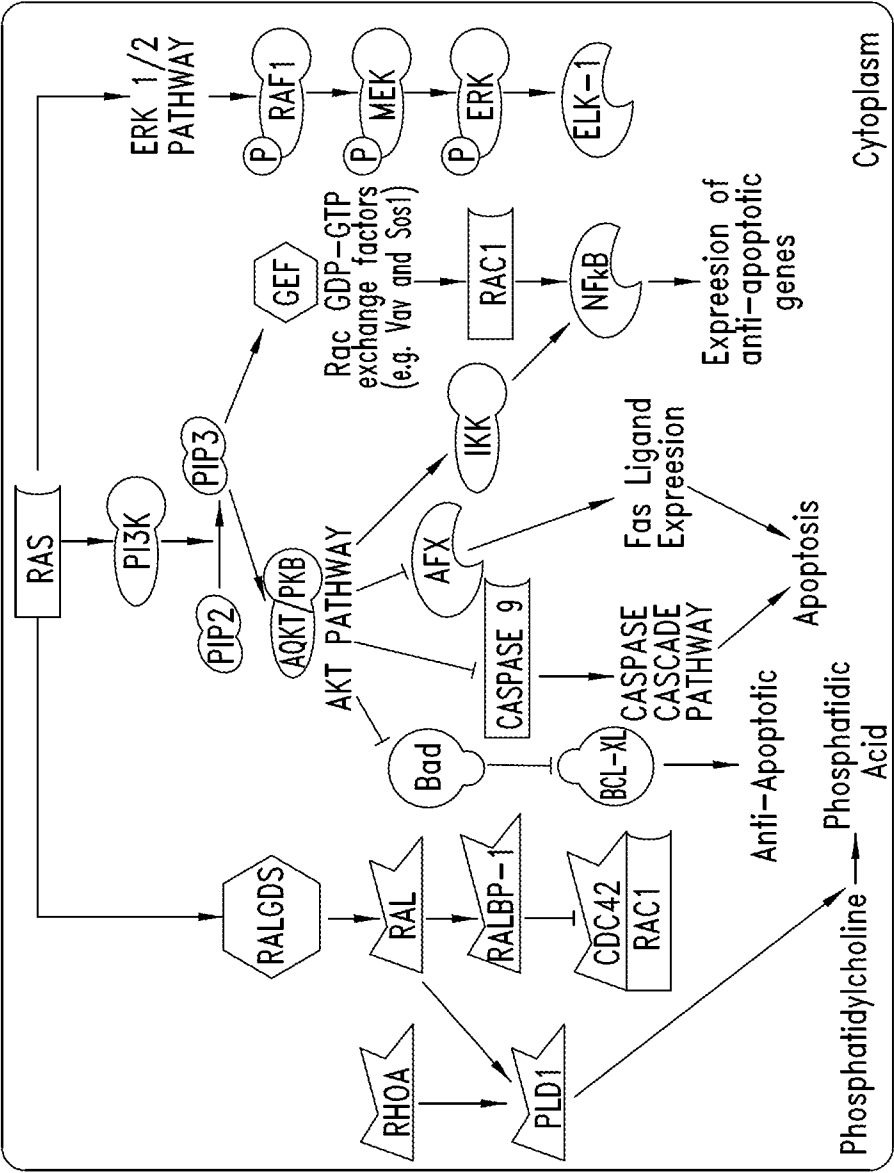


FIG. 2

| Oncogene      | Tumor Type                            | Cumulative Mutation Frequency (All Tumors) |
|---------------|---------------------------------------|--------------------------------------------|
| Bcr-Abl       | 90% CML                               | <1%                                        |
| EGFR          | 10% NSCLC                             | <5%                                        |
| ALK           | 5% NSCLC                              | <1%                                        |
| B-Raf         | 66% Melanoma                          | <5%                                        |
| Flt3          | 25% AML                               | <1%                                        |
| PI3k $\alpha$ | 25% Breast; 25% Endometrial; 15% CRC  | 15–20%                                     |
| K-Ras         | >80% Pancreatic; >40% colon >20% lung | ~20%                                       |

FIG. 3