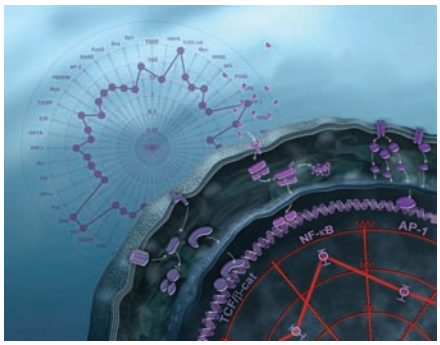

PRESS RELEASE:

ONE REPORTER FOR MANY TFs

Research Triangle Park (February 24, 2008). Today, Attagene Inc. publishes in *Nature Methods* a research article describing its break-through technology that quantitatively evaluates within cell activities of dozens of transcription factors (TFs), all simultaneously. An estimated few hundreds of transcription factor (TF) families hold the keys to regulation of the entire human genome. Attagene's researchers sought to develop a tool that would simultaneously survey the activities of multiple TFs and thus capture the status of cell regulation. They cloned TFs binding sites in front of a reporter sequence with an enzymatic cleavage site in a separate position for each TF, so that after these constructs are transfected within a cell, digest of the reporter species produced spectrum of DNA fragments that mirrored TF activities profile. They developed a system that evaluated the activities of more than 40 TF families and established TF activity profile as a unique signature of a cell.

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