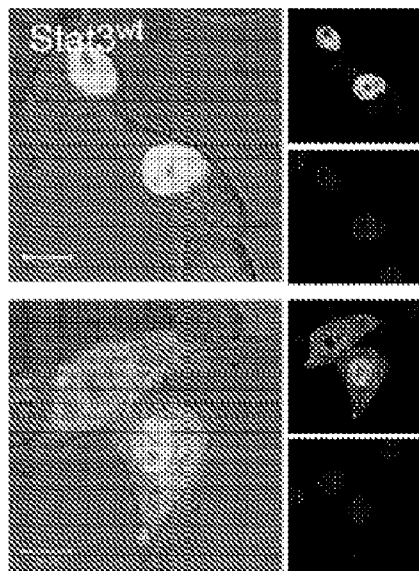




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[Continued on next page]

(54) **Title:** CELL PENETRATING CONJUGATES AND METHODS OF USE THEREOF



- Stat3-GFP
■ Hoechst
■ αStat3/αGFP

FIG. 1A

(57) **Abstract:** Provided herein are cell penetrating conjugates. The conjugates include a non-cell penetrating protein attached to a phosphorothioate nucleic acid or phosphorothioate polymer backbone, wherein the phosphorothioate nucleic acid or phosphorothioate polymer backbone enhances intracellular delivery of the non-cell penetrating protein. Also provided are compositions and kits comprising the conjugates.



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