

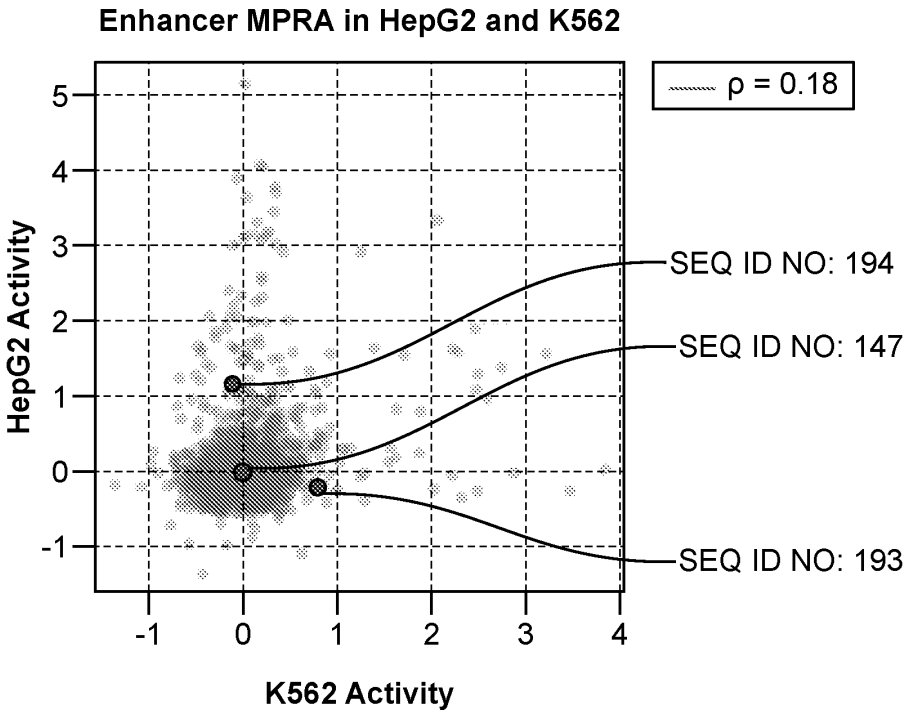


FIG. 1

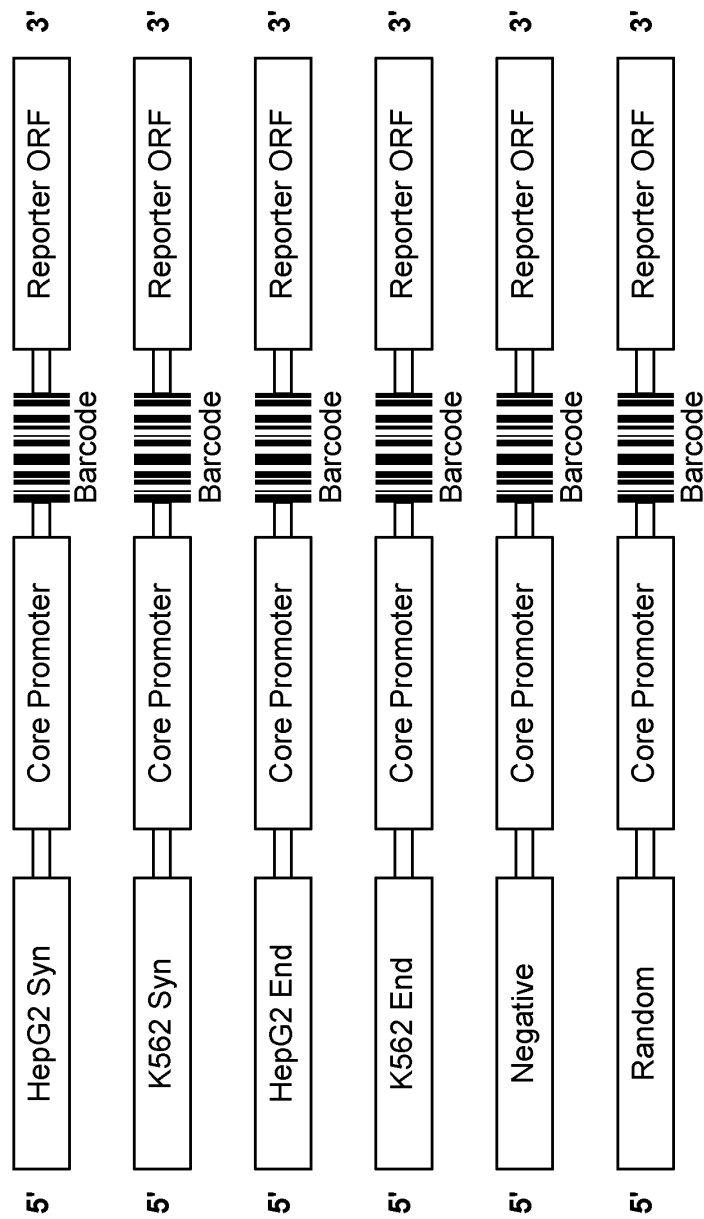


FIG. 2

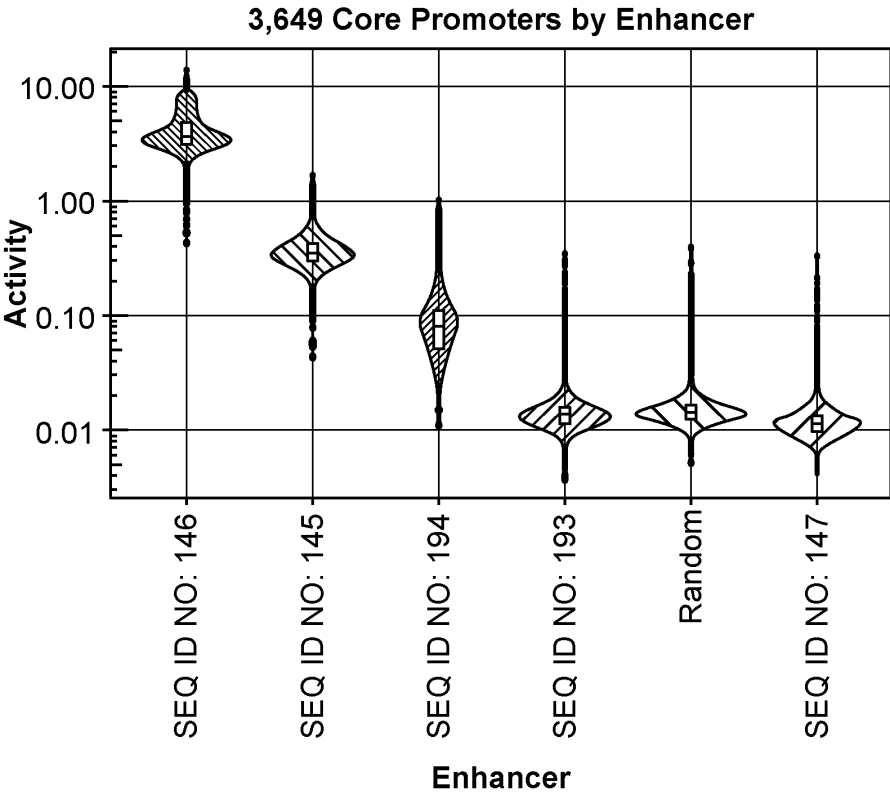


FIG. 3

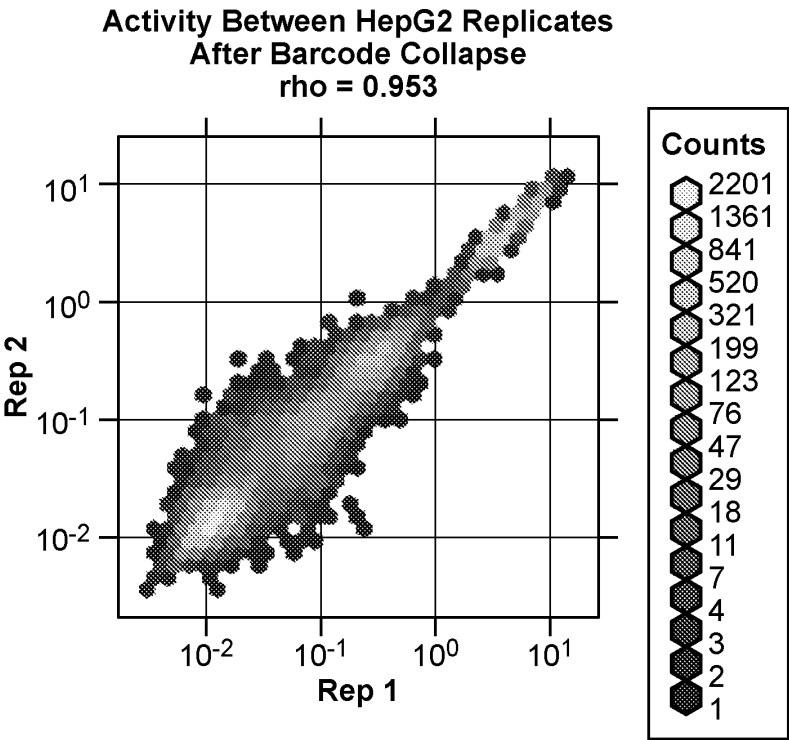


FIG. 4

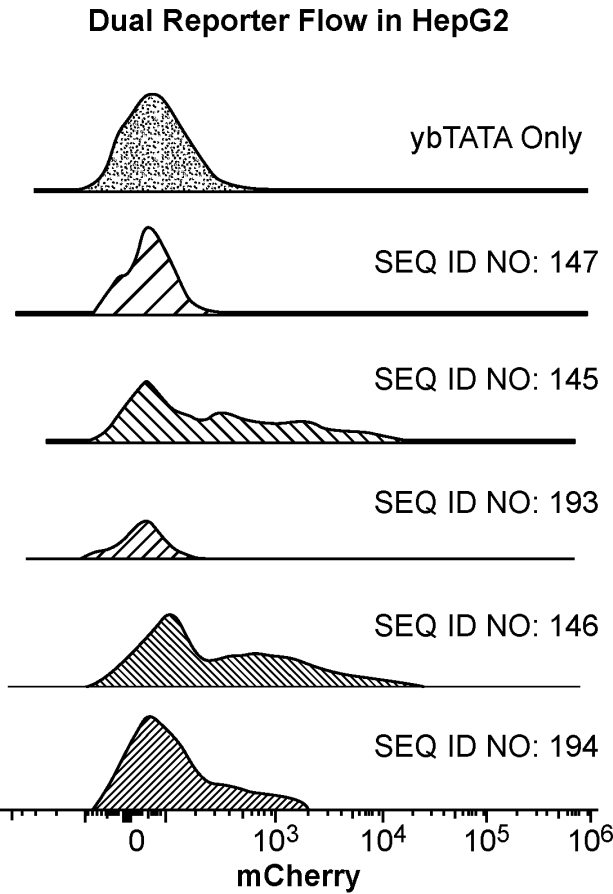


FIG. 5A

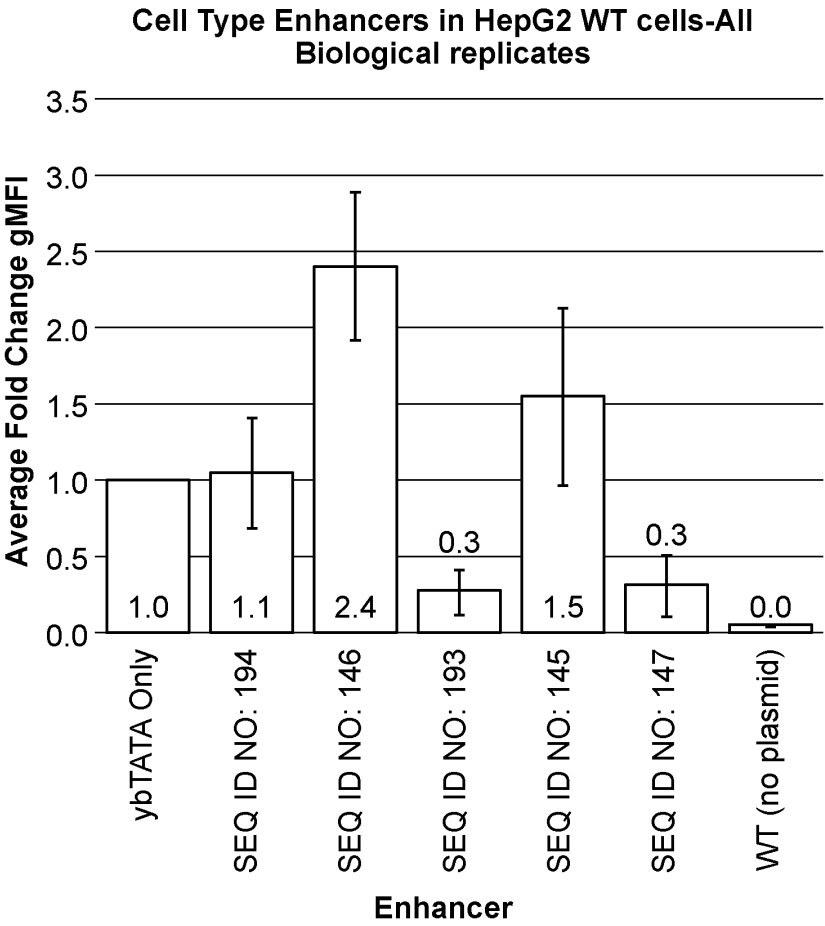


FIG. 5B

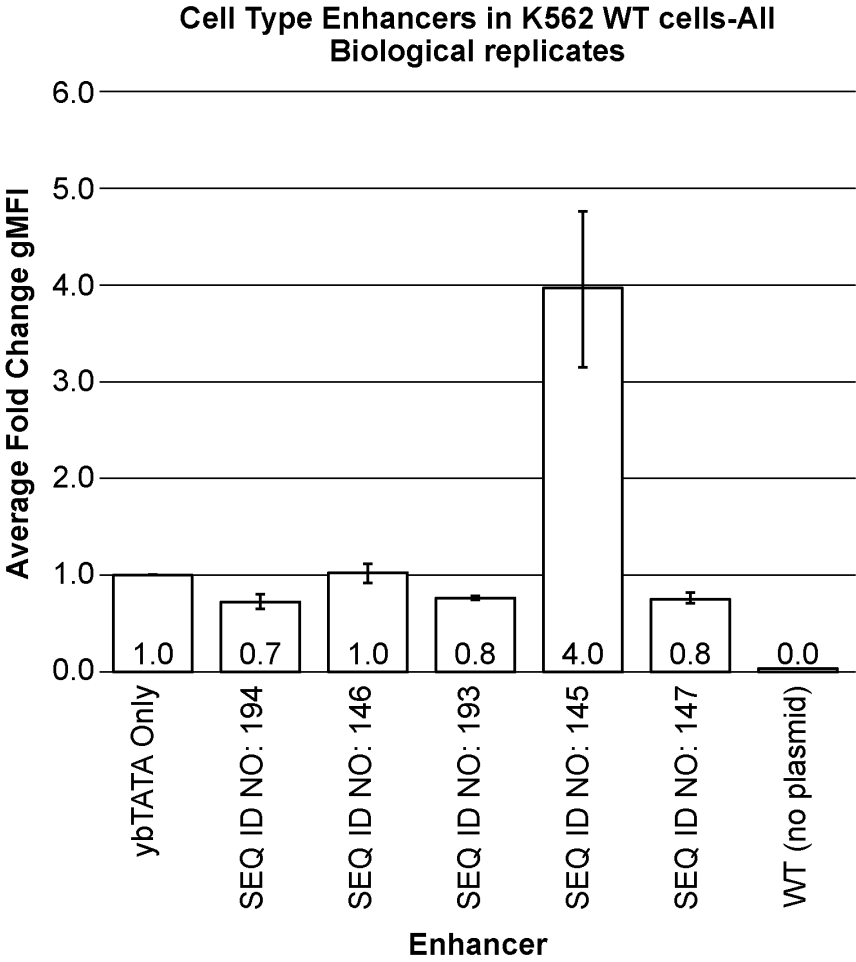


FIG. 5C

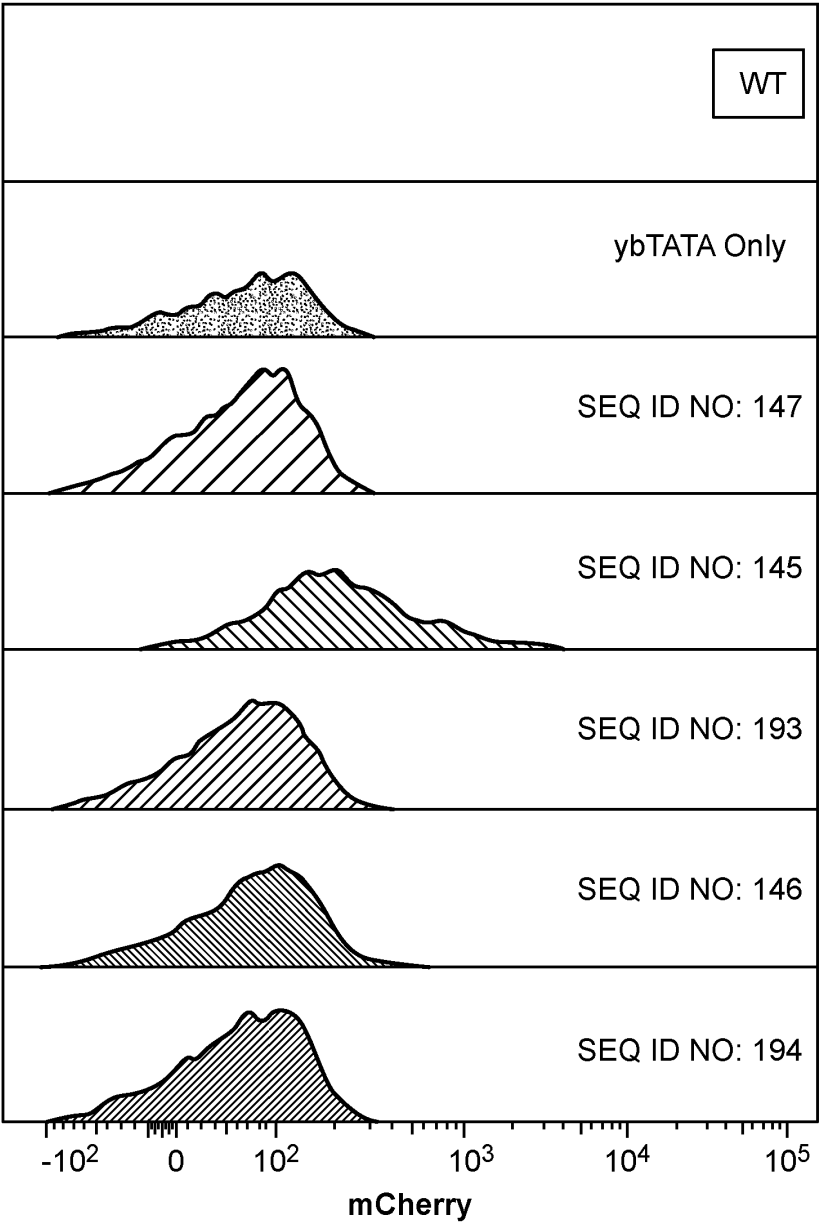


FIG. 5D

Fold Activation in HepG2 Synthetic Enhancer
Vs Different Control Enhancers

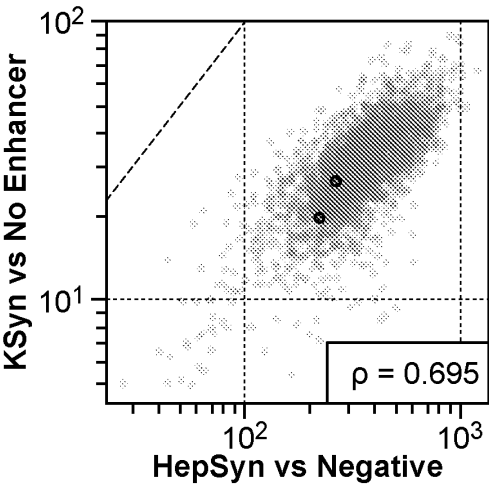


FIG. 6

Synthetic Promoters Activity
by Background Sequence

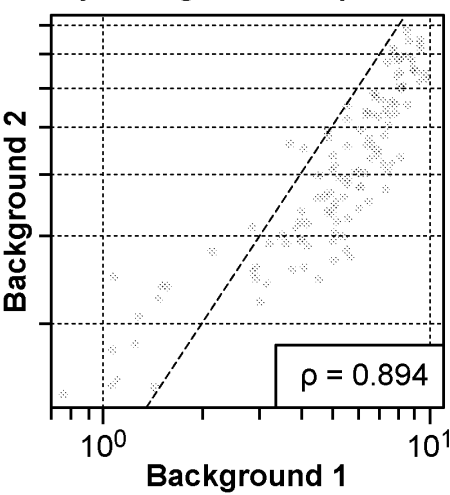


FIG. 7

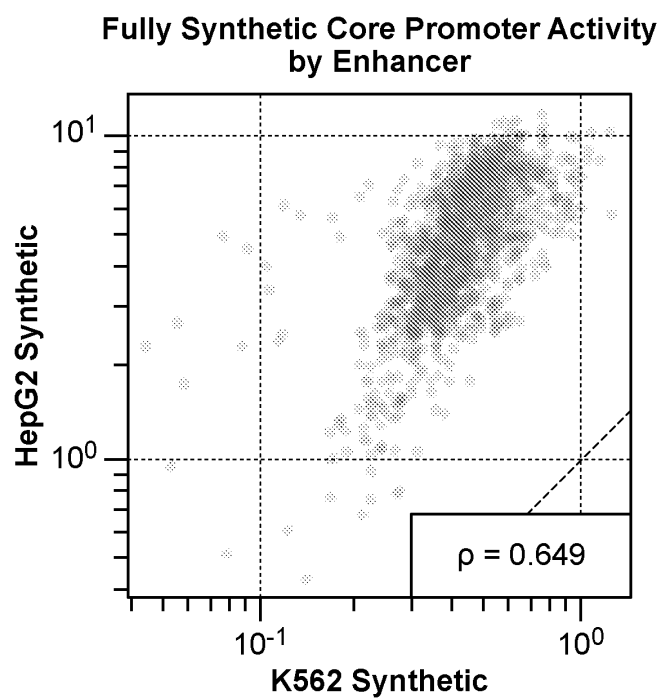


FIG. 8

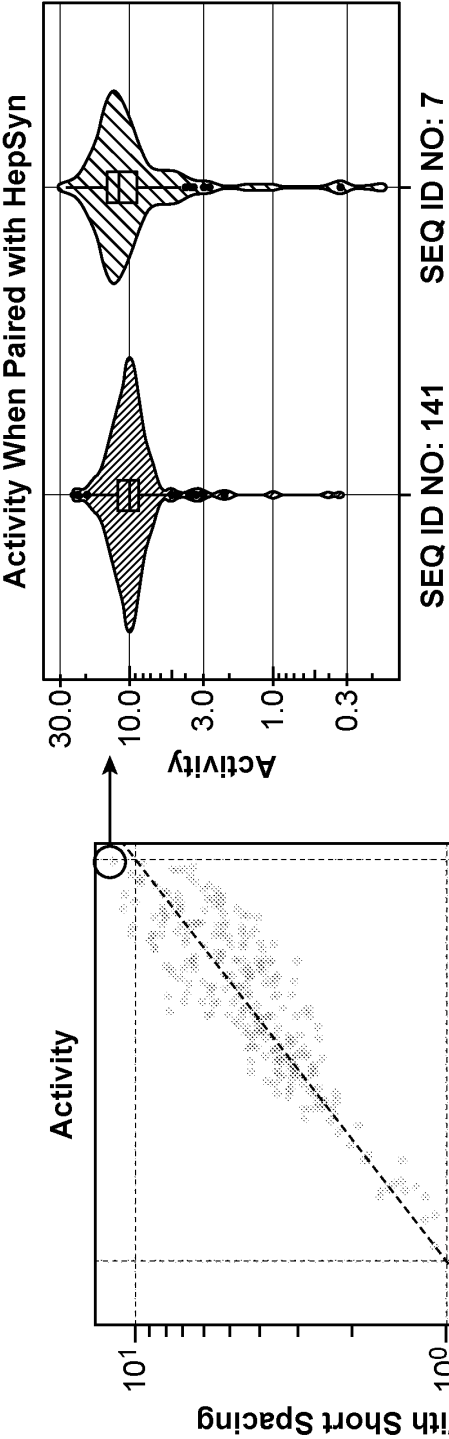


FIG. 9B

FIG. 9A

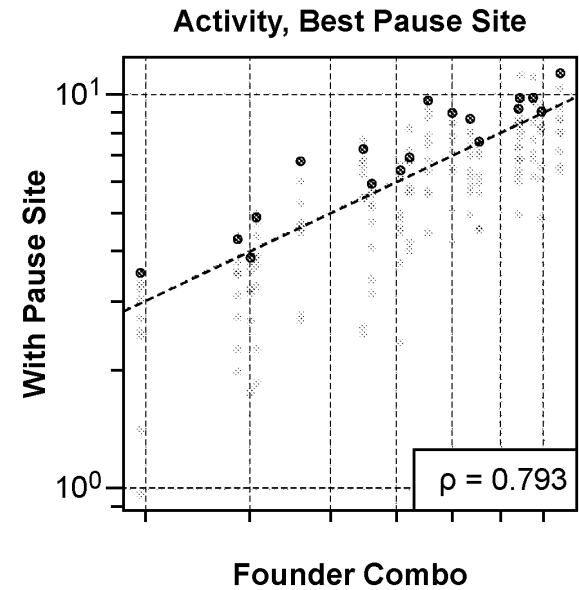


FIG. 10A

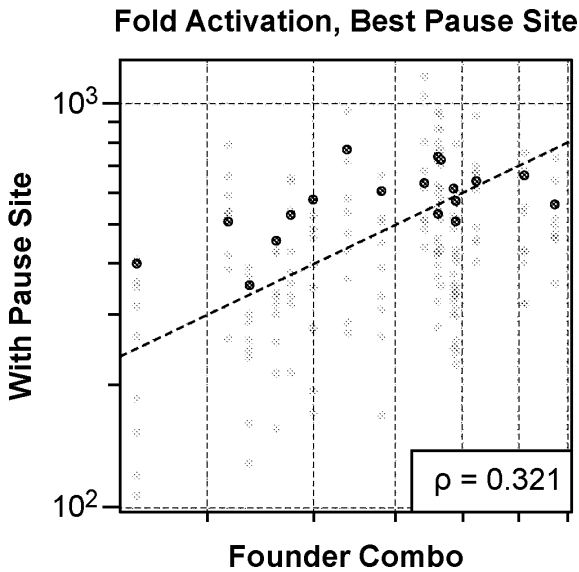


FIG. 10B

Expression with Activated vs. Unactivated Enhancers

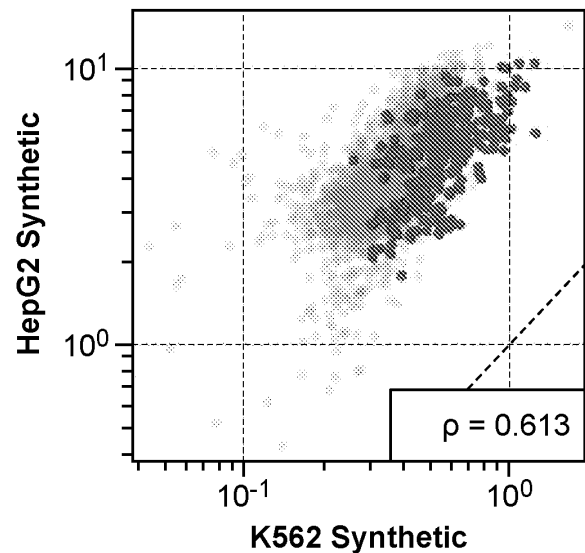


FIG. 11A

Expression with Inactive vs. Unactivated Enhancers

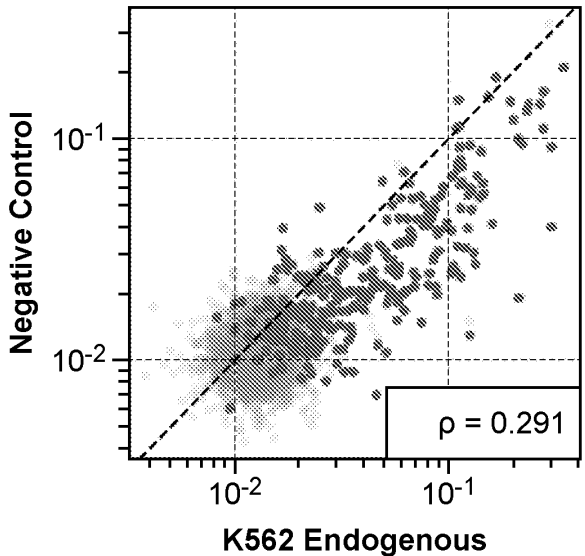


FIG. 11B

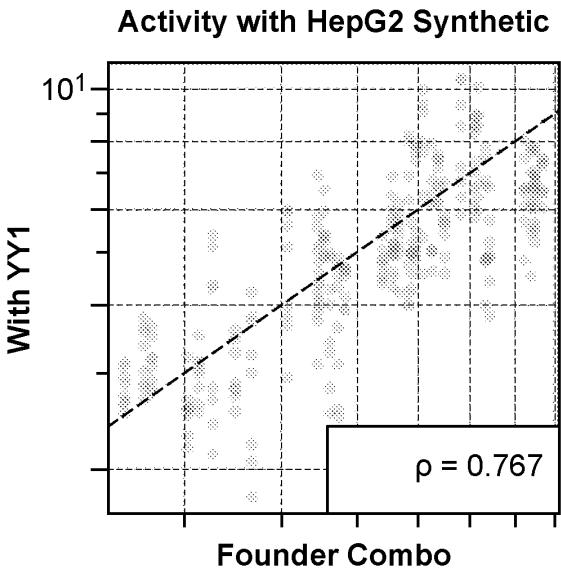


FIG. 11C

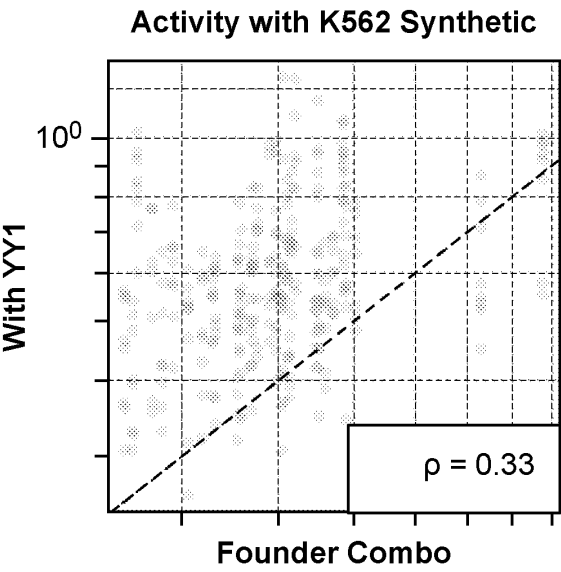


FIG. 11D

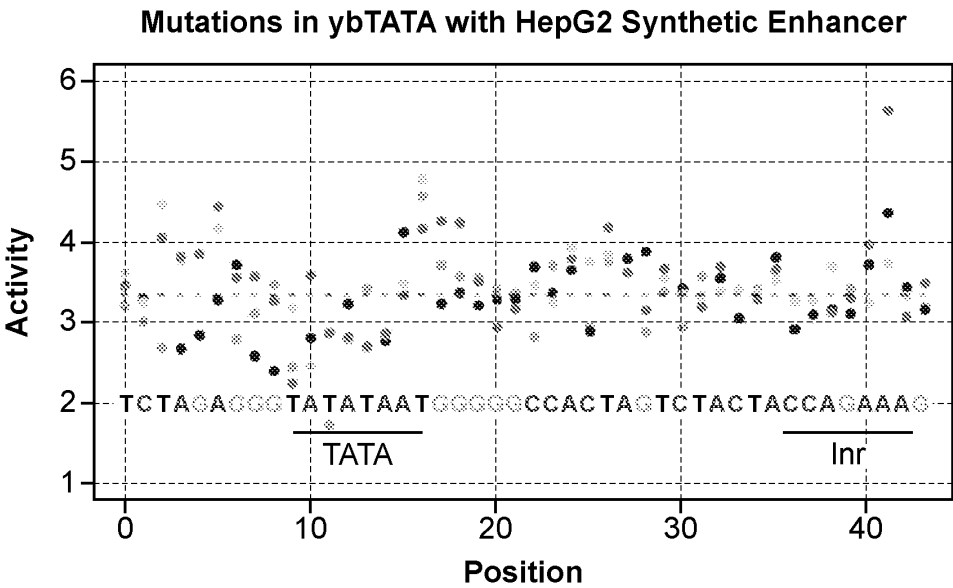


FIG. 12A

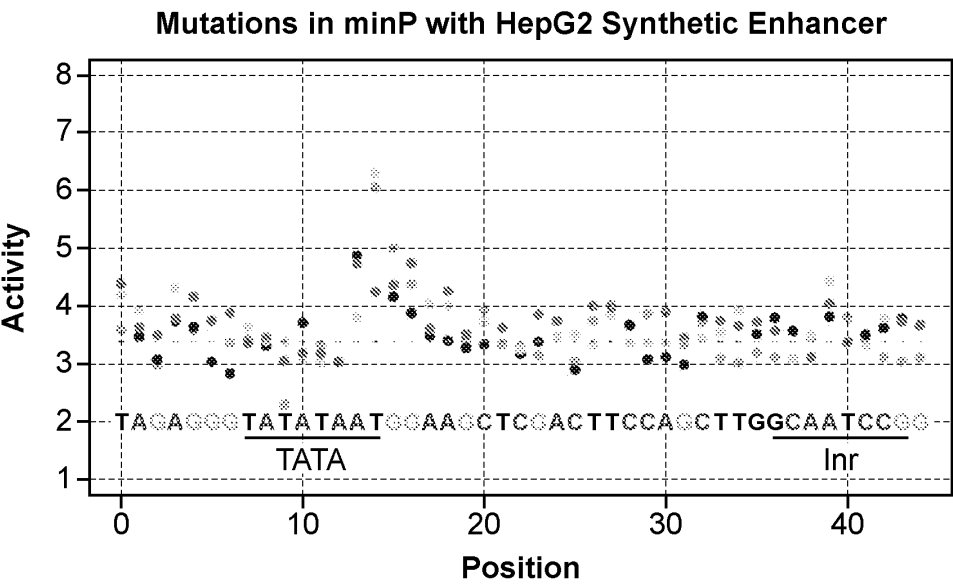


FIG. 12B

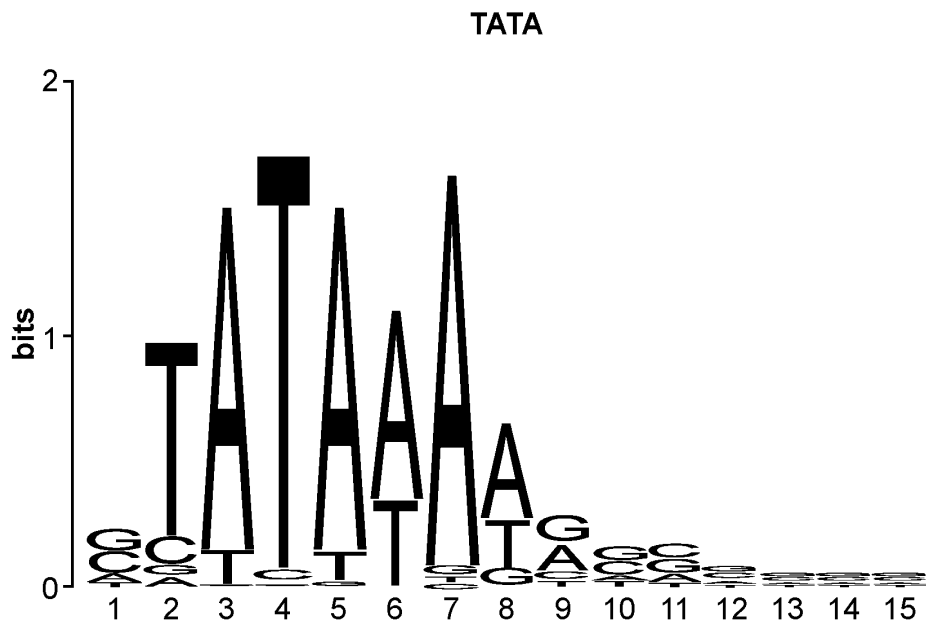


FIG. 13A

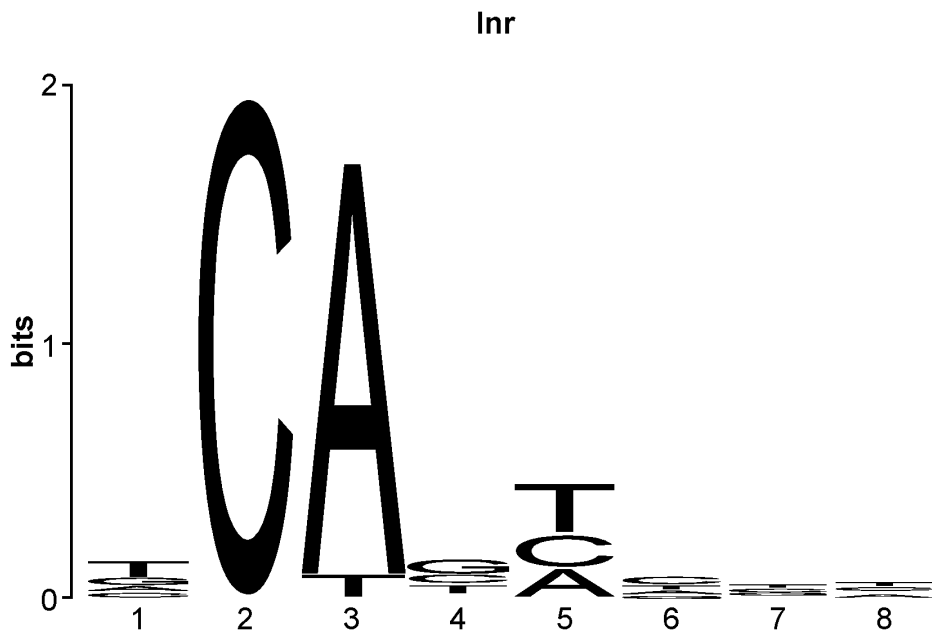


FIG. 13B



FIG. 13C

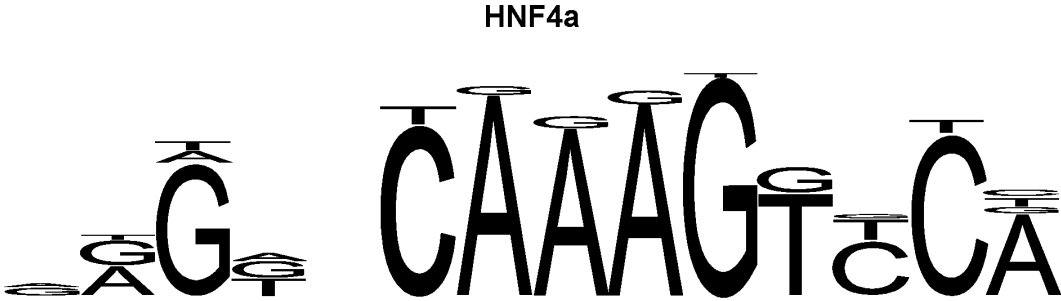


FIG. 13D

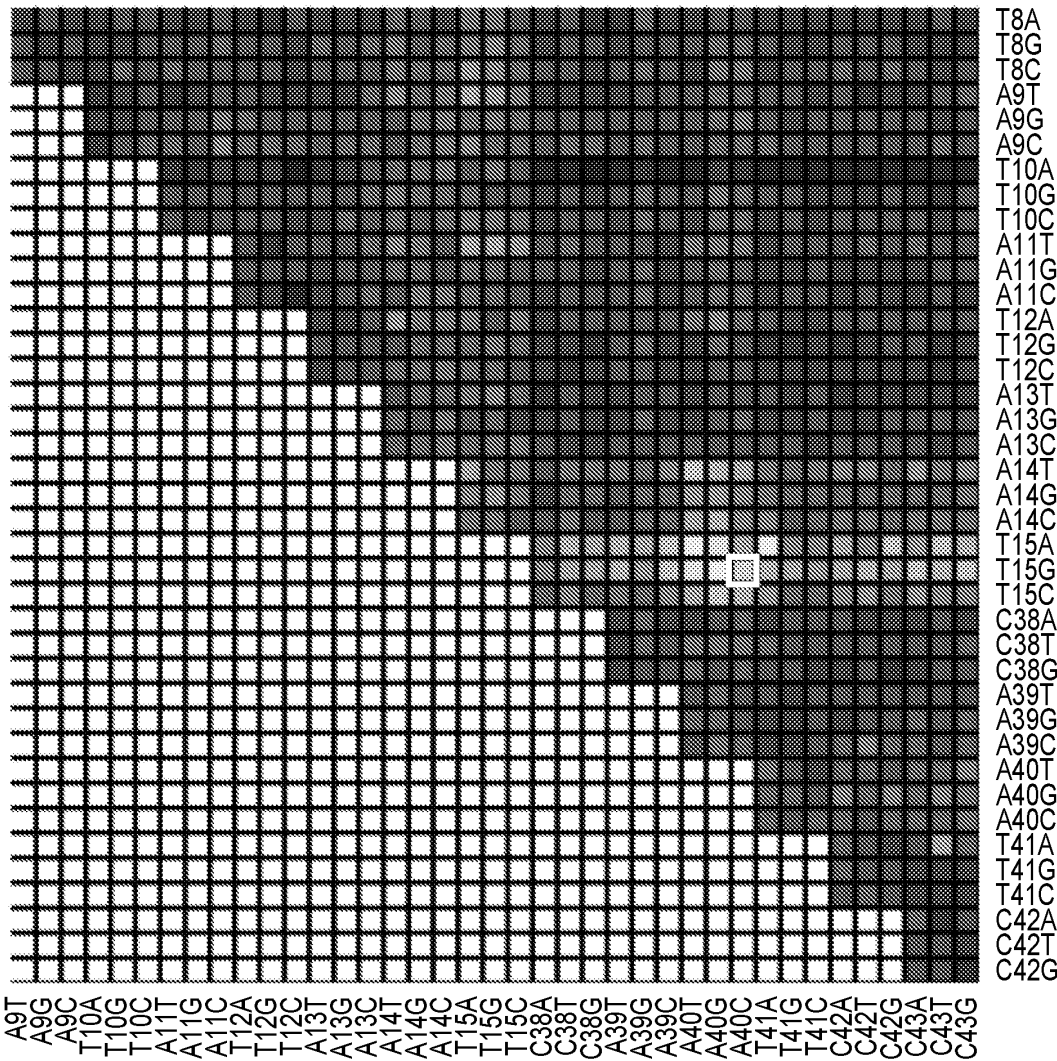


FIG. 14A

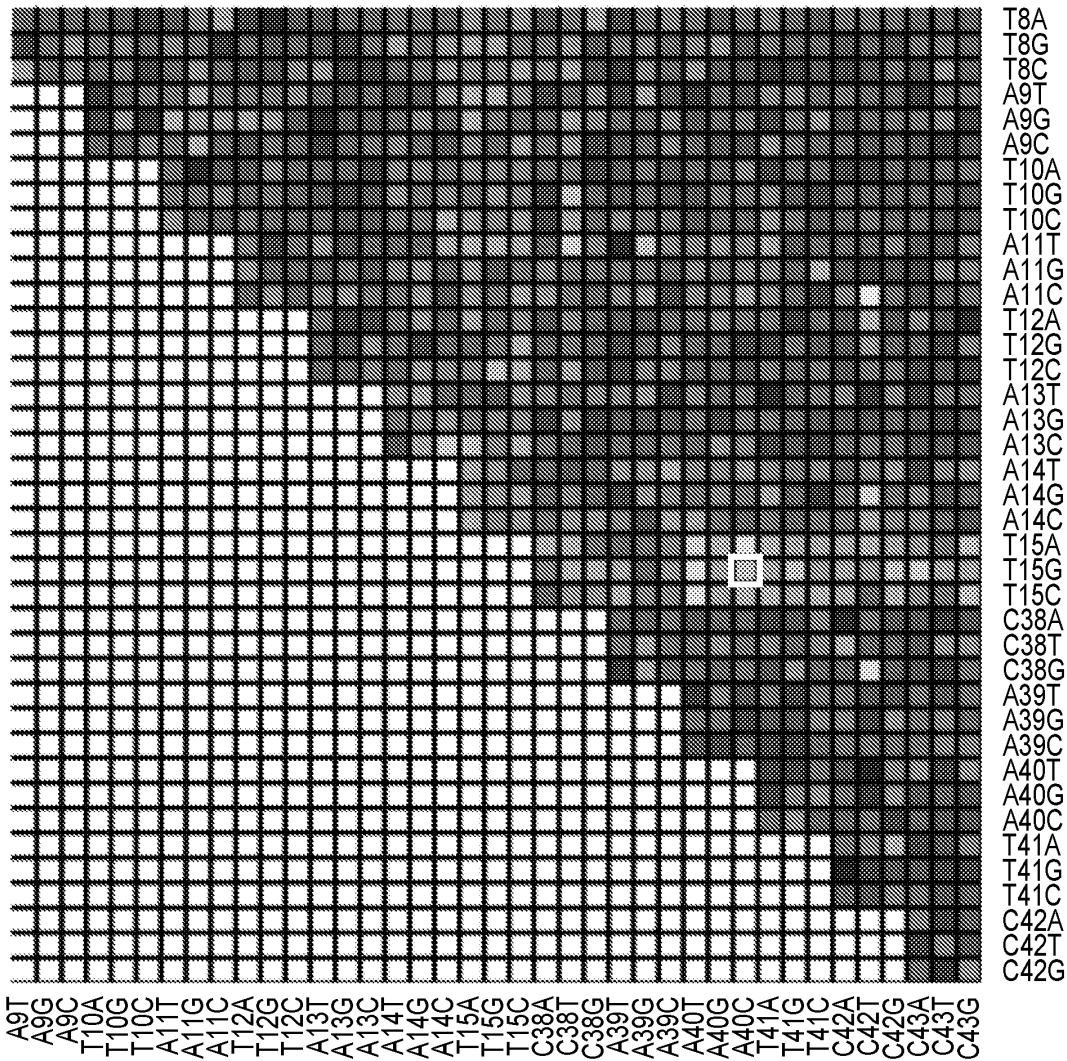


FIG. 14B

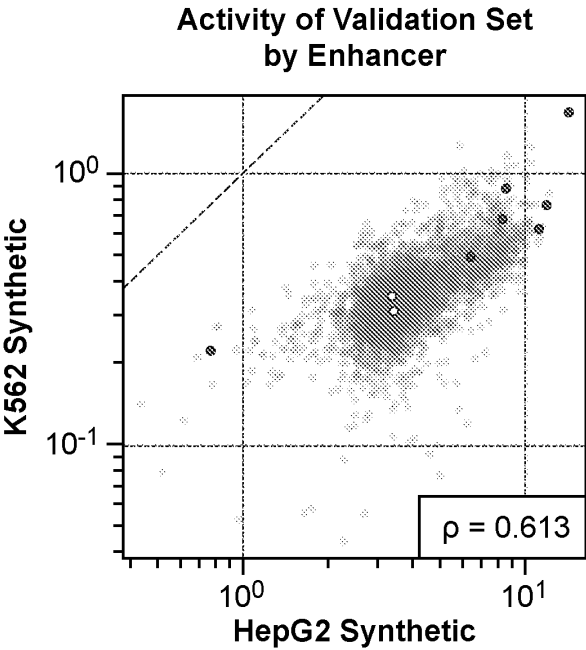


FIG. 15A

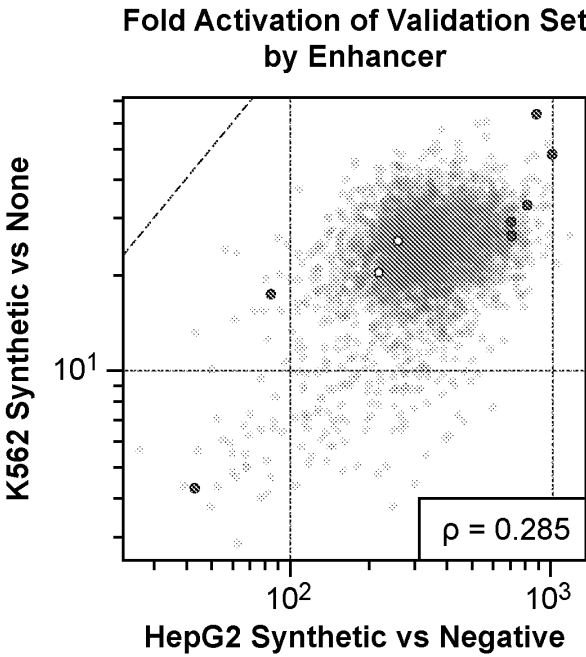


FIG. 15B

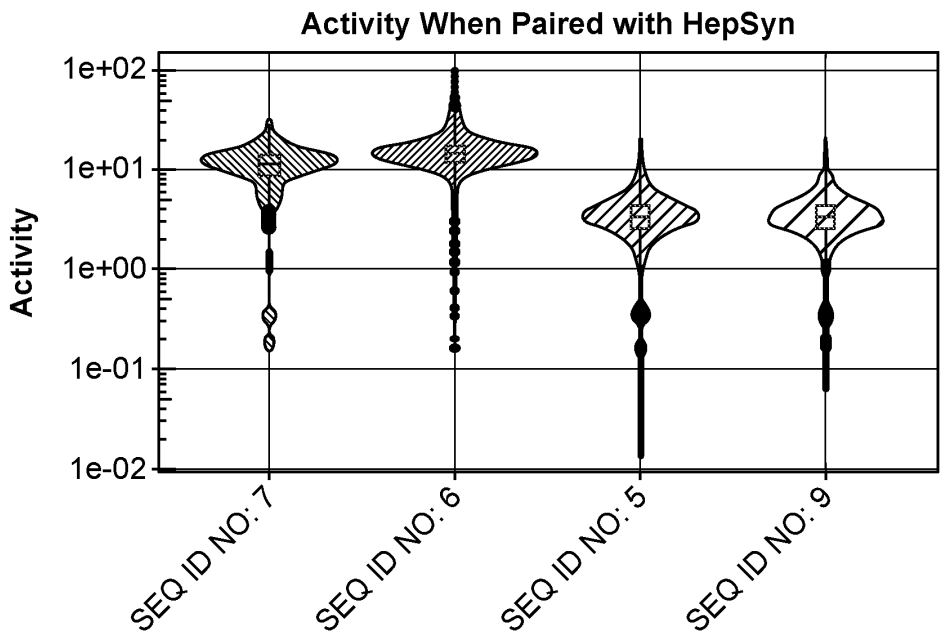


FIG. 16A

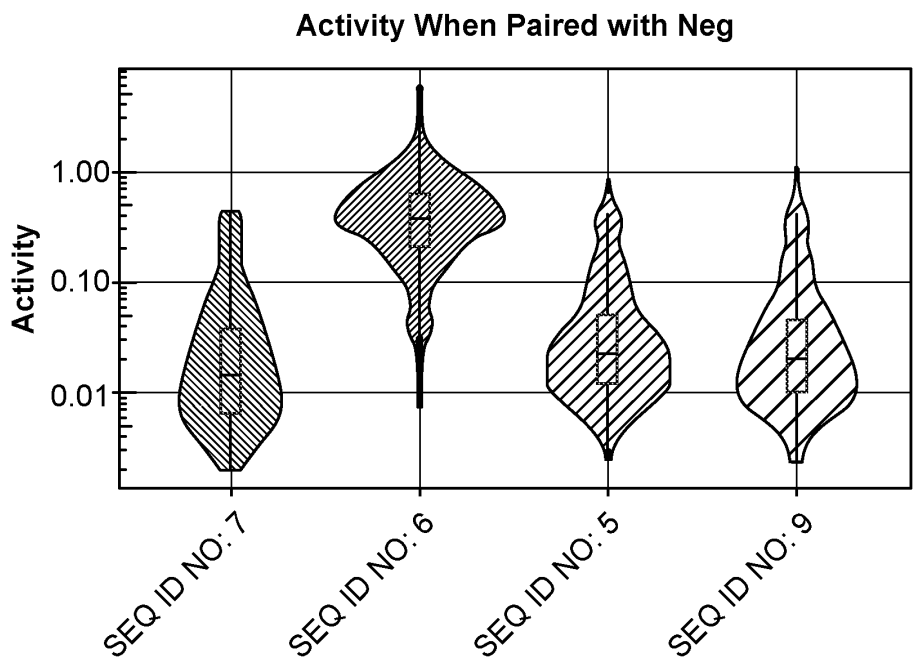


FIG. 16B

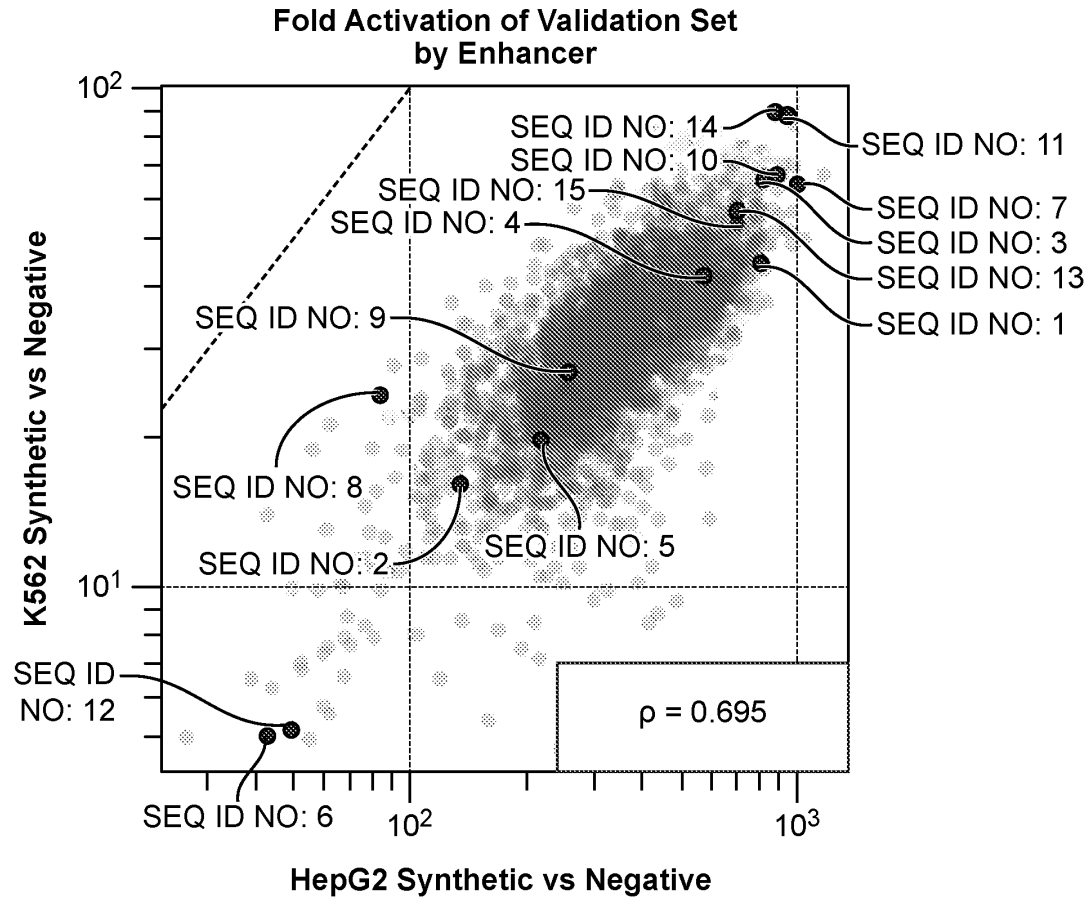


FIG. 17

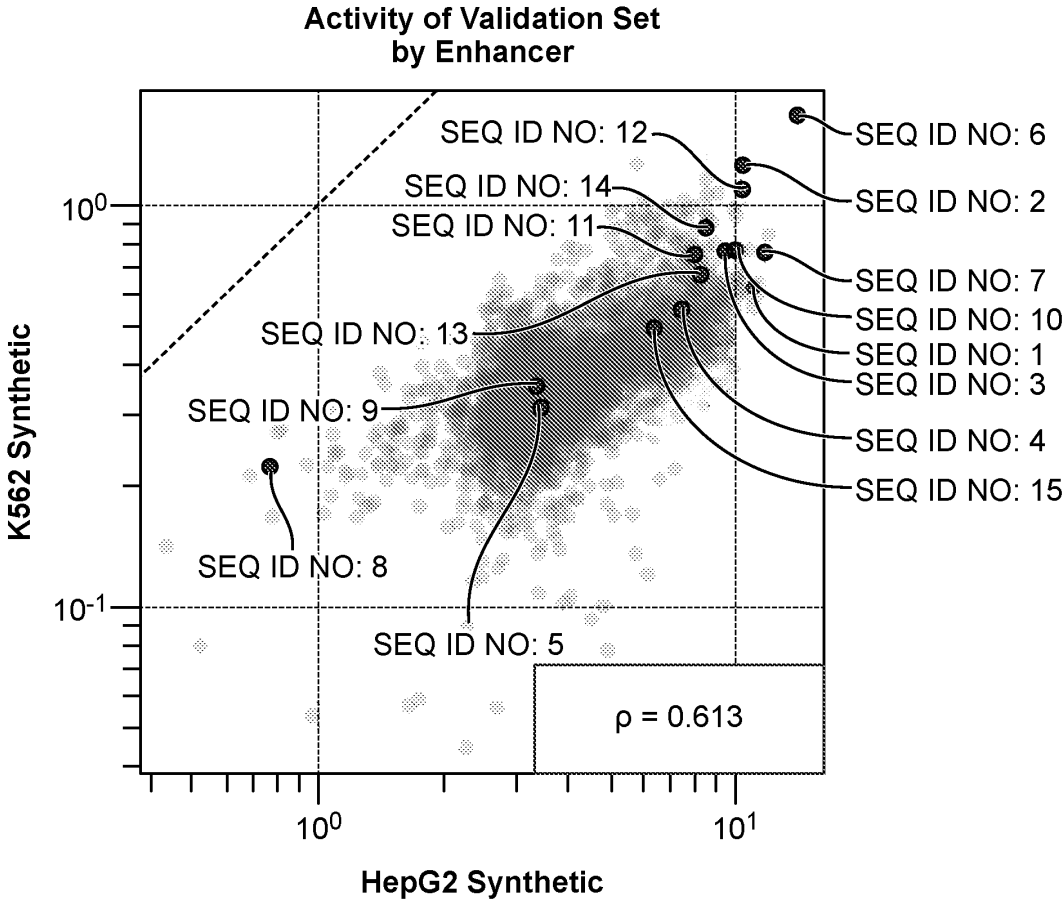


FIG. 18

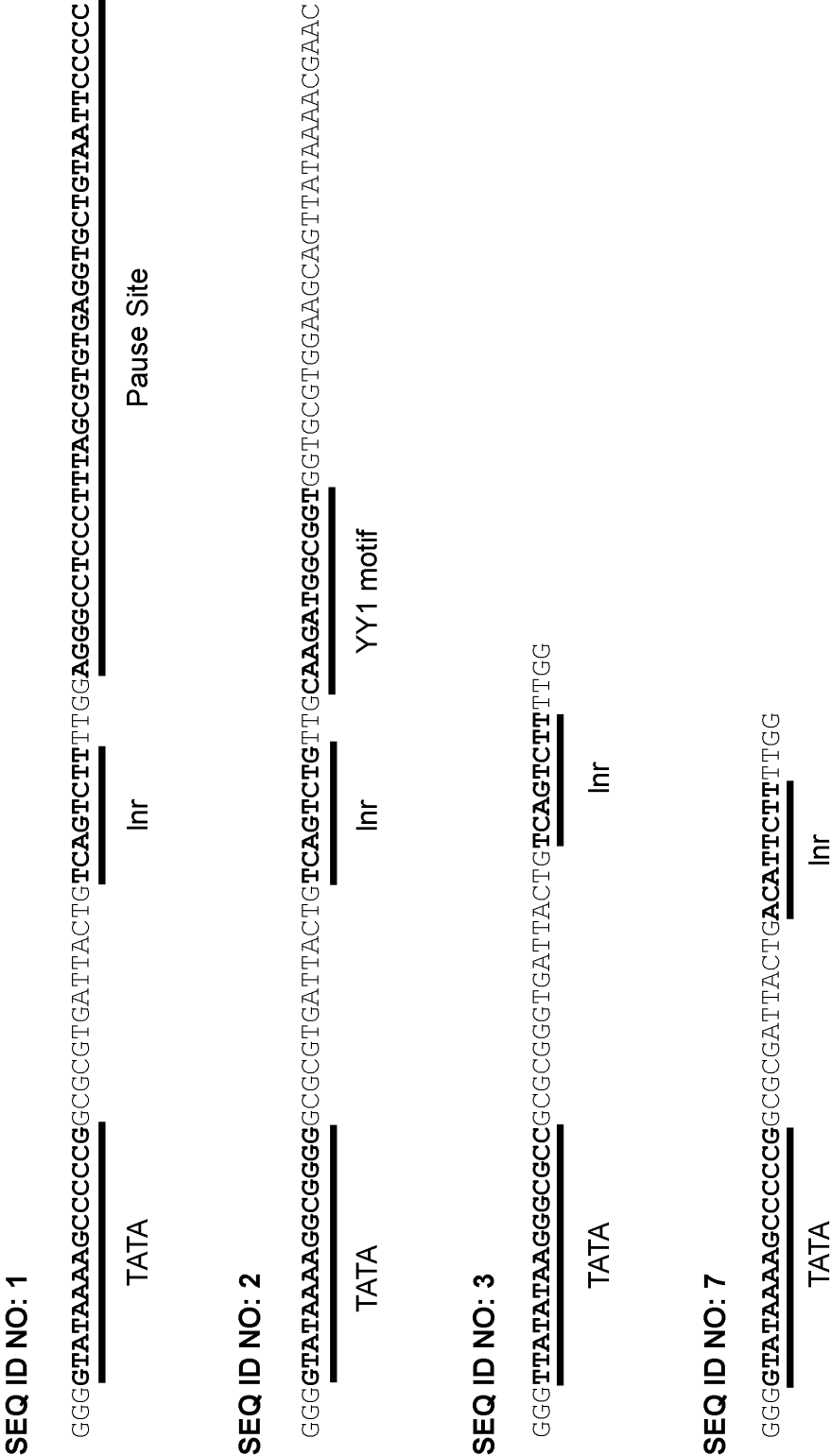


FIG. 19A

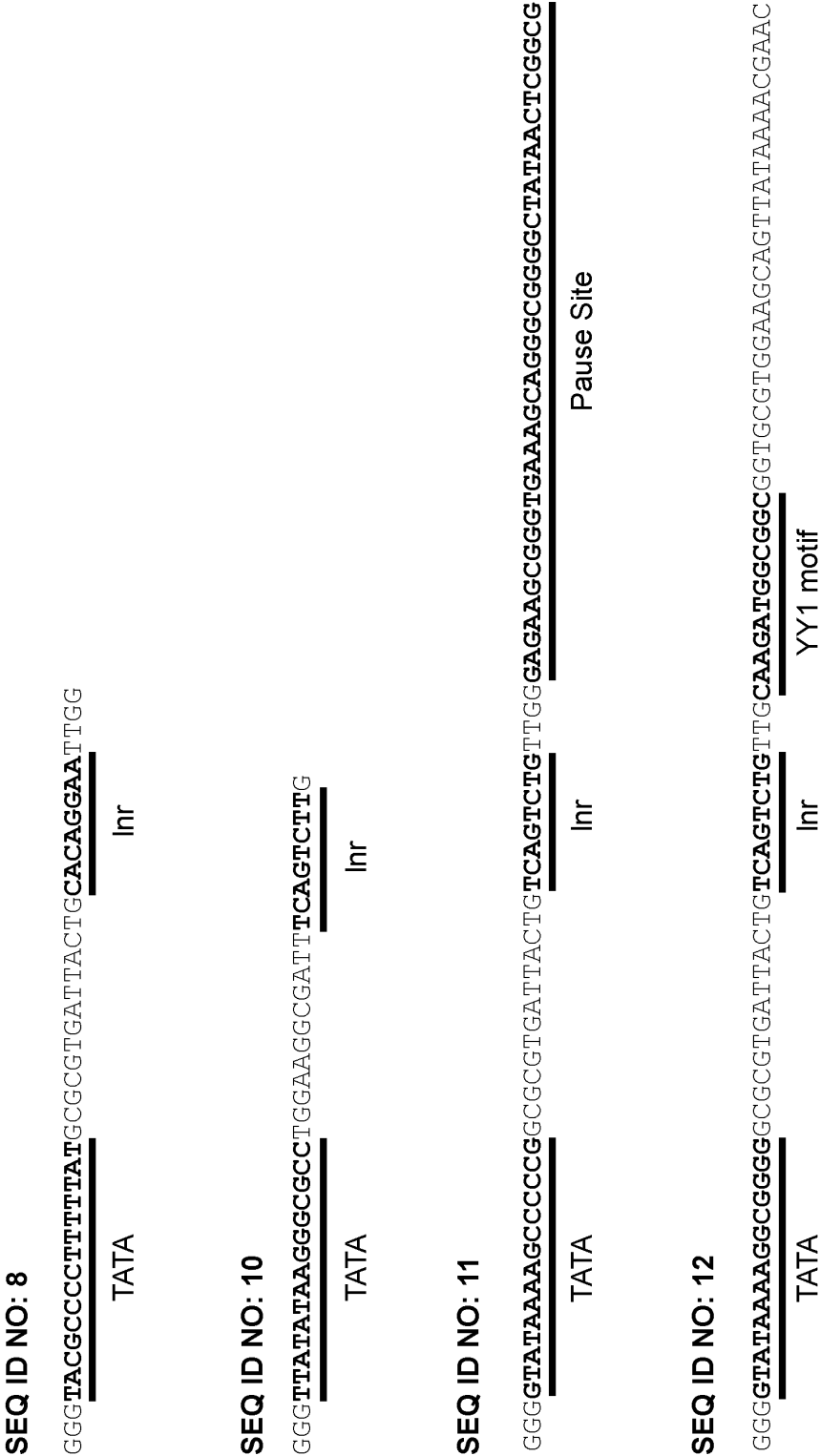


FIG. 19B

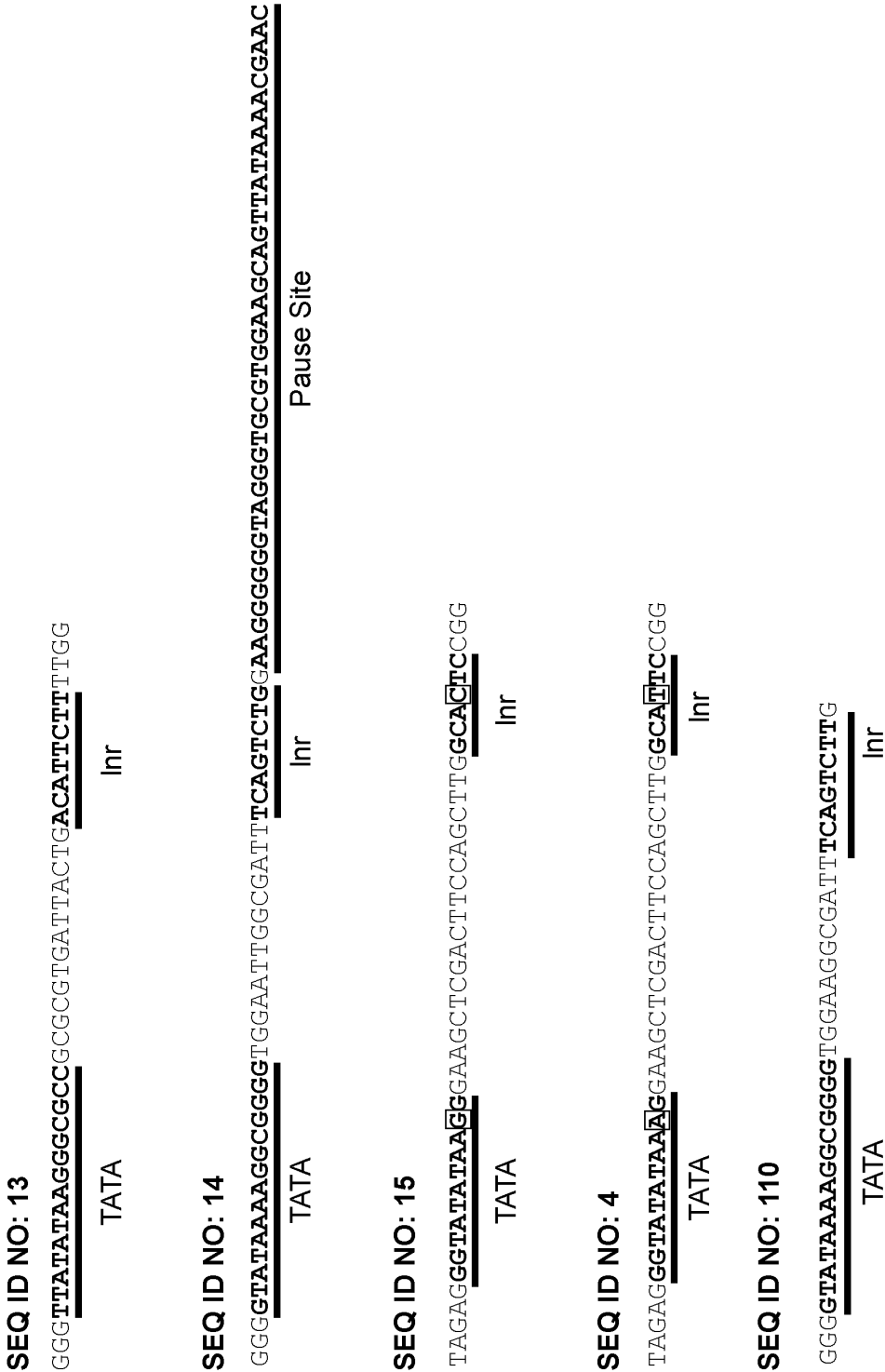


FIG. 19C

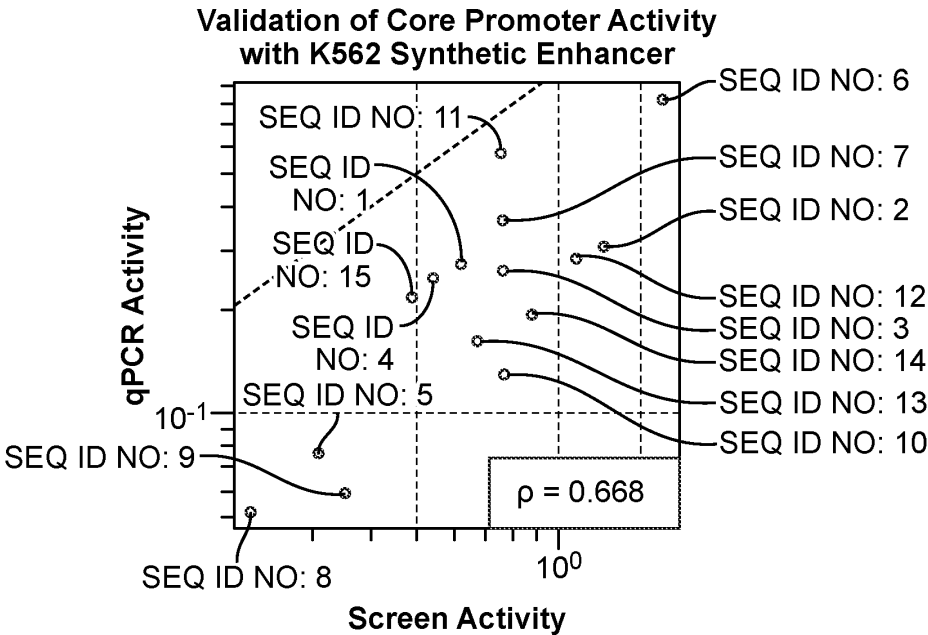


FIG. 20A

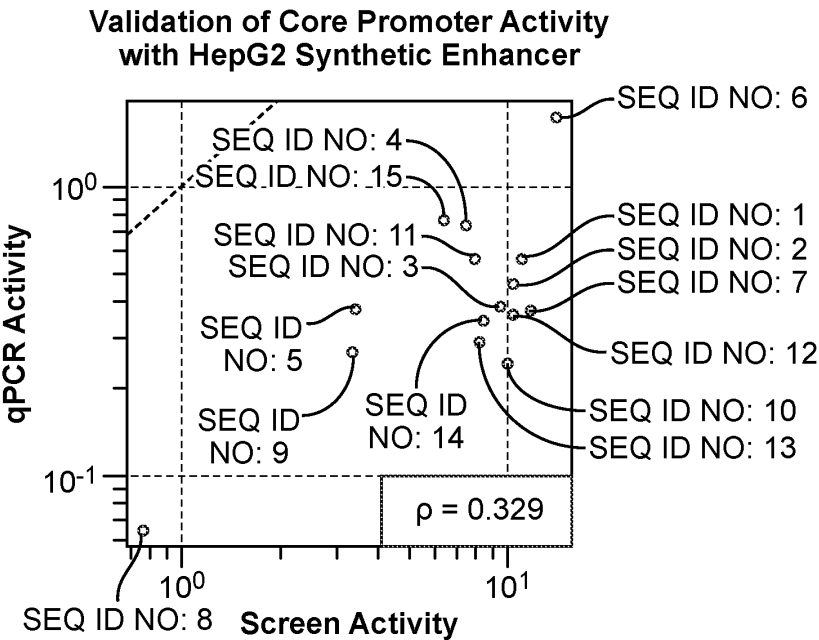


FIG. 20B

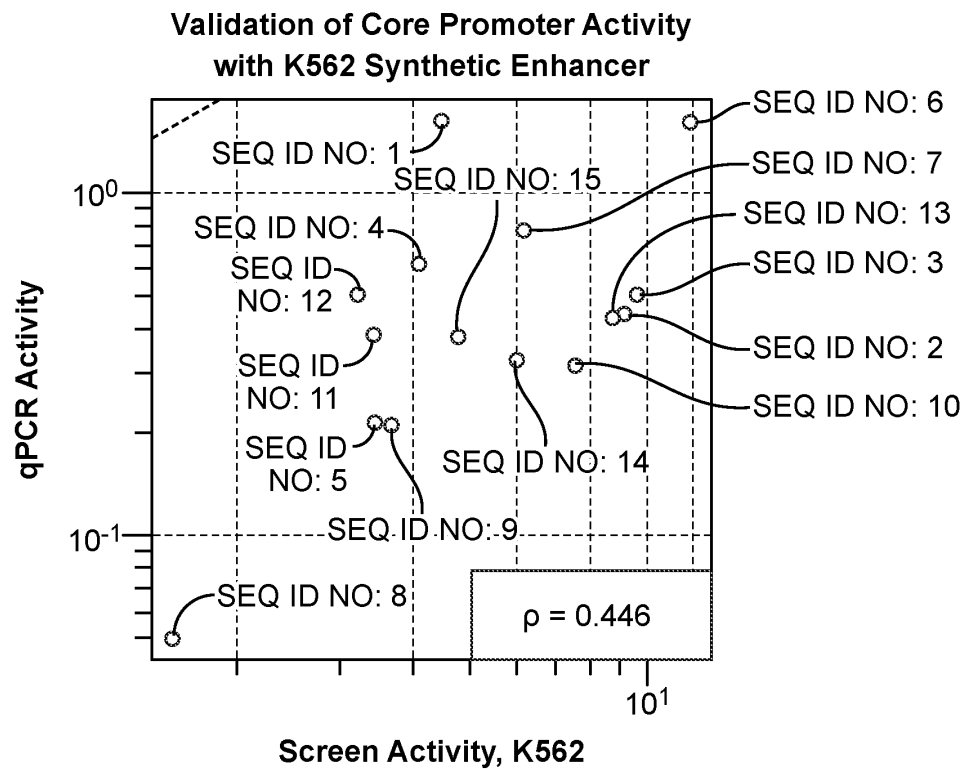


FIG. 20C

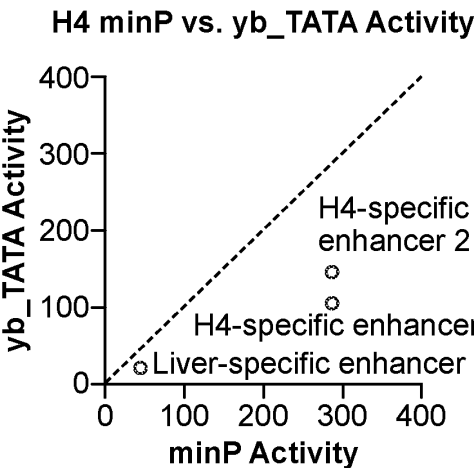


FIG. 21A

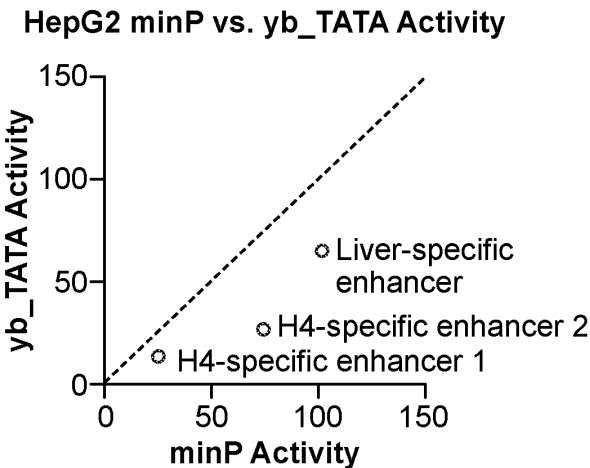


FIG. 21B

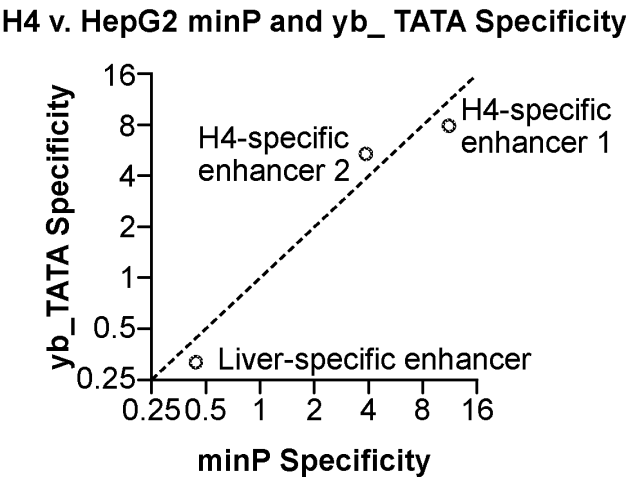


FIG. 21C

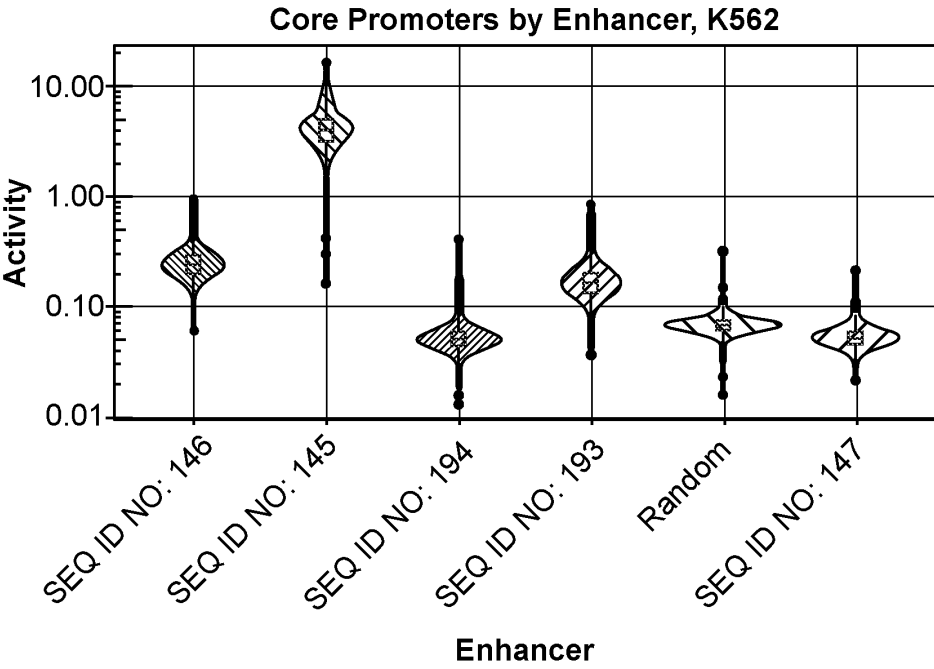


FIG. 22A

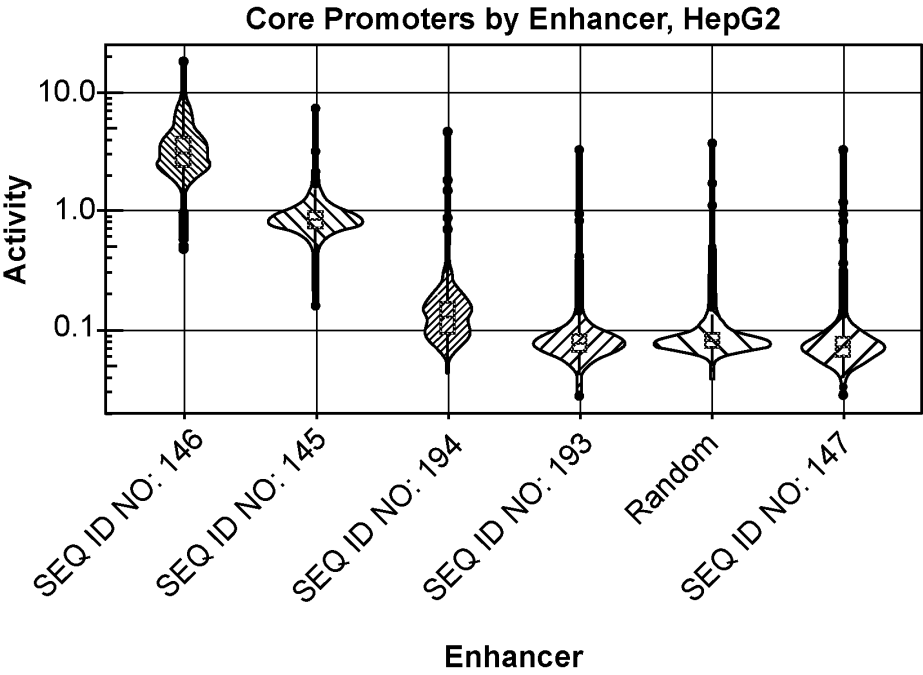


FIG. 22B

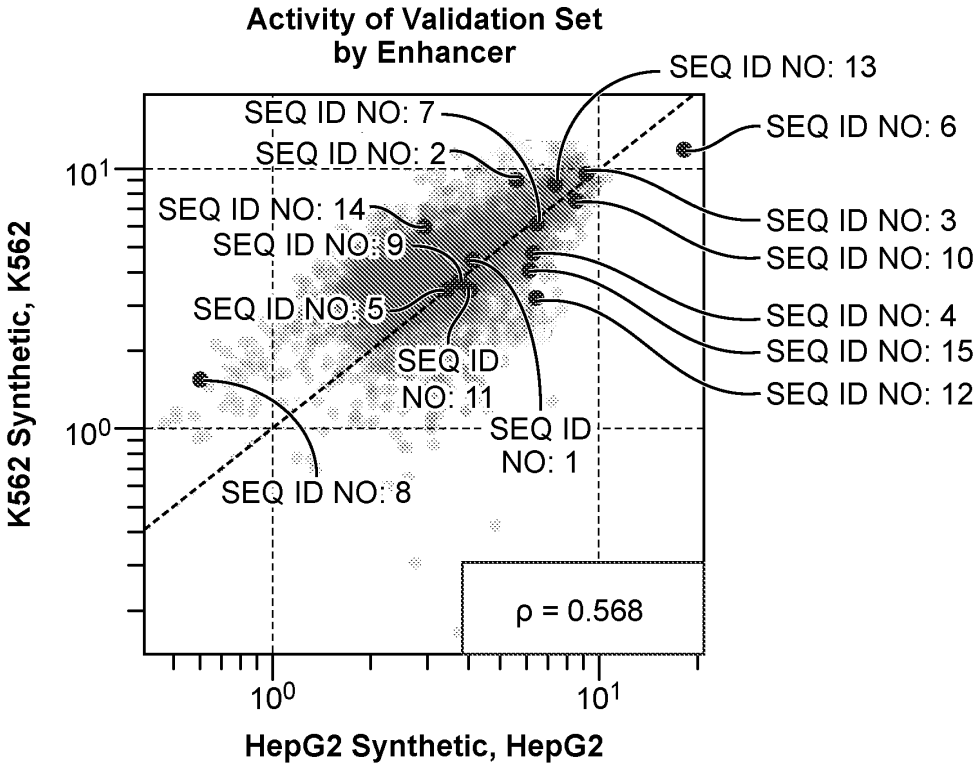


FIG. 23

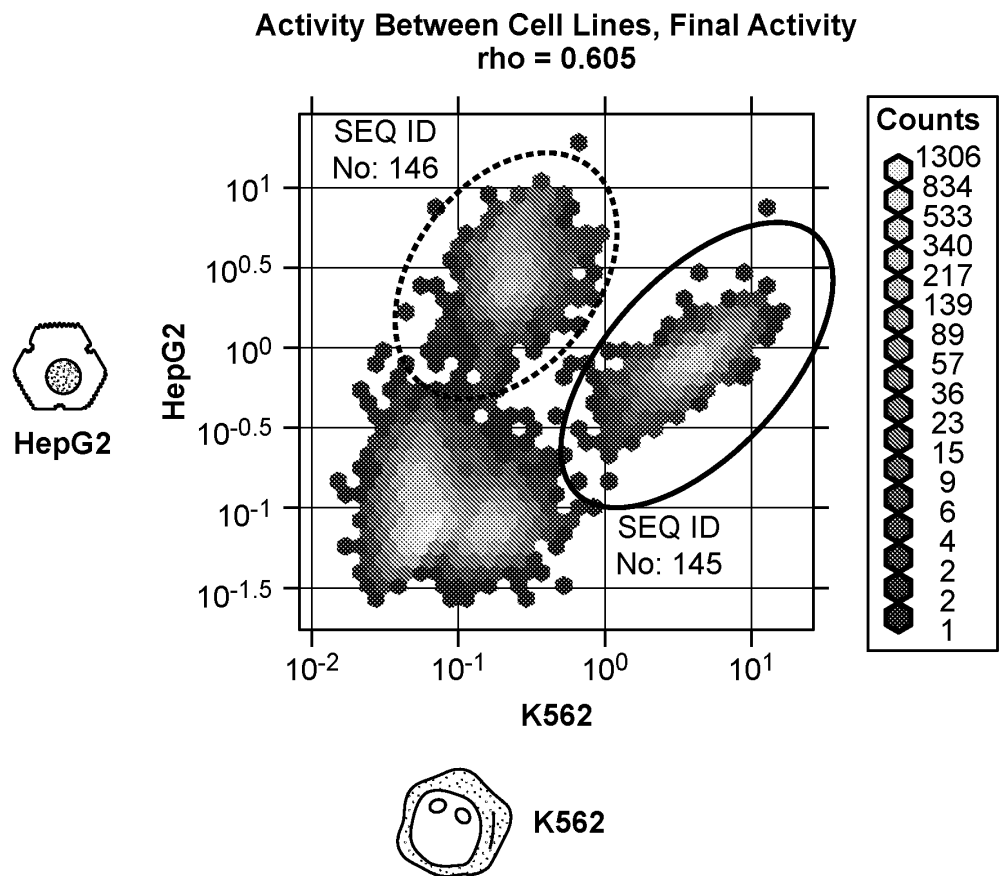


FIG. 24