

GeneDex

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OriGene's HuSH-29 shRNA constructs solve your problems with gene- expression knockdown

problem: My current experiments show incomplete or undetectable knockdown.

solution: 29 basepair targeting sequences like those in HuSH-29 are up to 100 times more potent than the conventional 21 mer shRNA or siRNA. Retroviral infection and puromycin selection can effectively produce up to 100% transfection efficiency, and continuous hairpin expression can outlast long-lived transcripts and proteins that turn over slowly.

problem: Repeating a knockdown experiment or performing library screening with siRNA can be expensive.

solution: Much less shRNA is required for effective knockdown, so your per experiment cost is lower when using HuSH-29. Targeting multiple transcripts of loci at once decreases the number of individual reagents needed, and a plasmid is degraded more slowly than an oligo, allowing for longer effect with single application. The HuSH-29 plasmid can be stably integrated into the host genome, allowing for stable cell line

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