CRISPR gRNA 1 of 3

|  |
| --- |
| RNA 5’ 🡪 3’  |
|  | 1 |  |  |  |  |  |  |  |  | 10 |  |  |  |  |  |  |  |  |  | 20 |
| 5’ PO4- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | N | N | N | N |
|  | gRNA “Target” or “Spacer” sequence (bp 1 – 16) | “Scaffold” 🡪 |

CRISPR gRNA 2 OF 3

|  |
| --- |
| RNA 5’ 🡪 3’  |
| 17 |  |  |  |  |  |  |  | 26 |  |  |  |  |  |  |  | 36 |
| N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| gRNA “Scaffold” 🡪 |

CRISPR gRNA 3 OF 3

|  |
| --- |
| RNA 5’ 🡪 3’  |
| 37 |  |  |  |  |  |  |  | 46 |  |  |  |  |  |  |  |  56 |
| N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | 3’ OH |
| gRNA “Scaffold” 🡪 |