



B

For 15 repeats assembly

	PpuMI	BsmAI	BsmAI	BsmAI	BsmAI	BsmAI	BsmAI	BsmAI	XhoI	SacI	
N-terminal dHax3 backbone	$\begin{array}{ c } \hline \text{GTC} \\ \hline \text{CAG} \\ \hline \end{array}$ F1	$\begin{array}{ c } \hline \text{TTCC} \\ \hline \text{AAGG} \\ \hline \end{array}$ F2	$\begin{array}{ c } \hline \text{CACC} \\ \hline \text{GTGG} \\ \hline \end{array}$ F3	$\begin{array}{ c } \hline \text{GTCC} \\ \hline \text{CAGG} \\ \hline \end{array}$ F4	$\begin{array}{ c } \hline \text{CCCT} \\ \hline \text{GGGA} \\ \hline \end{array}$ F5	$\begin{array}{ c } \hline \text{CACT} \\ \hline \text{GTGA} \\ \hline \end{array}$ F5.1	$\begin{array}{ c } \hline \text{CTCT} \\ \hline \text{GAGA} \\ \hline \end{array}$ F6.1	$\begin{array}{ c } \hline \text{TCGA} \\ \hline \text{AGCT} \\ \hline \end{array}$ F7		$\begin{array}{ c } \hline \text{AGCT} \\ \hline \text{TCGA} \\ \hline \end{array}$	C-terminal dHax3 backbone
Number of RVDs	1	2	2	2	2	2	2	2			
Length of each fragment (bp)	192	234	161	193	204	204	207	541			

Supplemental Figure 1