

SEQUENCE LISTING

<110> Shipman, Seth
The J. David Gladstone Institutes, a testamentary trust
Established under the Will of J. David Gladstone
President and Fellows of Harvard College

<120> MODIFIED BACTERIAL RETROELEMENT WITH ENHANCED DNA
PRODUCTION

<130> 3730.112W01

<150> US 62/899,625

<151> 2019-09-12

<160> 29

<170> FastSEQ for Windows Version 4.0

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<211> 86

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<220>

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acaaggaaaa cagacagtaa ctgaga 86

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<211> 69

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<223> A synthetic oligonucleotide

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ccugcauug 69

<210> 3

<211> 57

<212> DNA

<213> Artificial Sequence

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<400> 3

gtcagaaaaa acgggttgtc gccagtctga ctggcgacaa acagcttgta actcaga 57

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 <212> DNA
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<210> 7
 <211> 56
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<400> 7
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 <212> DNA
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caacaaggaa aacagacagt aactcaga	88

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caacaaggaa aacagacagt aactcag	87

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 <211> 83
 <212> DNA
 <213> Artificial Sequence

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gttccgcaac tgtaaatgta atc	83

<210> 11
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cgcaactgta aatgtaatc	79

<210> 12
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gagcatcgcc tgatgctctc cgagccaacc aggaaacccg ttttttctga cgtaagggtg 180
cgcatacgga atcttatca 199

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<220>
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acaaggaaaa cagacagtaa ctcaga 86

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<211> 140

<212> DNA

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<210> 19

<211> 140

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<400> 19

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ttctgacgta aggggtgcga	140

<210> 20

<211> 123

<212> DNA

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<400> 20

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 gagcatcgcc tgatgctctc cgagccaacc aggaaaccg ttttttctga cgtaagggtg 180
 cgcatacgga atcttatca 199

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<210> 23
 <211> 149
 <212> DNA
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 caaccaggaa acccgttttt tctgacgta 149

<210> 24
 <211> 147
 <212> DNA
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<220>
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<400> 24
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 ctctccgagc caaccaggaa acccgttttt tctgacgtaa gggtgcgca 169

<210> 27
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