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GENEDOM Edinburgh Genome Foundry

Part domestication report

The table below shows how the different parts have been domesticated. The small icons are unique identifiers for the sequences. If two sequences have the same icon, they are very probably the same !

Summary Table

Record	Order ID	Domesticator	Domesticated Record	Added bp	Edited bp
p1	p1	p1	p1	22	0
p12	p12	p12	p12	22	0
p13	p13	p13	p13	22	0
p14	p14	p14	p14	22	0
p15	p15	p15	p15	22	0
p16	p16	p16	p16	22	0
p17	p17	p17	p17	22	0
p18	p18	p18	p18	22	0
p2	p2	p2	p2	22	0
p22	p22	p22	p22	22	0
pCL	pCL	pCL	pCL	22	0
pSV	pSV	pSV	pSV	22	0
pWZ	pWZ	pWZ	pWZ	22	0

Domesticators

p1

Name: p1
Description: For slot p1 of the EMMA standard
Left addition: CGTCTCATAGG

Right addition: ATGGTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: TAGG
Right overhang: ATGG

p12

Name: p12
Description: For slot p12 of the EMMA standard
Left addition: CGTCTCACGTC
Right addition: TCACTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: CGTC
Right overhang: TCAC

p13

Name: p13
Description: For slot p13 of the EMMA standard
Left addition: CGTCTCATCAC
Right addition: CTACTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: TCAC
Right overhang: CTAC

p14

Name: p14
Description: For slot p14 of the EMMA standard
Left addition: CGTCTCACTAC
Right addition: GCAATGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: CTAC
Right overhang: GCAA

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p15

Name: p15
Description: For slot p15 of the EMMA standard
Left addition: CGTCTCAGCAA
Right addition: CCCTTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: GCAA
Right overhang: CCCT

p16

Name: p16
Description: For slot p16 of the EMMA standard
Left addition: CGTCTCACCCT
Right addition: GCTCTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: CCCT
Right overhang: GCTC

p17

Name: p17
Description: For slot p17 of the EMMA standard
Left addition: CGTCTCAGCTC
Right addition: CGGTTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: GCTC
Right overhang: CGGT

p18

Name: p18
Description: For slot p18 of the EMMA standard
Left addition: CGTCTCACGGT
Right addition: GTGCTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1

Seq('CGTCTC', DNAAlphabet()))
Left overhang: CGGT
Right overhang: GTGC

p2

Name: p2
Description: For slot p2 of the EMMA standard
Left addition: CGTCTCAATGG
Right addition: GACTTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: ATGG
Right overhang: GACT

p22

Name: p22
Description: For slot p22 of the EMMA standard
Left addition: CGTCTCAGTTG
Right addition: CGAATGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: GTTG
Right overhang: CGAA

pCL

Name: pCL
Description: pCL
Left addition: CGTCTCAGACT
Right addition: CGTCTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: GACT
Right overhang: CGTC

pSV

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Name: pSV
Description: pSV
Left addition: CGTCTCAGTGC
Right addition: GTTGTGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: GTGC
Right overhang: GTTG

pWZ

Name: pWZ
Description: pWZ
Left addition: CGTCTCACGAA
Right addition: ACGATGAGACG
Enzyme: BsmBI (ID: Name: Description: Number of features: 1
Seq('CGTCTC', DNAAlphabet()))
Left overhang: CGAA
Right overhang: ACGA

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