pGB-dummy-01-02 LMBP 11997

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-01-02
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-01;02.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAACCTGGCTGAGTAGGCAAGATGTTCTGAACATGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 01 ****: BsaI overhang 02
Sequence file:	p11997.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-02-03 LMBP 11998

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-02-03
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-02;03.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAACAGGCTGAGTAGGCAAGATGTTCTGGGCTTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 02 ****: BsaI overhang 03
Sequence file:	p11998.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-03-04 LMBP 11999

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-03-04
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-03;04.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGCTGGCTGAGTAGGCAAGATGTTCTGTCAGTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 03 ****: BsaI overhang 04
Sequence file:	p11999.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-04-05 LMBP 12000

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-04-05
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-04;05.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCAGGGCTGAGTAGGCAAGATGTTCTGCTGCTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 04 ****: BsaI overhang 05
Sequence file:	p12000.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-05-06 LMBP 12001

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-05-06
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-05;06.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACTGCGGCTGAGTAGGCAAGATGTTCTGACTATGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 05 ****: BsaI overhang 06
Sequence file:	p12001.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-06-07 LMBP 12002

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-06-07
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-06;07.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAACTAGGCTGAGTAGGCAAGATGTTCTGCCTGTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 06 ****: BsaI overhang 07
Sequence file:	p12002.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-07-08 LMBP 12003

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-07-08
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-07;08.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACCTGGGCTGAGTAGGCAAGATGTTCTGCGGATGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 07 ****: BsaI overhang 08
Sequence file:	p12003.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-08-09 LMBP 12004

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-08-09
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-08;09.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACGGAGGCTGAGTAGGCAAGATGTTCTGGGTATGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 08 ****: BsaI overhang 09
Sequence file:	p12004.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-09-10 LMBP 12005

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-09-10
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-09;10.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGTAGGCTGAGTAGGCAAGATGTTCTGAAGCTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 09 ****: BsaI overhang 10
Sequence file:	p12005.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-10-11 LMBP 12006

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-10-11
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-10;11.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAAGCGGCTGAGTAGGCAAGATGTTCTGAGAATGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 10 ****: BsaI overhang 11
Sequence file:	p12006.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-11-12 LMBP 12007

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-11-12
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-11;12.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAGAAGGCTGAGTAGGCAAGATGTTCTGGTTGTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 11 ****: BsaI overhang 12
Sequence file:	p12007.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-12-13 LMBP 12008

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-12-13
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-12;13.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGTTGGGCTGAGTAGGCAAGATGTTCTGATGGTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 12 ****: BsaI overhang 13
Sequence file:	p12008.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-13-14 LMBP 12009

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-13-14
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-13;14.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAATGGGGCTGAGTAGGCAAGATGTTCTGTCTCTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 13 ****: BsaI overhang 14
Sequence file:	p12009.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-14-15 LMBP 12010

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-14-15
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-14;15.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCTCGGCTGAGTAGGCAAGATGTTCTGCACTTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 14 ****: BsaI overhang 15
Sequence file:	p12010.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-15-16 LMBP 12011

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-15-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-15;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACACTGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 15 ****: BsaI overhang 16
Sequence file:	p12011.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-03-16 LMBP 12012

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-03-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-03;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGCTGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 03 ****: BsaI overhang 16
Sequence file:	p12012.gb
Latest seqence update:	07/01/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-04-16 LMBP 12013

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-04-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-04;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCAGGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 04 ****: BsaI overhang 16
Sequence file:	p12013.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-05-16 LMBP 12014

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-05-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-05;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACTGCGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 05 ****: BsaI overhang 16
Sequence file:	p12014.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-06-16 LMBP 12015

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-06-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-06;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAACTAGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 06 ****: BsaI overhang 16
Sequence file:	p12015.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-07-16 LMBP 12016

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-07-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-07;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACCTGGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 07 ****: BsaI overhang 16
Sequence file:	p12016.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-08-16 LMBP 12017

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-08-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-08;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACGGAGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 08 ****: BsaI overhang 16
Sequence file:	p12017.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-09-16 LMBP 12018

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-09-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-09;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGTAGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 09 ****: BsaI overhang 16
Sequence file:	p12018.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-10-16 LMBP 12019

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-10-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-10;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAAGCGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 10 ****: BsaI overhang 16
Sequence file:	p12019.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-11-16 LMBP 12020

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-11-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-11;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAGAAGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 11 ****: BsaI overhang 16
Sequence file:	p12020.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-12-16 LMBP 12021

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-12-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-12;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGTTGGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 12 ****: BsaI overhang 16
Sequence file:	p12021.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-13-16 LMBP 12022

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-13-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-13;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAATGGGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 13 ****: BsaI overhang 16
Sequence file:	p12022.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-dummy-14-16 LMBP 12023

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12 DH5aT1R
Host reference:	-
Helper plasmid:	-
Cultivation medium:	LB-Lennox + ampicillin (100 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-dummy-14-16
Plasmid type:	Recombinant plasmid
Cloned DNA:	GoldenBac stuffer fragment
Promoter:	Escherichia coli lac operon promoter Phage SP6 promoter Phage T7 gene 10 promoter (T7g10)
RBS:	-
Terminator:	-
Selection marker:	Ampicillin (amp)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli Insect cells
Parental clone:	pGG
Further information:	The plasmid was constructed by cloning a stuffer fragment with variable flanking ends into the BsaI-opened pGG vector. This pGG vector is based on pUC19 that was adapted by Lampropoulos et al. for the GreenGate assembly system. The plasmid is intended to encompass unused positions in co-expression assemblies of the GoldenBac system. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). Other name of the plasmid is pGB-dummy-14;16.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: DraI/PvuII, EcoRI/NdeI and HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: downstream of the pMB1 ori to the 5' end of the ampicillin resistance gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCTCGGCTGAGTAGGCAAGATGTTCTGGTATTGAGACC BsaI ^^^^<-- dummy sequence --->**** BsaI ^^^^: BsaI overhang 14 ****: BsaI overhang 16
Sequence file:	p12023.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGBdest-ccdB LMBP 12024

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + kanamycin (50 µg/ml) + chloramphenicol (34 µg/ml)* + gentamycin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	*: selection of transformants on chloramphenicol; subsequent cultivation of a single colony in liquid medium with kanamycin and gentamycin.

Plasmid Description

Plasmid name:	pGBdest-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac destination module
Promoter:	Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	-
Selection marker:	Chloramphenicol (cam) Gentamicin (Gm) Neomycin (neo; kanamycin (kan))
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGBdest
Further information:	The parental plasmid pGBdest is based on the pKL vector from the MultiBac system. This plasmid is a destination vector for the assembly of expression cassettes for co-expression of up to 15 recombinant genes using a Bac-to-Bac baculoviral expression system (GoldenBac). GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGBdest_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglI/BglII, EcoRV and HincII/HindIII. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the 3' end of the chloramphenicol resistance gene and from 5' end of the chloramphenicol resistance gene to halfway the Tn903 neomycin resistance gene. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI destination cassette: ACCTTGAGACC...<- LacZ alpha --...<- ccdB --...<- CamR --...GGTCTCAGTAT ^^^^ BsaI BsaI **** ^^^^: BsaI overhang 01 ****: BsaI overhang 16
Sequence file:	p12024.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-01-02-ccdB LMBP 12025

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-01-02-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-01;02_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: AgeI/BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAACCT...-- pPH ->....-- SV40 polyA ->...AACATGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 01 ****: BsaI overhang 02
Sequence file:	p12025.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]

Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-02-03-ccdB LMBP 12026

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-02-03-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-02;03_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: AgeI/BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the 5' end of the ccdB gene. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAACA...-- pPH ->....-- SV40 polyA ->...GGCTTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 02 ****: BsaI overhang 03
Sequence file:	p12026.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]

Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-03-04-ccdB LMBP 12027

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-03-04-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-03;04_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: AgeI/BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence. This plasmid has also been fully sequenced.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGCT...-- pPH ->....-- SV40 polyA ->...TCAGTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 03 ****: BsaI overhang 04
Sequence file:	p12027.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]

Other collection no:	-
History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-04-05-ccdB LMBP 12028

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-04-05-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-04;05_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: AgeI/BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCAG...-- pPH ->....-- SV40 polyA ->...CTGCTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 04 ****: BsaI overhang 05
Sequence file:	p12028.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-05-06-ccdB LMBP 12029

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-05-06-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-05;06_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: AgeI/BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACTGC...-- pPH ->....-- SV40 polyA ->...ACTATGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 05 ****: BsaI overhang 06
Sequence file:	p12029.gb
Latest seqence update:	30/07/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-06-07-ccdB LMBP 12030

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-06-07-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-06;07_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the ccdB gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAACTA...-- pPH ->....-- SV40 polyA ->...CCTGTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 06 ****: BsaI overhang 07
Sequence file:	p12030.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-07-08-ccdB LMBP 12031

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-07-08-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-07;08_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACCTG...-- pPH ->....-- SV40 polyA ->...CGGATGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 07 ****: BsaI overhang 08
Sequence file:	p12031.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-08-09-ccdB LMBP 12032

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-08-09-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-08;09_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the 5' end of the ccdB gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACGGA...-- pPH ->....-- SV40 polyA ->...GGTATGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 08 ****: BsaI overhang 09
Sequence file:	p12032.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-09-10-ccdB LMBP 12033

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-09-10-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-09;10_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGGTA...-- pPH ->....-- SV40 polyA ->...AAGCTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 09 ****: BsaI overhang 10
Sequence file:	p12033.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-10-11-ccdB LMBP 12034

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-10-11-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-10;11_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAAGC...-- pPH ->....-- SV40 polyA ->...AGAAGGCTTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 10 ****: BsaI overhang 11
Sequence file:	p12034.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-11-12-ccdB LMBP 12035

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-11-12-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-11;12_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the 5' end of the ccdB gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAAGAA...-- pPH ->....-- SV40 polyA ->...GTTGTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 11 ****: BsaI overhang 12
Sequence file:	p12035.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-12-13-ccdB LMBP 12036

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-12-13-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-12;13_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the 5' end of the ccdB gene.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAGTTG...-- pPH ->....-- SV40 polyA ->...ATGGTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 12 ****: BsaI overhang 13
Sequence file:	p12036.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-13-14-ccdB LMBP 12037

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-13-14-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-13;14_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCAATGG...-- pPH ->....-- SV40 polyA ->...TCTCTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 13 ****: BsaI overhang 14
Sequence file:	p12037.gb
Latest seqence update:	04/12/2020
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-14-15-ccdB LMBP 12038

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-14-15-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-14;15_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCATCTC...-- pPH ->....-- SV40 polyA ->...CACTTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 14 ****: BsaI overhang 15
Sequence file:	p12038.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA

pGB-15-16-ccdB LMBP 12039

These validated data are a snapshot at a given moment, further updates are always possible.

Host/Plasmid information

Host for distribution:	Escherichia coli K12xB DB3.1
Host reference:	-
Related host reference:	Bernard et al., J. Mol. Biol. 226 (1992), 735-745 [PMID: 1324324]
Helper plasmid:	-
Cultivation medium:	LB-Lennox + gentamicin (12,5 µg/ml)
Cultivation temperature:	37°C
Biosafety level:	L1
Cultivation remarks:	-

Plasmid Description

Plasmid name:	pGB-15-16-ccdB
Plasmid type:	Recombinant plasmid
Cloned DNA:	B gene of the control of cell death locus of the Escherichia coli F plasmid (ccdB, lethal gene) GoldenBac entry module Histidine tag (His-tag) Human rhinovirus 3C protease cleavage site (PreScission site, PRS) Strep-tag III (Twin-Strep-tag)
Promoter:	Autographa californica nuclear polyhedrosis virus (AcNPV) polyhedrin promoter (PH) Escherichia coli class 1 integron integrase promoter (intI1) Escherichia coli plasmid R388 class 1 integron Pc promoter (PcS)
RBS:	-
Terminator:	Simian virus 40 polyadenylation signal (SV40 polyA)
Selection marker:	Gentamicin (Gm)
Replicon:	Escherichia coli plasmid pMB1 origin
Host range:	Escherichia coli; use a ccdB-resistant strain for propagation Insect cells
Parental clone:	pGB
Further information:	The plasmid was constructed by cloning a cassette consisting of BsaI-pAcNPV-PH-Strep-Prescission-ccdB-His-SV40-BsaI into the pGB vector. This pGB vector is based on pACEBac1 from the MultiBac system. This plasmid is an entry cloning vector for single gene expression of recombinant proteins in insect cells using a Bac-to-Bac baculoviral expression system (GoldenBac). With 16 different overhangs, the system allows for co-expression of up to 15 genes after assembly into a destination vector. GoldenBac is a modular cloning system designed for insect cells which makes use of a single type IIS restriction endonuclease (BsaI). The BsaI cassette is flanked by Tn7 transposon sequences. Other name of the plasmid is pGB-15;16_ccdB.
Authenticity:	Restriction enzyme pattern analysed at GeneCorner: BglII, NcoI and NotI/SpeI. The region of the GoldenBac cassette was sequenced at GeneCorner: from the 5' end of the gentamycin resistance gene to the Tn7 recombination sequence.
Sequence detail:	Nucleotide sequence of the BsaI cassette: GGTCTCACACT...-- pPH ->....-- SV40 polyA ->...GTATTGAGACC BsaI ^^^^ **** BsaI ^^^^: BsaI overhang 15 ****: BsaI overhang 16
Sequence file:	p12039.gb
Latest seqence update:	16/02/2021
Plasmid reference:	Neuhold et al., BMC Biotechnol. 20 (2020), 26 [PMID: 32398045; DOI: 10.1186/s12896-020-00616-z]
Rel. plasmid reference:	Lampropoulos et al., PLoS ONE 8 (2013), e83043 [PMID: 24376629; DOI: 10.1371/journal.pone.0083043]
Other collection no:	-

History of deposit:	This plasmid was deposited by Dr D. Soroldoni(1). It was constructed by Dr J. Neuhold(1). (1) Vienna Biocenter Core Facilities GmbH, Vienna, Austria
Restricted distribution:	- BCCM MTA