BBI ID (OFFICE USE ONLY)	UA28-1-v2
Customer ID	TDNA_MCS
Size	122
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>

gagctccccgggggatcccaattgtgccacctgacgtctaagaagaattcgcggccgcttctagatactagtagcggccgctgcaggct
cactcaaaggcggccatgggggtgacctgttaac

BBI ID (OFFICE USE ONLY)	UA28-2-v2
Customer ID	LacI_ERE
Size	93
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>

gaattcgcggccgcttctagatggtgcaaaacctttcgcggtatggcatgatagcgccaggtcagagtgacctactagtagcggccgctg
cag

BBI ID (OFFICE USE ONLY)	UA28-3-v2
Customer ID	RBS_6XHis
Size	97
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>

gaattcgcggccgcttctagagaaagaggagaaatactagatggccggccatcaccatcaccatcacaccggttaatactagtagcgg
ccgctgcag

BBI ID (OFFICE USE ONLY)	UA28-4-v2
Customer ID	TetR_RBS_6XHis
Size	151
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>

gaattcgcggccgcttctagagtccctatcagtgatagagattgacatccctatcagtgatagagatactgagcacaaagaggagaaat

actagatggccggccatcaccatcaccatcacaccggttaatactagtagcggccgctgcag

BBI ID (OFFICE USE ONLY)	UA28-5-v2
Customer ID	BisDA
Size	371
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>BisDA

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GTGTGGAGGCGATGTGTGGCGGTTGCTGTTCTTGCGCGACTTGCCACGTCTACATTGACGC
GGCTCCAGCCGGTACCCTGCCGCCGGTGTCTAGCGATGAAGAAATGCTGCTGTCCGGCCTG
GTTTCTACCCCGGGCCGCTCTCGTCTGTCTTGCCAGATCCCGGTAACCGCAGAACTGGACG
GCCTGAAACTGACCATCCCGCCGGATAGCACCGGCTAA **tactagtagcggccgctgcag**

BBI ID (OFFICE USE ONLY)	UA28-6-v2
Customer ID	BisDB
Size	1325
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>BisDB_revised

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CAGCCCCGGAATACGCTTGTAACCGCGAAAAATATGCAGCGCGTGCGCTGCGCGATTACCCGC
TGCACTTTTATAAACCGCTGAACCTGTGGATTGTCTCCAAACATAAAGACGTTCGTAGCGCGC
TGTTCACCCCGCAGGTCTTCAGCTCCGTA GCTTTTGGTCTGCTGCCTCCACCAGACGATATC
GCTCCTCGCGTGCCGGACCTGTACACCGACGTTCATCTGCCGTCCATGGATCCGCCGGAGC
ACACCAAACTGCGTGTTCCGGTGCAGCAGGCTCTGCTGCCGGGCCGTCTGGTAGGCAAAG
ACGAGGTTGTGCGCCGTATTGCGAACGAACTGATCGATACTTTTATCGACAAAGGCGAATGC
GATCTGCTGCATGATTTCTCTTATAAGCTGGCGCTGTACCTGATTGTAGACCTGCTGGGTATC
CCTAAAGAACGTGCGGAGGACTACCACCGCTGGTCCAACTGTTTCTTCCAGCTGTTCACGCC
GAAGGTTCCTGAACGTGCGGATGCTCGTTTCTTTGTACCGATGCCGGAGGAAGTGCTGCGC
CAGAACTGGGAAGGTCTGGCCGAAGCAAATGACTATCTGCGTGAAGTTGTTGAAAACCTGGA
CCGTAATCCGGGCAACAACATGCTGTCTAACCTGCTGCAACTGCGTGAACCGGATGGCTCTC
GTACTATCACTATCTCCGCGAACGTTTGCAACGCCCTGGAATTTGGCGCGGCGGGTCACGAT
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CACTCTGACCGAAGATCCATCTCTGATTCCGGCAGCCATCTCTGAAACCCTGCGTCGTCGTT
GCCCGGTTGACGGTCTGTTCCGCCGCACCCTGAGCGACGTAGAACTGTGCGGTCAGAAGAT
CGAATCCGGTTCTATCGTGTACCTGGACCTGACCGCCGCTAACCTGGATCCGGACGTTTTCC
CGGAGCCGGAGACTTTCCGTCTGAACCGCGATAACATTAAAGAAATGGTGTCTTTCGGCTTC

GGTCGTCACGTCTGTGCAGGTCAGTACCTGAGCCGCATCGAAGCTAAAGCAGCATACGAAG
AACTGATGCGTCGTATTCCTAATATGCGTCTGGCAGATGGCTTCAAACTGGAGTACATGCCGA
GCGTGGCCACCACTGTTCTGAAAGGCCTGCCGCTGGTTTGGGATAAAAACACGGGCTAA**tact
agtagcggccgctgcag**

BBI ID	UA28-7-v2
Customer ID	ER01
Size	1012
Vector	pUC57
Cloning Sites	Default
Memo	4ug

>ER01

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GACCAGATGGTATCCGCACTGCTGGACGCAGAACCGCCGATTCTGTACAGCGAGTACGACC
CAACGCGCCCGTTTAGCGAGGCAAGCATGATGGGTCTGCTGACCAACCTGGCTGATCGTGA
ACTGGTCCATATGATCAACTGGGCGAAACGCGTTCCGGGTTTCGTAGACCTGACTCTGCACG
ACCAGGTCCACCTGCTGGAATGTGCATGGCTGGAGATCCTGATGATCGGCCTGGTTTGGCG
TTCCATGGAACACCCGGGTAAGCTGCTGTTTGCCCCGAACCTGCTGCTGGACCGTAACCAG
GGTAAATGCGTGGAAGGCATGGTTGAAATTTTCGATATGCTGCTGGCCACCTCTAGCCGTTTC
CGCATGATGAACCTGCAAGGTGAAGAGTTCGTGTGCCTGAAATCCATCATTCTGCTGAACTC
CGGCGTGTATACGTTCCTGAGCTCTACCCTGAAATCTCTGGAGGAAAAAGATCACATCCACC
GTGTGCTGGACAAAATCACTGATACCCTGATTCACCTGATGGCAAAAGCTGGCCTGACCCTG
CAACAGCAGCACCAGCGTCTGGCGCAGCTGCTGCTGATCCTGTCTCACATCCGCCACATGA
GCAATAAGGGTATGGAACATCTGTACTCTATGAAATGTAAAAACGTTGTTCCGCTGTACGATCT
GCTGCTGGAAATG CTGGACGCCCACCGTCTGCATGCGCCGACCAGCCGTGGCGGTGCTTC
CGTTGAAGAAACTGATCAGTCTCATCTGGCGACCGCTGGCTCCACCTCTTCCCACTCTCTGC
AAAAATATTACATTACTGGTGAAGCGGAAGGCTTCCCGGCGACCGTAACTGGCTAA**tactagtag
cggccgctgcag**

BBI ID	UA28-8-v2
Customer ID	ER02
Size	919
Vector	pUC57
Cloning Sites	Default
Memo	4ug

ER02

gaattcgcggccgcttctagagaaagaggagaaatactagATGGCGGGTATGACTCTGCACACTAAAGCAT
CTGGCATGGCGCTGCTGCATCAGATCCAGGGCAACGAACTGGAGCCGCTGAATCGCCCGCA
GCTGAAGATCCCACTGGAACGTCCGCTGGGCGAGGTCTACCTGGATTCCAGCAAGCCAGCT

GTATATAACTATCCGGAAGGTGCAGCGTACGAATTTAACGCTGCGGCTGCGGCCAACGCCCA
AGTTTACGGCCAAACTGGTCTGCCGTATGGCCCTGGTAGCGAAGCAGCCGCTTTCGGTAGC
AACGGCCTGGGTGGTTTTCCGCCTCTGAACTCTGTATCTCCGTCCCCGCTGATGCTGCTGCA
CCCTCCGCCGCAGCTGTCTCCGTTCCTGCAACCGCACGGCCAGCAGGTGCCGTACTACCTG
GAAAACGAACCGTCCGGTTACACCGTGCGTGAGGCTGGTCCACCGGCGTTCTATCGTCCGA
ATAGCGACAACCGTCGCCAGGGCGGTCGTGAACGCCTGGCTTCCACCAACGACAAAGGCTC
TATGGCTATGGAATCTGCGAAAGAAACCCGTTACTGTGCAGTGTGTAACGACTATGCATCCGG
TTACCATTACGGCGTTTGGAGCTGTGAGGGCTGCAAAGCGTTCTTCAAGCGCTCCATTCAGG
GTCACAACGATTACATGTGCCCGGCCACCAATCAGTGCACGATCGACAAAAACCGTCGTAAA
TCCTGCCAGGCATGTCGTCTGCGTAAATGCTATGAAGTTGGCATGATGAAAGGTGGTATTCGT
AAAGATCGCCGCGGTGGCCGTATGCTGAAACACAAACGTCAGCGCGATGACGGTGAAGGTC
GTGGTGAAGTTGGTTCTACCGGCTAA**tactagtagcggccgctgcag**

Custom Gene Synthesis Terms & Conditions

1. **Terms**

    Bio Basic Inc. will deliver to customer 4.0ug plasmid DNA containing gene of interest. Plasmid DNA will be in pUC vector and provided in lyophilized powder form. Along with the final gene product, Bio Basic Inc. will provide chromatogram sequencing results, gene report, alignment file, complete nucleotide sequence of the plasmid (cloning vector) including the sequence of the gene insert, and restriction digestion analysis results. All these documents will be copied on a CD sent along with the final product. Upon request, customer may also receive these documents electronically.

    No gene synthesis is initiated without a PO number or credit card number. Bio Basic Inc. accepts credit card (Visa or MasterCard), cheque or wire in payment. Payment term is net 30 days. For large project, a 25% deposit is required to initiate of the project. Deposit of 25% is fully refundable (See Section 3, Section 5 and Section 6).

2. **Turnaround**

    Bio Basic Inc. will make its best effort to ship genes with a sequence length less than or equal to one thousand base pairs (1000bp), within ten (10) business days of receipt of an order. Bio Basic Inc. will make its best effort to ship genes with a sequence length between one thousand base pairs (1000bp) to two thousand base pairs (2000bp), within fifteen (15) business days of receipt of an order. For genes with a sequence length greater than two thousand base pairs (2000bp), Bio Basic Inc. will provide customer with an estimate of the completion date before manufacture of the gene.

3. **High GC Content Genes and Highly Repetitive Genes**

In case of genes with high GC content (including regional high GC content genes), as well as highly repetitive genes, Bio Basic Inc. reserves the right to deliver genes within a more reasonable time frame. The new time frame will be consulted with customer prior to start of gene synthesis. Bio Basic Inc. may also refuse to fill any order by notifying customer orally or by written notice if the order is technically difficult to accomplish.

4.   **Custom Cloning Vehicle**

Bio Basic Inc. will charge an extra USD $200 dollars to subclone the genes of interest into customer's desired cloning vehicle.

Customer must provide detailed sequence information pertaining customer vector. Any incorrect or false information provided by customer may lead to significant delay of the project. In this case, Bio Basic Inc. is not responsible for the delay or any consequences caused by the delay.

If subcloning fails due to circumstances beyond control, Bio Basic Inc. will deliver the final gene product in pUC57. $200 subcloning fee will NOT be charged to customer due to incompletion of subcloning process.

5.   **Genes with Expression Toxicity**

In the event that a designed DNA fragment is toxic to the E.coli host in which it is grown, Bio Basic Inc. reserves the right to provide 20ug of sequence-verified PCR fragment in place of plasmid DNA. Customer agrees to pay the full invoice amount.

6.   **Genes that Fail To Be Synthesized in Full Length in Standard Vector**

Bio Basic Inc. makes best effort to synthesize full length gene in our standard vector pUC57. Should Bio Basic Inc. be unsuccessful in generating the full-length sequence (due to sequence instability, toxicity, GC rich areas, repeats, etc.), client is not obligated to make ANY payment to Bio Basic Inc. Should client be willing to receive sequence-verified fragments, Bio Basic Inc. reserves the right to ask a proportion of the original price (up to 50%) to cover labour and material cost.

7.   **Cancellations**

For any genes, customer may cancel the order after reaching an agreement with Bio Basic Inc.. IF

6.1.   Bio Basic Inc. has received the order, but has not initiated the project, customer is entitled to cancellation of the order without any penalty. IF

6.2.   Bio Basic Inc. has prompted oligo synthesis, but not cloning and/or thereafter, customer may cancel the order, however, customer is obliged to pay 25% of the original price to cover labour and material cost. IF

6.3   Bio Basic Inc. has prompted oligo synthesis, and has started cloning and/or thereafter, customer

may cancel the order, however, after agreement with Bio Basic Inc.. Customer is obliged to pay
penalty cost, depending on the stage or status of the project. IF

6.4   Bio Basic Inc. has obtained the correct sequence within specified time frame, customer may cancel the order, however, with full amount paid to Bio Basic Inc..

7.   Inspection Policy

Upon receipt of shipped goods, customer shall inspect the shipment promptly for damages, shortages and correct identity of product. Any product that is not identical to the requested sequence will be replaced or authorized for return and credit, at our option. Any claims must be submitted within 3 months of shipment.

8.   Warranty

Bio Basic Inc. guarantees 100% accuracy and match of genes requested. Any claims must be submitted within 3 months of shipment. At the time of shipment, Bio Basic Inc. keeps a single copy of the gene for unexpected incidents and/or disputes. After 3 months, this copy of the gene will be destroyed permanently. Bio Basic Inc. reserves the right to refuse handling disputes after period of 3 months.