

Sequencing files

All constructs were sequenced with official VF2 primer

pSB1C3 with J23101 + I13504

Colony 1:

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CAGATAAAAAAATCCTTAGCTTTCGCTAAGGATGATTTCTGGAATTCGCGGCCGCT
TCTAGAGTTTACAGCTAGCTCAGTCCTAGGTATTATGCTAGCTACTAGAGAAAGAGG
AGAAATACTAGATGCGTAAAGGAGAAGAAGTTTCACTGGAGTTGTCCCAATCCTTG
TTGAATTAGATGGTGATGTTAATGGGCACAAATTTCTGTCAGTGGAGAGGGTGAAG
GTGATGCAACATACGGAAAACCTACCCTTAAATTTATTTGCACTACTGGAAAACCTAC
CTGTTCCATGGCCAACACTTGTCACTACTTTCGGTTATGGTGTTCAATGCTTTGCGAG
ATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGTGCCATGCCCGAAGGTTA
TGTACAGGAAAGAACTATATTTTTCAAAGATGACGGGAACTACAAGACACGTGCTGA
AGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAGTTAAAAGGTATTGATTT
TAAAGAAGATGGAAACATTCTTGGACACAAATTGGAATACAACATAACTCACACAA
TGTATACATCATGGCAGACAAACAAAAGAATGGAATCAAAGTTAACTTCAAAAATTAG
ACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCATTATCAACAAAATACTCC
AATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCTGTCCACACAATCTGCC
CTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCCTTCTTGAGTTTGTAACA
GCTGCTGGGATTACACATGGCATGGATGAACTATACAAATAATAATACTAGAGCCAG
GCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTG
TTTGTGCGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGGGTGGGCCTTTC
TGCGTTTATACTAGTAGCGGCCGCTGCAGTCCGGCAAAAAAGGGCAAGGTGTCAC
CACCTGCCCTTTTTCTTTAAAACCGAAAAGATTACTTCGCGTTWTGCAGGCTTCCT
CGSTCACTGACTCGCTGCGCTCGGTCGTTTCGGCTGCG
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Colony 2:

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GAATTTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGATGATTTCTGGAATTCGCG
GCCGCTTCTAGAGTTTACAGCTAGCTCAGTCCTAGGTATTATGCTAGCTACTAGAGA
AAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAAGTTTCACTGGAGTTGTCCCAA
TTCTTGTTGAATTAGATGGTGATGTTAATGGGCACAAATTTTCTGTCAGTGGAGAGG
GTGAAGGTGATGCAACATACGGAAAACCTACCCTTAAATTTATTTGCACTACTGGAA
AACTACCTGTTCCATGGCCAACACTTGTCACTACTTTCGGTTATGGTGTTCAATGCTT
TGCGAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGTGCCATGCCCGA
AGTTTATGTACAGGAAAGAACTATATTTTTCAAAGATGACGGGAACTACAAGACAG
TGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAGTTAAAAGGTAT
TGATTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGGAATACAACATAACTC
ACACAATGTATACATCATGGCAGACAAACAAAAGAATGGAATCAAAGTTAACTTCAA
AATTAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCATTATCAACAAA
TACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCTGTCCACACAA
TCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCCTTCTTGAGTTT
GTAACAGCTGCTGGGATTACACATGGCATGGATGAACTATACAAATAATAATACTAG
AGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTAT
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CTGTTKGT TTTGTCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGGGTGG
GCCTTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGGCAAAAAGGGCAAG
GTGTCACCACCCTGCCCTTTTTCTTTAAAACCGAAAA

Colony 3:

TATCACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTTCGCTAAGGATGATTT
CTGGAATTCGCGGCCGCTTCTAGAGTTTACAGCTAGCTCAGTCCTAGGTATTATGCTA
GCTACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAACTTTTCACTGG
AGTTGTCCCAATTCCTGTTGAATTAGATGGTGATGTTAATGGGCACAAATTTTCTGT
CAGTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTTATTTG
CACTACTGAAAACTACCTGTTCCATGGCCAACACTTGTCACTACTTTTCGGTTATGGT
GTTCAATGCTTTTGCAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGT
GCCATGCCCGAAGGTTATGTACAGGAAAGAACTATATTTTTCAAAGATGACGGGAAC
TACAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAG
TTAAAAGGTATTGATTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGGAATAC
AACTATAACTCACACAATGTATACATCATGGCAGACAAACAAAAGAATGGAATCAAA
GTTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCAT
TATCAACAAAATACTCCAATTGGCGATGGCCCTGTCTTTTACCAGACAACCATTACC
TGTCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCC
TTCTTGAGTTTGTAAACAGCTGCTGGGATTACACATGGCATGGATGAACTATACAAAT
AATAACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCC
TTTCGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCAC
CTTCGGGTGGGCCTTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGGCAAAA
AAGGGCAAGGTGTCACCACCCTGCCCTTTTTCTTTAAAACCGAAAAGATTACTTCGCG
TTATGCAGGCTTCCCTCGCTCACTGACTCGCTGCGCTCGGTTCGGCTGCGGCGAGC
GGTATCAGCTCMCTCAAAGGCGG

pSB1C3 with J23106 +I13504

Colony 1:

ACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTTCGCTAAGGATGATTTCTGG
AATTCGCGGCCGCTTCTAGAGTTTACGGCTAGCTCAGTCCTAGGTATAGTGCTAGCT
ACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAACTTTTCACTGGAG
TTGTCCCAATTCCTGTTGAATTAGATGGTGATGTTAATGGGCACAAATTTTCTGTCA
GTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTTATTTGCA
CTACTGAAAACTACCTGTTCCATGGCCAACACTTGTCACTACTTTTCGGTTATGGTGT
TCAATGCTTTTGCAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGTGC
CATGCCCGAAGGTTATGTACAGGAAAGAACTATATTTTTCAAAGATGACGGGAAC
CAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAGTT
AAAAGGTATTGATTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGGAATACA
ACTATAACTCACACAATGTATACATCATGGCAGACAAACAAAAGAATGGAATCAAAG
TTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCAT
ATCAACAAAATACTCCAATTGGCGATGGCCCTGTCTTTTACCAGACAACCATTACCT
GTCCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCT
TCTTGAGTTTGTAAACAGCTGCTGGGATTACACATGGCATGGATGAACTATACAAATA
ATAATACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCT
TTCGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCAC

TTCGGGTGGGCCTTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGGCAAAA
AAGGGCAAGGTGTCACCACCCTGCCCTTTTTCTTTAAAACCGAAAAGATTAC

Colony 2:

TTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGATGATTTCTGGAATTCGCGGCC
GCTTCTAGAGTTTACGGCTAGCTCAGTCCTAGGTATAGTGCTAGCTACTAGAGAAAG
AGGAGAAATACTAGATGCGTAAAGGAGAAGAAGCTTTTCACTGGAGTTGTCCCAATTC
TTGTTGAATTAGATGGTGATGTTAATGGGCACAAATTTTCTGTCAGTGGAGAGGGTG
AAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTTATTTGCACTACTGGAAAAC
TACCTGTTCCATGGCCAACACTTGTCACTACTTTCGGTTATGGTGTCAATGCTTTGC
GAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGTGCCATGCCCGAAGG
TTATGTACAGGAAAGAAGCTATATTTTTCAAAGATGACGGGAACTACAAGACACGTGC
TGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAGTTAAAAGGTATTGA
TTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGGAATACAACATAACTCACA
CAATGTATACATCATGGCAGACAAAAGAAATGGAATCAAAGTTAACTTCAAAT
TAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCATTATCAACAAAATAC
TCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCTGTCCACACAATCT
GCCTTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCCTTCTTGAGTTTGTA
ACAGCTGCTGGGATTACACATGGCATGGATGAACTATACAAATAATAACTAGAGC
CAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTG
TTGTTTGTGCGTGAACGCTCTCTACTAGAGTCACACTGGCTCACCTTCGGGTGGGCCT
TTCTGCGTTTA

Colony 3:

GTATCACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGATGATT
TCTGGAATTCGCGGCCGCTTCTAGAGTTTACGGCTAGCTCAGTCCTAGGTATAGTGCT
AGCTACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAAGCTTTTCACTG
GAGTTGTCCCAATCTTGTGTAATTAGATGGTGATGTTAATGGGCACAAATTTTCTG
TCAGTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTTATTT
GCACTACTGGAAAACCTACCTGTTCCATGGCCAACACTTGTCACTACTTTCGGTTATGG
TGTTCAATGCTTTGCGAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAG
TGCCATGCCCGAAGGTTATGTACAGGAAAGAAGCTATATTTTTCAAAGATGACGGGAA
CTACAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGA
GTTAAAAGGTATTGATTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGGAAT
ACAACATAACTCACACAATGTATACATCATGGCAGACAAAAGAAATGGAATCA
AAGTTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACC
ATTATCAACAAAATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATT
ACCTGTCCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGG
TCCTTCTTGAGTTTGTAACAGCTGCTGGGATTACACATGGCATGGATGAACTATACA
AATAATAACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGG
GCCTTTCGTTTTATCTGTTGTTTGTGCGTGAACGCTCTCTACTAGAGTCACACTGGCT
CACCTTCGGGTGGGCCTTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGGCA
AAAAGGGCAAGGTGTCACCACCCTGCCCTTTTTCTTTAAAACCGAAAAGATTACTT
CSCGTTATGCAGGCTTCCTC

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Colony 1:

GGCGTATCACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGATG
ATTTCTGGAATTCGCGGCCGCTTCTAGAGTTGACAGCTAGCTCAGTCCTAGGGATTG
TGCTAGCTACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAACTTTTC
ACTGGAGTTGTCCCAATTCTTGTGAATTAGATGGTGATGTTAATGGGCACAAATTT
TCTGTCAAGTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTT
ATTTGCACTACTGGAAAACCTGTTCCATGGCCAACACTTGTCACTACTTTCGGTT
ATGGTGTTCATGCTTTGCGAGATACCCAGATCATATGAAACAGCATGACTTTTTCA
AGAGTGCCATGCCCCGAAGGTTATGTACAGGAAAGAACTATATTTTTCAAAGATGACG
GAACTACAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAA
TCGAGTTAAAAGGTATTGATTTTTAAAGAAGATGGAAACATTCTTGGACACAAATTGG
AATAACAATAACTCACACAATGTATACATCATGGCAGACAAACAAAAGAATGGAA
TCAAAGTTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCACTAGCAG
ACCATTATCAACAAAATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCA
TTACCTGTCCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACAT
GGTCCTTCTTGAGTTTGTAAACAGCTGCTGGGATTACACATGGCATGGATGAACTATA
CAAATAATAATACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACT
GGGCCTTTCGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGG
CTCACCTTCGGGTGGGCCTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGG
CAAAAAGGGCAAGGTGTC

Colony 2:

TAGGCGTATCACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGA
TGATTTCTGGAATTCGCGGCCGCTTCTAGAGTTGACAGCTAGCTCAGTCCTAGGGAT
TGTGCTAGCTACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAACTT
TTCACTGGAGTTGTCCCAATTCTTGTGAATTAGATGGTGATGTTAATGGGCACAAA
TTTTCTGTCAAGTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAA
TTTATTTGCACTACTGGAAAACCTGTTCCATGGCCAACACTTGTCACTACTTTCG
GTTATGGTGTTCATGCTTTGCGAGATACCCAGATCATATGAAACAGCATGACTTTT
TCAAAGAGTGCCATGCCCCGAAGGTTATGTACAGGAAAGAACTATATTTTTCAAAGATG
ACGGGAACTACAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATA
GAATCGAGTTAAAAGGTATTGATTTTTAAAGAAGATGGAAACATTCTTGGACACAAAT
TGGAATACAATAACTCACACAATGTATACATCATGGCAGACAAACAAAAGAATG
GAATCAAAGTTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCACTAG
CAGACCATTATCAACAAAATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACA
ACCATTACCTGTCCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACC
ACATGGTCCTTCTTGAGTTTGTAAACAGCTGCTGGGATTACACATGGCATGGATGAAC
TATACAAATAATAATACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAA
GACTGGGCCTTTCGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACA
CTGGCTCACCTTCGGGTGGGCCTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGT
CCGGCAAAAAGGGCAAGGTGTCACCACCCTGCCCTTTTCTTTAAAACCGAAAAGA
TTACTTCGCGTTATGCAGGCTTCTCGCTCACTGACTCGCTGCGCTCGGTGTTCCGGC
TGCGGCGAG

Colony 3:

ACGAGGCAGAATTTTCAGATAAAAAAATCCTTAGCTTTCGCTAAGGATGATTTCTGG
AATTCGCGGCCGCTTCTAGAGTTGACAGCTAGCTCAGTCCTAGGGATTGTGCTAGCT
ACTAGAGAAAGAGGAGAAATACTAGATGCGTAAAGGAGAAGAACTTTTCACTGGAG
TTGTCCCAATTCTTGTGAATTAGATGGTGATGTTAATGGGCACAAATTTTCTGTCA
GTGGAGAGGGTGAAGGTGATGCAACATACGGAAAACCTTACCCTTAAATTTATTTGCA

CTACTGGAAAACCTACCTGTTCCATGGCCAACACTTGTCACTACTTTTCGGTTATGGTGT
TCAATGCTTTGCGAGATACCCAGATCATATGAAACAGCATGACTTTTTCAAGAGTGC
CATGCCCGAAGGTTATGTACAGGAAAGAACTATATTTTTCAAAGATGACGGGAACTA
CAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATACCCTTGTTAATAGAATCGAGTT
AAAAGGTATTGATTTTAAAGAAGATGGAAACATTCTTGGACACAAAATTGGAATACA
ACTATAACTCACACAATGTATACATCATGGCAGACAAAACAAAAGAATGGAATCAAAG
TTAACTTCAAATTAGACACAACATTGAAGATGGAAGCGTTCAACTAGCAGACCATT
ATCAACAAAATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAACCATTACCT
GTCCACACAATCTGCCCTTTCGAAAGATCCCAACGAAAAGAGAGACCACATGGTCCT
TCTTGAGTTTGTAACAGCTGCTGGGATTACACATGGCATGGATGAACTATACAAATA
ATAATACTAGAGCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCT
TTCGTTTTATCTGTTGTTTGTGCGGTGAACGCTCTCTACTAGAGTCACACTGGCTCACC
TTCGGGTGGGCCTTCTGCGTTTATATACTAGTAGCGGCCGCTGCAGTCCGGCAAAA
AAGGGCAAGGTGTCACCACCCTGCCCTTTTTCTTTAAAAC