

Dataset S3

>GmFMO

Upstream:

AGGACCATACCGGCGCTGCCATCAGCAGCGAGTACATTTGGCTTTTAAGAACGCATTTCAGAGAAGACGTCTGAGGCAGTGAAGGAGGCCCTACGT
CGA
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CGTAGGACAAATAAATATCTACCTGACTGCGATTGCAGGCCTCGGTTGTAGAACCAATACCAATGTCCGTCATCGAGCAGAGTCGGTGCGGAAA
ACTAGG
AGAACGGGTTTCAGCCAGATGATAAGTTACGACTTTATACGATAAATTACCTTTGCGTAGTTTCTACTCGCACGAAATTTCTCCGCAAGTTTCTGA
ATATCC
GCGTTCTGATCAAGATATGATTGGGCAAGATCGGCCTGAGCAGTCGTCCATTTGTCTACTTCATCGGTGCTCTCTCCAGCCATTGGTAGGGGTCC
GGCA
CAGGTA
CTTCGCCCTTGGACGCGCTCTGATAGGTATCGACATGGTCAGAACGACGGGTAGAGGGATAATTTCCAGGAGCCCAGGTTACAGACGACATAG
TTTTCCGCAATTGTGGGGTCAGCGATACGGCTGGAAGACGGACATCGAAAAACCCTGTTTTTTAAGGGTACCAATAGGGTTGGTTTGGGATAACG
TCCAC
GGTCCGTGCCACTGTCACGATTTTAGATATGATAAAGGGCTTCTGGACAAAAGGGAGAAGTAGTAAGTGACAAGCCAAAGTTCTGCCATCAACAC
ATTTCA
AATTCAGTCCACCTAATTTTCAAATTCGTCGCGGTCCGATGAGGGCGTTTCATCGAGACAAAGAATGGATCATGGGGGCCATAAACAACACTGGG
TG
TGAAATAAAGCCTTGAACCAGTTATTTGGATGACTGTTCTATCAGAAGTGCAACATGCCGAATTTTCATGAACGCTATGTGTAAGGGCAACTGCT
TTTTTCAG
TATCATTCTCCTGCCATATATTTCTGTGAAGCTCACCTGACGAGTGTTATTACAATCTTGGGGTCAAAA
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CACC
AACCTTCAGTATCCAAAAAGCCATTTAACAACGCTCGCGAGGCCACTCTTGGATGGAAA
ACTCGAGTCCTGCATAAGCCTGAAGAAGGATTCAATTTCTT
GCTTTGCGATGTTATTGGATGAGCGTAGATAATGACCGGTCCGGTAAGGGACCAGGGCGATATCAGTGGCTGTGCTTGACGGCCTTCACGGAAG
CAACT
GCCTGATCGGGCTTGACACAGGATAACGAGACGACGATGTTGGAACCAGGCAGGTCCCCACCAGTCCTCTACCGGTAGCCTTTACTGTCCTCGTA

Downstream:

ATCGCCACGAGGCATTTGCGACTTATTGTGTTAGGCAGTTC
CAAGAAGCTCAACGGCAGTCATTTCGAATCGCTGAATGCAGCCTGTGAAGGGATTTCCGA
AGGACCCTTCGCGAAGCTCGGATAAATAGCTAAAGAAATTTGGGGTGCTATAAGCGAAATCTCATTGGAGTTGAGCGGTGGCCAATGACATATTTATAC
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TCCCTCGGTAGTAGAGAGACATAGGAGAAGTCGAAGTATTCACAGCTTGTGTGGATCATTTACTATGTATACTATTTTCCAAGCAACAAACTCTCGGCTCA
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AAGCTTACTCGTTGCCACTAGCGAGAGTCTGGTCGACGTGCTCAGCAGTCCATGGGTTGCAGCCAATACCCAGATTGGGAGACGAGTAGCGTTGGTGT
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CGAGGACCGAATAGAGCTGATGAGTTAGGAAATAGCAGCGACTCCGCAAGCTGTGAACTTCTAGAATAAAGATCCAAGAACATTTTCGACGCCATTACGA
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CCTATAAAGAGATAACCTGATTCACCGAATAGTGGCAAAATGTCGTGGAGTCGTGGTTGTACCGATTGCCTAGCCAAAGTCAGTCCATCACAATTTTCGC
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Upstream:

GCGGCGGAACGATATTTGGTACTTCACCAAGGAGTTTGTTCCTTGTGATCCTCCTCCTCGCCTTCTCTATCGAGCCCTTGATCTCGTTCCGCCTTTT
AGGTTTTCTGGAGTTTTCTCCTTCGACCTCATCTCCAGCGTCTTGAGTGACGTGTTCCAGATCTCGATAGAGATGCAATGTTCCCTCAATCTTTTTAGTGAT
AGCCATTGTTGCGTTTTTGTATGCACCGGTACCGAGGGCGATGATGTCTTCACGAGCTTGGTCCATGTTTCGTCTTCCGCGTCATGGGCTTGTTTTGAAAA
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AGGAGACTTTAAGGGTGCAATCGGTAGACCTAGAGCGTGGCTGAAGTCTTTCCTAAGTTCAGCGATAGGATCAAGGAGAGGATCAAGAGAGAGGAGCTT
GGGTCCAGCGGAACGATGAAGACGGGATTCGATGAAGGCCACTTGGATGTTAGGAAAGCCAGCGTCCTTGAGGACACTGAGAACGGCATCTCCAGCAG
CAACAGCATCGTCGTAAAGGAGTGAGTAAGGCTCGACGCCAATGGTAATAACGAAGGGGCAGAATGGATCGGCTTTTCCAGCATCGGCCTAGGCAAGG
GGATTAATGGCATTCCAATCTACCTTGAGAGAGTTCGAGTTTGGCTACGATCCTCCACCCAATAGACAGCCAAAAAGGGCGAATAGGGTGATTGTAATGG
GACGAGCGGCTCGGTATATCCCCTGAGCCTGGTTGCCCGTGCCTTGTACCATGCAGGCCAGTCTTATAGATACAGGGGGTCTCACTGCCGTAAAAAT
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CAGGCAGCCTGAGGCAGGTGGTTTGGCTTCGGGTGACATCGTGAATGTTGCAGTCGCTGCTTGCGCCGCATATAAGAATCTGTTGCAGGCGGTTCTGTT
GCTG

Downstream:

GACCATAGTGTGCAATTCAAGCTTGCATGCTTCAGATGATGGGAGTCAGTGCCTGTCCCATTTGTTGTTTCGCTCATCCTTATCAAACCTTGATGACGGTCAA
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GCAAGATTTCCAATCATATGGCATGTAAAGACGGATCTCGAAAATGCATGTTCCACATGAAGCCTTCCTTGAAGCATAAGAAGTACTACAAGACCAA
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