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5' TAAGGGATTTTGGTCATGAGATCAGATCTAACATCCAAAGACGAAAGGTTGAATGAAACCTTTTTGCCATCCGAC
...
3' ATTCCCTAAAACCAGTACTCTAGTCTAGATTGTAGGTTTCTGCTTCCAACCTACTTTGGAAAAACGGTAGGCTG

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AOX1 promoter >

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ATCCACAGGTCCATTCTCACACATAAGTGCCAAACGCAACAGGAGGGGATACACTAGCAGCAGACCGTTGCAAAC
...
TAGGTGTCCAGGTAAGAGTGTGTATTACGGTTTGC GTTGTCTCCCTATGTGATCGTCGTCTGGCAACGTTTG

```

AOX1 promoter >

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GCAGGACCTCCACTCCTCTTCTCCTCAACACCCACTTTTGCCATCGAAAAACCAGCCAGTTATTGGGCTTGATT
...
CGTCCTGGAGGTGAGGAGAAGAGGAGTTGTGGGTGAAAACGGTAGCTTTTTGGTGGGTCAATAACCCGAACTAA

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AOX1 promoter >

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GGAGCTCGCTCATTCCAATTCTTCTATTAGGCTACTAACACCATGACTTTATTAGCCTGTCTATCCTGGCCCCC
...
CCTCGAGCGAGTAAGGTTAAGGAAGATAATCCGATGATTGTGGTACTGAAATAATCGGACAGATAGGACCGGGGG

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AOX1 promoter >

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CTGGCGAGGTTTCATGTTTGTATTTCCGAATGCAACAAGCTCCGCATTACACCCGAACATCACTCCAGATGAGG
...
GACCGCTCCAAGTACAAACAAATAAAGGCTTACGTTGTTCGAGGCGTAATGTGGGCTTGTAGTGAGGTCTACTCC

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AOX1 promoter >

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GCTTTCTGAGTGTGGGGTCAAATAGTTTCATGTTCCCAAATGGCCCAAACCTGACAGTTTAAACGCTGTCTTGG
...
CGAAAGACTCACACCCAGTTTATCAAAGTACAAGGGTTTACCGGTTTTGACTGTCAAATTTGCGACAGAACC

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AOX1 promoter >

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AACCTAATATGACAAAAGCGTGATCTCATCCAAGATGAACTAAGTTTGGTTCGTTGAAATGCTAACGGCCAGTTG
...
TTGGATTATACTGTTTTGCGACTAGAGTAGGTTCTACTTGATTCAAACCAAGCAACTTTACGATTGCCGGTCAAC

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AOX1 promoter >

GTCAAAAAGAAACTTCCAAAAGTCGGCATACCGTTTGTCTTGTGGTATTGATTGACGAATGCTCAAAAATAAT
CAGTTTTTCTTTGAAGGTTTTTCAGCCGTATGGCAAACAGAACAACCATAACTAACTGCTTACGAGTTTTTATTA
AOX1 promoter

CTCATTAAATGCTTAGCGCAGTCTCTCTATCGCTTCTGAACCCCGGTGCACCTGTGCCGAAACGCAAATGGGGAAA
GAGTAATTACGAATCGCGTCAGAGAGATAGCGAAGACTTGGGGCCACGTGGACACGGCTTTGCGTTTACCCTTT
AOX1 promoter

CACCCGCTTTTTGGATGATTATGCATTGTCTCCACATTGTATGCTTCCAAGATTCTGGTGGGAATACTGCTGATA
GTGGGCGAAAAACCTACTAATACGTAACAGAGGTTAACATACGAAGGTTCTAAGACCACCCTTATGACGACTAT
AOX1 promoter

GCCTAACGTTTCATGATCAAAATTTAACTGTTCTAACCCCTACTTGACAGCAATATATAACAGAAGGAAGCTGCC
CGGATTGCAAGTACTAGTTTTAAATTGACAAGATTGGGGATGAACTGTCGTTATATATTTGCTTCTTCCTCGACGG
AOX1 promoter

CTGTCTTAAACCTTTTTTTTTATCATCATTATTAGCTTACTTTTCATAATTGCGACTGGTTCCAATTGACAAGCTT
GACAGAATTTGGAAAAAAAATAGTAGTAATAATCGAATGAAAGTATTAACGCTGACCAAGGTTAACTGTTTCGAA
AOX1 promoter

TTGATTTTAAACGACTTTTAAACGACAACCTTGAGAAGATCAAAAAACAACCTAATTATTCGAAACGAGGAATTCACGT
AACTAAAATTGCTGAAAATTGCTGTTGAACTCTTCTAGTTTTTTGTTGATTAATAAGCTTTGCTCCTTAAGTGCA
AOX1 promoter MCS

EcoRI PmlI

GGCCAGCCGGCCGCTCTCGGATCGGTACCTCGAGCCGCGGGCGGCCGAGCTTGGGCCCCGAACAAAAACTCATCT
CCGGTTCGGCCGGCAGAGCCTAGCCATGGAGCTCGGCGCCGCCGGCGGTTCGAACCCGGGCTTGTTTTTGAGTAGA
MCS Myc

KpnI XhoI SacII NotI ApaI

1 5
Glu Gln Lys Leu Ile
Myc

CAGAAGAGGATCTGAATAGCGCCGTCGACCATCATCATCATCATTGAGTTTTAGCCTTAGACATGACTGTTCC
GTCTTCTCCTAGACTTATCGCGGCAGCTGGTAGTAGTAGTAGTAACTCAAATCGGAATCTGTACTGACAAG
Myc 6xHis

10
Ser Glu Glu Asp Leu Asn Ser Ala Val Asp 1 His His His His 5 His