

pPICZ B Multiple Cloning Site

5' end of AOX1 mRNA

811 AACCTTTTTT TTTATCATCA TTATTAGCTT ACTTTCATAA TTGCGACTGG TTCCAATTGA

5' AOX1 priming site

871 CAAGCTTTTGG ATTTTAACGA CTTTTAACGA CAACTTGAGA AGATCAAAAA ACAACTAATT

Sfu I EcoR I Pml I Sfi I BsmB I Asp718 I Kpn I Xho I

931 ATTCGAAACG AGGAATTCAC GTGGCCCAGC CGGCCGTCTC GGATCGGTAC CTCGAGCCGC

Sac II Not I Xba I myc epitope

991 GGCGGCCGCC AGCTT TCTA GAA CAA AAA CTC ATC TCA GAA GAG GAT CTG
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu

Polyhistidine tag

1040 AAT AGC GCC GTC GAC CAT CAT CAT CAT CAT CAT TGA GTTTGTAGCC TTAGACATGA
Asn Ser Ala Val Asp His His His His His His ***

1096 CTGTTCTCTCA GTTCAAGTTG GGCACCTTACG AGAAGACCGG TCTTGCTAGA TTCTAATCAA

3' AOX1 priming site

1156 GAGGATGTCA GAATGCCATT TGCCTGAGAG ATGCAGGCTT CATTTTTGAT ACTTTTTTAT

3' polyadenylation site

1216 TTGTAACCTA TATAGTATAG GATTTTTTTTT GTCATTTTGT TTC