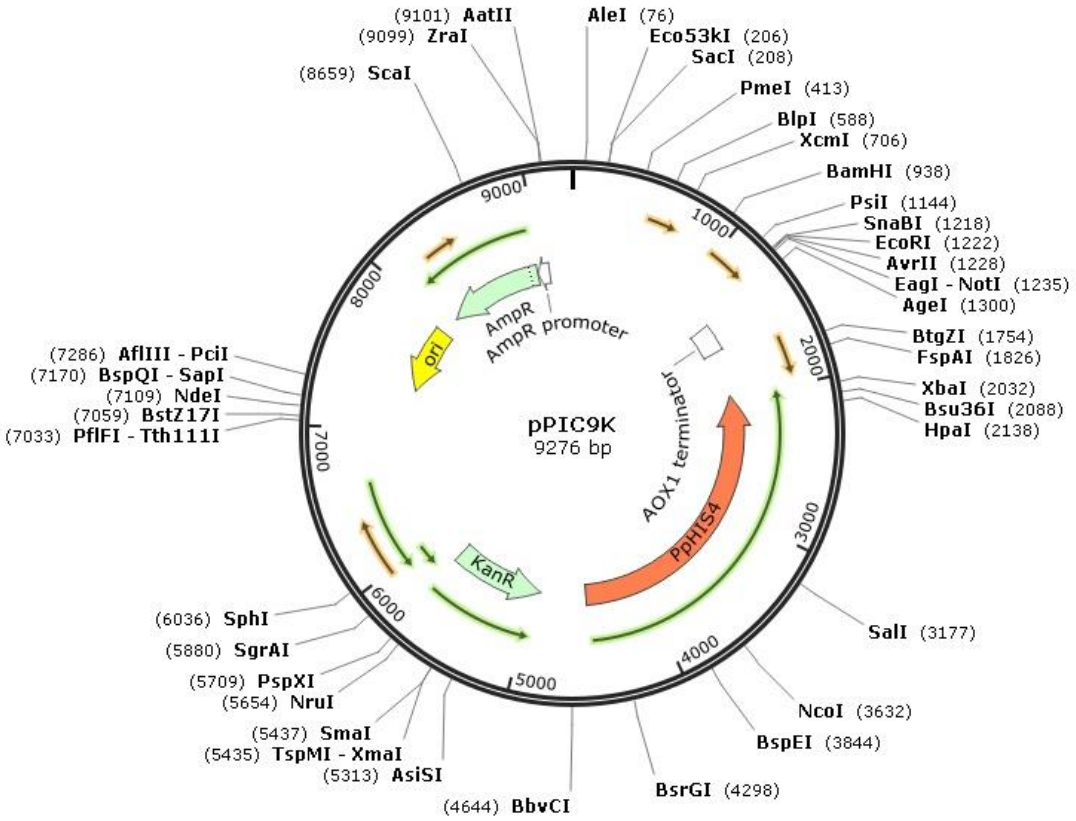

AOX1 mRNA 5'end (824)

5' *AOX1* primer site (855-875)

```
TTATCATCAT TATTAGCTTA CTTTCATAAT TGCGACTGGT TCCAATTGAC

AAGCTTTTGA TTTTAACGAC TTTTAACGAC AACTTGAGAA GATCAAAAAA
```

Start (949) α-Factor Signal Sequence

```
CAACTAATTA TTCGAAGGAT CCAAACG ATG AGA TTT CCT TCA ATT
                              Met Arg Phe Pro Ser Ile

TTT ACT GCA GTT TTA TTC GCA GCA TCC TCC GCA TTA GCT GCT
Phe Thr Ala Val Leu Phe Ala Ala Ser Ser Ala Leu Ala Ala

CCA GTC AAC ACT ACA ACA GAA GAT GAA ACG GCA CAA ATT CCG
Pro Val Asn Thr Thr Thr Glu Asp Glu Thr Ala Gln Ile Pro

GCT GAA GCT GTC ATC GGT TAC TCA GAT TTA GAA GGG GAT TTC
Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe

GAT GTT GCT GTT TTG CCA TTT TCC AAC AGC ACA AAT AAC GGG
Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly
```

α-Factor primer site (1152-1172)

```
TTA TTG TTT ATA AAT ACT ACT ATT GCC AGC ATT GCT GCT AAA
Leu Leu Phe Ile Asn Thr Thr Ile Ala Ser Ile Ala Ala Lys
```

Signal cleavage (1203-1204) *Sna* BI

```
GAA GAA GGG GTA TCT CTC GAG AAA AGA GAG GCT GAA GCT TAC
Glu Glu Gly Val Ser Leu Glu Lys Arg Glu Ala Glu Ala Tyr
```

Eco RI *Avr* II *Not* I

```
GTA GAA TTC CCT AGG GCG GCC GCG AAT TAA TTCGCCTTAG
Val Glu Phe Pro Arg Ala Ala Ala Asn ***

ACATGACTGT TCCTCAGTTC AAGTTGGGCA CTTACGAGAA GACCGGTCTT
```

3' *AOX* 1 primer site (1327-1347)

```
GCTAGATTCT AATCAAGAGG ATGTCAGAAT GCCATTTGCC TGAGAGATGC

AGGCTTCATT TTTGATACTT TTTTATTTGT AACCTATATA GTATAGGATT
```

↓ *AOX*1 mRNA 3' end (1418)

```
TTTTTTGTCA
```