



**Comments for pHIL-S1:  
8260 nucleotides**

- 5' AOX1 promoter fragment: bases 1-941
- 5' AOX1 primer site: bases 856-876
- PHO1 secretion signal (S): bases 942-1007
- Multiple Cloning Site Region: bases 1006-1026
- 3' AOX1 primer site: bases 1099-1119
- 3' AOX1 transcription termination (TT) fragment: bases 1025-1190
- HIS4 ORF: bases 4286-1753
- 3' AOX1 fragment: bases 4641-5397
- pBR322 origin: bases 6556-5937
- f1 origin of replication: bases 6651-7106
- Ampicillin resistance gene: bases 7922-7062