CLAIMS

1. A yeast cell of the Komagataella genus comprising an orthologous promoter of a methylotrophic yeast cell or a variant thereof inducible by derepression, in which the orthologous promoter is an orthologous formate dehydrogenase (FMD) promoter of a methylotrophic yeast cell comprising nucleic acid sequence SEQ ID No. 1 and the variant thereof comprising nucleic acid sequence SEQ ID No. 27:

AATGTATCTAAACGCAAACTCCGAGCTGGAAAAATGTTACCGGCGATGCGC
GGACAATTTAGAGGCGGCGAX_1TCAAGAAACACCTGCTGGGCGAGCAGTCT
GGAGCACAGTCTTCGATGGGCCCGAGATCCCACCGCGTTCCTGGGTACCGG
GACGTGAGGCAGCGCGACATCCATCAAATATACCAGGCGCCAACCGAGTCT
CTCGGAAAACAGCTTCTGGATATCTTCCGCTGGCGGCGCAACGACGAATAAT
AGTCCCTGGAGGTGACGGAATATATATGTGTGGAGGGTAAATCTGACAGGG
TGTAGCAAAGGTAATATTTTCCTAAAACATGCAATCGGCTGCCCCGCX_2ACG
GGAAAAAGAATGACTTTGGCACTCTTCACCAGAGTGGGGTGTCCCGCTCGTG
TGTGCAAATAGGCTCCCACTGGTCACCCCGGATTTTGCAGAAAAAX_3AGCAA
GTTCCGGGGTGTCTCACTGGTGTCCGCCAATAAGAGGAGCCGGCAGGCACG
GAGTCTACATCAAGCTGTCTCCGATACACTCGACTACCAX_4CCGGGTCTCTCX
$_5X_6X_7X_8X_9X_{10}X_{11}X_{12}X_{13}X_{14}X_{15}X_{16}X_{17}X_{18}CACX_{19}$,

in which X_1 is adenine or no nucleotide, X_2 is adenine or guanine, X_3 is cytosine or thymine, X_4 is thymine or guanine, X_5 is adenine or cytosine, X_6 is guanine or cytosine, X_7 is adenine or cytosine, X_8 is guanine or cytosine, X_9 is adenine, guanine or cytosine, X_{10} is guanine or cytosine, X_{11} is guanine or cytosine, X_{12} is guanine or cytosine, X_{13} is guanine or cytosine, X_{14} is adenine or cytosine, X_{15} is adenine or cytosine, X_{16} is thymine or cytosine, X_{17} is guanine or cytosine, X_{18} is guanine or cytosine, X_{19} is a nucleic acid sequence selected from the group consisting of TATAAATACCGCCTCCTTGCGCTCTCTGCCTTCATCAATCAAATC (SEQ ID No. 28), TATATAAACTGGTGATAATTCCTTCGTTCTGAGTTCCATCTCATACTCAAACT A-TATTAAAACTACAACA (SEQ ID No. 29), TATAAATACAAGACGAG-TGCGTCCTTTTCTAGACTCACCCATAAACAAATAATCAATAAAT (SEQ ID No. 30) and TATAAATACTGCCTACTTGTCCTCTATTCCTTCATCAATCACATC (SEQ ID No. 31).

2. A yeast cell according to Claim 1, in which the orthologous promoter is inducible with methanol.

3. A yeast cell according to Claim 1 or 2, in which the orthologous promoter is operably linked to a nucleic acid molecule coding for a heterologous or homologous polypeptide.

4. A yeast cell according to Claim 3, in which the heterologous or homologous polypeptide comprises a signal peptide, in particular a secretion signal peptide.

5. A yeast cell according to any preceding claim, in which the orthologous promoter originates from a methylotrophic yeast cell selected from the group consisting of the genre Hansenula, Candida, Komagataella and Pichia.

6. A yeast cell according to any preceding claim, in which the methylotrophic yeast cell is selected from the group consisting of *Hansenula polymorpha, Candida boidinii*, *Pichia methanolica, Komagataella pastoris, Komagataella phaffii, Komagataella populi, Komagataella pseudopastoris, Komagataella ulmi* and *Komagataella* sp. 11-1192.

7. A yeast cell according to any preceding claim, in which the orthologous promoter and optionally the nucleic acid molecule coding for the heterologous or homologous polypeptide in the genome and also operably linked to the promoter is optionally present in the genome or as an extrachromosomal nucleic acid construct.

8. A yeast cell according to any preceding claim, in which the variant comprises a nucleic acid sequence selected from the group consisting of SEQ ID No. 35, SEQ ID No. 36, SEQ ID No. 37, SEQ ID No. 38, SEQ ID No. 39, SEQ ID No. 40, SEQ ID No. 41, SEQ ID No. 42, SEQ ID No. 43, SEQ ID No. 44, SEQ ID No. 45, SEQ ID No. 46, SEQ ID No. 47, SEQ ID No. 48, SEQ ID No. 49, SEQ ID No. 50, SEQ ID No. 51, SEQ ID No. 52, SEQ ID No. 53, SEQ ID No. 54, SEQ ID No. 55 and SEQ ID No. 56, preferably selected from the group consisting of SEQ ID No. 35, SEQ ID No. 37, SEQ ID No. 39, SEQ ID No. 40, SEQ ID No. 44, SEQ ID No. 51, SEQ ID No. 52, SEQ ID No. 54, SEQ ID No. 55 and SEQ ID No. 56, more preferably selected from the group consisting of SEQ ID No. 35, SEQ ID No. 39, SEQ ID No. 44, SEQ ID No. 51, SEQ ID No. 52, SEQ ID No. 54, SEQ ID No. 55 and SEQ ID No. 56.

9. A method for producing a heterologous polypeptide comprising the step of culturing a yeast cell according to any preceding claim.

10. A method according to Claim 9, in which during the culturing the expression of the heterologous polypeptide is induced or its expression rate is increased by derepressing conditions.

11. A method according to Claim 9, in which during the culturing under derepressing conditions, methanol is added.