



Product Sheet

(ATCC® 47104™)

Please read this FIRST

Storage Temp.

-80°C or colder

Biosafety Level

1

Description

Product Description: The strain FY191 was generated by integrating the vector pSLF104 (ATCC 87621) into a strain of genotype h- ade6-704 leu1-32 ura4-D18. The vector contains the marker sup3-5, which suppresses ade6-704, and the tet repressor gene under control of the *S. pombe* adh promoter. The strain FY191 produces a constitutive tetracycline repressor protein and is a host required for regulated expression of a cloned gene into a vector containing the tet operator and the CaMV promoter (pSLF101, ATCC 87619; pSLF102, ATCC 87620). The CaMV-tet vector in the strain FY191 is repressed in the absence of tetracycline and induced by addition of tetracycline to 10 ug/mL.

Depositors:

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Propagation: Plate can be thawed at room temperature. Transfer a loopful to a test tube containing 5 mL Yeast Extract broth for *Schizosaccharomyces* (ATCC media number 1067). A loopful of culture can also be streaked on an agar plate of yeast extract agar for *Schizosaccharomyces*. Incubate cultures at 30°C.

Components

ATCC Number	<i>S. pombe</i> strain name	Genotype	Plate Position
38366	Lindner 972	h-	A01
38399	Lindner	h- leu1-32	A02
38436	Lindner	h- ura4-294	A03
201399	Lindner CHP428	h+ ura4-D18 leu1-32 ade6-M210 his7-366	A04
201400	Lindner CHP429	h- ura4-D18 leu1-32 ade6-M210 his7-366	A05
201401	Lindner FY118	h90 ura4-D18 leu1-32 ade6-M216	A06
201437	Lindner FY191	h- ura4-D18 leu1-32 ade6-704 [Integrated pSLF104 sup3-5]	A07
201402	Lindner FY254	h- ura4-D18 leu1-32 ade6-M210 can1-1	A08
201403	Lindner FY261	h+ ura4-D18 leu1-32 ade6-M210 can1-1	A09
96115	Lindner KGY425	h- his3-D1 leu1-32 ura4-D18 ade6-M210	A10
96116	Lindner KGY461	h+ his3-D1 leu1-32 ura4-D18 ade6-M210	A11
96117	Lindner KGY553	h- his3-D1 leu1-32 ura4-D18 ade6-M216	A12
96118	Lindner KGY554	h+ his3-D1 leu1-32 ura4-D18 ade6-M216	B01

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product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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