

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC042001A

Strain: RB-1

Syngen and mating type: Syngen 4, Mt E

Collected location and date: Katzenbachsee near Stuttgart, Germany, August 1993

Chain of custody: NBRP ← M. Fujishima ← H.-D. Görtz

Biosafety level: 1

Product format: tube culture

Other characters: *Holospira obtusa* maintainer, Cryopreservable

Publications:

Watanabe K et al. Front Microbiol, 23 October 2020

Watanabe K et al. FEMS Microbiol Ecol, 94, 11, November 2018, fyy162

Nishida T et al. Front Microbiol, 25 April 2020

Hori M, Fujishima M. J Euk Microbiol, 55 (6), 515-521, 2008.

Fokin S I, Schweikert M, Fujishima M. Eur J Protistol, 41, 129-138, 2005.

Nakamura Y et al, FEMS Microbiol Lett, 240, 209-213, 2004.

Hori M, Fujishima M. J Euk Microbio, 50 (4), 293-298, 2003.

Skovorodkin I N, Fokin S I, Fujishima M. Eur J Protistol, 37, 137-145, 2001.

Dohra H, Fujishima M, Ishikawa H. J Euk Microbiol, 45 (1), 71-79, 1998.

Dohra H, Fujishima M. FEMS Microbiol Lett, 179, 473-477, 1999.

Dohra H et al, Zool Sci, 14, 69-75, 1997.

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC011018A

Strain: Ai254

Syngen and mating type: Syngen 1, Mt O

Collected location and date: Miyagi pref, Japan, 2015

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC012002A

Strain: Myn92

Syngen and mating type: Syngen 1, Mt E

Collected location and date: Miyagi pref, Japan

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC011011A

Strain: Mmn64

Syngen and mating type: Syngen 1, Mt O

Collected location and date: Miyagi pref, Japan

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC032004A

Strain: TAZ0462

Syngen and mating type: Syngen 3, Mt E

Collected location and date:

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC031013A

Strain: TAZ0460

Syngen and mating type: Syngen 3, Mt O

Collected location and date:

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC042003A

Strain: Hot1

Syngen and mating type: Syngen 4, Mt E

Collected location and date: Kitami-city Hokkaido, Japan

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC041002A

Strain: N93-027

Syngen and mating type: Syngen 4, Mt O

Collected location and date: Joso-city Ibaraki pref, Japan, 1993

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC062012A

Strain: YR1504-2

Syngen and mating type: Syngen 6, Mt E

Collected location and date: Yamaguchi-city Yamaguchi pref, Japan, 2015

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC061016A

Strain: YR1504-6

Syngen and mating type: Syngen 6, Mt O

Collected location and date: Yamaguchi-city Yamaguchi pref, Japan, 2015

Chain of custody: NBRP ← M. Fujishima

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC072004A

Strain: Fura4

Syngen and mating type: Syngen 7, Mt E

Collected location and date: Furano-city Hokkaido, Japan, 2011

Chain of custody: NBRP ← M. Fujishima ← N. Haga

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC071005A

Strain: Fura5

Syngen and mating type: Syngen 7, Mt O

Collected location and date: Furano-city Hokkaido, Japan, 2011

Chain of custody: NBRP ← M. Fujishima ← N. Haga

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC122099A

Strain: Ai252

Syngen and mating type: Syngen 12, Mt E

Collected location and date: Miyagi pref, Japan, 2015

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC121100A

Strain: Ai253

Syngen and mating type: Syngen 12, Mt O

Collected location and date: Miyagi pref, Japan, 2015

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC122029A

Strain: dKNZ1207x1209-1

Syngen and mating type: Syngen 12, Mt E

Collected location and date: F1 progeny of a cross between strains KNZ1207 and KNZ1209, 2013

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC121031A

Strain: dKNZ1207x1209-3

Syngen and mating type: Syngen 12, Mt O

Collected location and date: F1 progeny of a cross between strains KNZ1207 and KNZ1209, 2013

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium caudatum Ehrenberg, 1833

NBRP ID: PC121015B

Strain: My43C3d

Syngen and mating type: Syngen 12, Mt O

Collected location and date: Progeny of cytogamy with strain My43, 2010

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters: Genome decoded

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium tetraurelia Sonneborn, 1975

NBRP ID: PA041001A

Strain: st110-1a

Syngen and mating type: Mt O

Collected location and date:

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium tetraurelia Sonneborn, 1975

NBRP ID: PA042002A

Strain: st110-1b

Syngen and mating type: Mt E

Collected location and date:

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium tetraurelia Sonneborn, 1975

NBRP ID: PA040015A

Strain: d4-2 (7.2b)

Syngen and mating type:

Collected location and date: Derivative of stock 51

Chain of custody: NBRP ← M. Fujishima ← M. Hori

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Ishida, Hori. Jpn J Protozool, 2017. Doi: 10.18980/jjprotozool.IIP16-05

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium tetraurelia Sonneborn, 1975

NBRP ID: PA040011A

Strain: 51

Syngen and mating type:

Collected location and date: USA

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium multimicronucleatum Powers & Mitchell, 1910

NBRP ID: PM023001A

Strain: YM-25

Syngen and mating type: Syngen 2, Mt III, IV

Collected location and date: Ishinomaki-city Miyagi pref, Japan, 1992

Chain of custody: NBRP ← M. Fujishima ← N. Haga

Biosafety level: 1

Product format: tube culture

Other characters: Cycler of III and IV

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium multimicronucleatum Powers & Mitchell, 1910

NBRP ID: PM020002A

Strain: M03c4

Syngen and mating type: Syngen 2, complementary mating type of strain YM-25

Collected location and date: Progeny of cytogamy with strain M03, 2010

Chain of custody: NBRP ← M. Fujishima ← A. Yanagi

Biosafety level: 1

Product format: tube culture

Other characters: Genome decoded

Publications:

Ishida, Hori. Jpn J Protozool, 2017. Doi: 10.18980/jjprotozool.IIP16-05

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium putrinum Claparede & Lachmann, 1858

NBRP ID: PP001001A

Strain: OM1

Syngen and mating type: Mt I

Collected location and date:

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium putrinum Claparede & Lachmann, 1858

NBRP ID: PP002002A

Strain: Sw2

Syngen and mating type: Mt II

Collected location and date: Nagano pref, Japan

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium putrinum Claparede & Lachmann, 1858

NBRP ID: PP004001A

Strain: OM4

Syngen and mating type: Mt IV

Collected location and date: Hirosima pref, Japan

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium nephridiatum Gelei, 1925

NBRP ID: PN000001A

Strain: Rw-1

Syngen and mating type:

Collected location and date:

Chain of custody: NBRP ← M. Fujishima ← S. Fokin

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium calkinsi Woodruff, 1921

NBRP ID: PK000001A

Strain: GN5-3

Syngen and mating type:

Collected location and date: Germany

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium polycaryum Woodruff, 1923

NBRP ID: PO000001A

Strain: YnA(+)

Syngen and mating type:

Collected location and date:

Chain of custody: NBRP ← M. Fujishima ← T. Watanabe

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium duboscqui Chatton & Brachon, 1933

NBRP ID: PD000001A

Strain: PD1

Syngen and mating type:

Collected location and date:

Chain of custody: NBRP ← M. Fujishima ← S. Fokin

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB031001A

Strain: HK4g

Syngen and mating type: Syngen 3, Mt I

Collected location and date: Chigasaki-city Kanagawa pref, Japan, 1990

Chain of custody: NBRP ← M. Fujishima ← I. Miwa

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB031002A

Strain: KM2g

Syngen and mating type: Syngen 3, Mt I

Collected location and date: Matsue-city Shimane pref, Japan, 1985

Chain of custody: NBRP ← M. Fujishima ← T. Kosaka

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Kodama, Fujishima. Protist 159, 483-494, 2008. Doi:10.1016/j.protis.2008.02.005

Kodama, Fujishima. Protoplasma 231,55-63, 2007. Doi: 10.1007/s00709-006-0241-8

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB031010B

Strain: Yad1g1N

Syngen and mating type: Syngen 3, Mt I

Collected location and date: Yamaguchi-city Yamaguchi pref, Japan, 2004

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters: Original algae were replaced with *Chlorella variabilis* 1N

Publications:

Kodama et al. *Symbiosis* 71, 47-55, 2016. Doi: 10.1007/s13199-016-0411-1

Watanabe et al. *Sci Rep*, 6, 24322 (2016). Doi:10.1038/srep24322

Dohra et al, *FEBS Lett*, 589 (20Pt B) 311-8, 2015. Pubmed ID: 26342535

Kodama, Fujishima. *Biol Open* 5, 55-61, 2015. Pubmed ID: 26718931

Kodama et al. *BMC Genomics* 15, 183, 2015. Pubmed ID: 24612690

Kodama, Fujishima. *FEMS Microbiol Ecol*, 90, 946-955, 2014. Pubmed ID: 25348325

Kodama, Fujishima. *Protist* 164, 660-672, 2013. Pubmed ID: 23912150

Kodama. *Symbiosis* 60, 25-36, 2013. Doi: 10.1007/s13199-013-0233-3

Kodama Fujishima. *Env Microbuol*, 14, 2800-2811, 2012. Pubmed ID: 22672708

Fujishima, Kodama. *Eur J Protistol*, 48, 124-137, 2012. Pubmed ID: 22153895

Kodama, Fujishima. *Protoplasma* 248, 325-337, 2011. Doi: 10.1007/s00709-0175-z

Kodama, Fujishima. *Protist* 162, 288-303, 2011. Doi: 10.1016/j.protis.2010.06.005

Kodama et al. *Protist* 160, 319-329, 2009. Doi:10.1016/j.protis.2008.11.003

Kodama, Fujishima. *Protist* 159, 483-494, 2008. Doi:10.1016/j.protis.2008.02.005

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB032001A

Strain: Dd1g

Syngen and mating type: Syngen 3, Mt II

Collected location and date: Hitachiota-city Ibaraki pref, Japan, 1995

Chain of custody: NBRP ← M. Fujishima ← I. Miwa

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Kodama, Fujishima. Protist 159, 483-494, 2008. Doi:10.1016/j.protis.2008.02.005

Kodama, Fujishima. Protoplasma 231,55-63, 2007. Doi: 10.1007/s00709-006-0241-8

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB032002A

Strain: YF1g

Syngen and mating type: Syngen 3, Mt II

Collected location and date: Yufu-city Oita pref, Japan, 1985

Chain of custody: NBRP ← M. Fujishima ← T. Kosaka

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB033001A

Strain: CT39g

Syngen and mating type: Syngen 3, Mt III

Collected location and date: F1 progeny of a cross between strains Cs2 and T157

Chain of custody: NBRP ← M. Fujishima

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB033003A

Strain: HK1g

Syngen and mating type: Syngen 3, Mt III

Collected location and date: Chigasaki-city Kanagawa pref, Japan, 1990

Chain of custody: NBRP ← M. Fujishima ← I. Miwa

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB034003A

Strain: STL3g

Syngen and mating type: Syngen 3, Mt IV

Collected location and date: Shimabara-city Nagasaki pref, Japan, 1988

Chain of custody: NBRP ← M. Fujishima ← T. Kosaka

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB034004A

Strain: HA1g

Syngen and mating type: Syngen 3, Mt IV

Collected location and date: Hirosaki-city Aomori pref, Japan, 2010

Chain of custody: NBRP ← M. Fujishima ← S. Iwai

Biosafety level: 1

Product format: tube culture

Other characters:

Publications:

Iwai et al. Environ. Microbiol. 18, 2435–2445, 2016. Pubmed ID: 26625979

Watanabe et al. Sci Rep, 6, 24322 (2016). Doi:10.1038/srep24322

Paramecium bursaria (Ehrenberg, 1831) Focke, 1836

NBRP ID: PB034007A

Strain: HA1w

Syngen and mating type: Syngen 3, Mt IV

Collected location and date: Hirosaki-city Aomori pref, Japan, 2010

Chain of custody: NBRP ← M. Fujishima ← S. Iwai

Biosafety level: 1

Product format: tube culture

Other characters: Symbiotic Chlorella in HA1g strain of *P.bursaria* was removed by treatment with cycloheximide to obtain a chlorella-free *P.bursaria* clone, white strain (HA1w strain).

Publications:

Iwai et al. *Environ. Microbiol.* 18, 2435–2445, 2016. Pubmed ID: 26625979

Watanabe et al. *Sci Rep*, 6, 24322 (2016). Doi:10.1038/srep24322

