0906:

0\_0\_4

-- Plasmid Maxiprep II

-- add isopropanol into mixture

0\_0\_5

-- Plasmid Maxiprep

-- elute plasmid into EP\_tube

0\_1\_3

-- Glue recycling

-- add dissolution into glue

3\_1\_2

-- Glue production

-- 0-56 weigh agarose

-- 57-71 prepare agarose solution

4\_1\_1

-- PCR

-- 0-61 add plasmid into EP\_tube

-- 62-169 add dd\_water into mixture

0825:

0\_1\_0

-- PCR

-- add plasmid into EP\_tube

0\_1\_2

-- PCR

-- add plasmid into EP\_tube

0\_1\_3

-- PCR

-- add dd\_water into PCR\_tube

0\_1\_4

-- PCR

-- 0-56 add dd\_water into mixture

-- 57-136 add plasmid into PCR\_tube

3\_1\_5

-- Glue production

-- 0-79 weigh agarose

-- 80-118 prepare agarose solution

3\_1\_6

-- Glue production

-- 0-60 weigh agarose

-- 61-85 prepare agarose solution

3\_1\_7

-- Yeast transformation

-- measure OD

3\_1\_8

-- Yeast\_transformation

-- measure OD

3\_1\_9

-- Yeast\_transformation

-- measure OD

3\_1\_13

-- PCR

-- centrifuge PCR contents

3\_1\_14

-- PCR

-- centrifuge PCR contents

3\_1\_16

-- Glue recycling

-- heat buffer\_EB

0817:

0\_0\_3

-- PCR products digest using DpnI enzyme

-- add dd\_water into mixture

0\_1\_0

-- PCR products digest using DpnI enzyme

-- add dd\_water into mixture

0\_1\_2

-- PCR

-- 0-86 add dd\_water into PCR\_tube

-- 87-162 mix and resuspend PCR contents

1\_0\_4

-- PCR

-- PCR reaction

1\_1\_6

-- PCR

-- PCR reaction

1\_1\_7

-- PCR

-- PCR reaction

0816:

1\_1\_0

-- PCR

-- PCR reaction

1\_1\_1

-- E.coli transformation

-- 0-94 heat mixture

-- 95-132 mixture ice bath

0809:

0\_1\_0

-- Glue recycling

-- add dissolution into glue

0\_1\_1

-- PCR fragment recycling

-- add wash\_buffer into EP\_tube

0\_1\_2

-- PCR

-- 0-58 add dd\_water into PCR\_tube

-- 59-136 add plasmid into PCR\_tube

0\_1\_3

-- PCR

-- add plasmid into EP\_tube

0\_1\_4

-- PCR

-- 0-30 add dd\_water into PCR\_tube

-- 31-60 mix and resuspend mixture

-- 61-86 centrifuge PCR contents

0\_1\_5

-- PCR

-- 0-10 mix and resuspend mixture

-- 11-38 centrifuge PCR contents

-- 39-78 add plasmid into EP\_tube

0\_1\_6

-- PCR

-- 0-85 add plasmid into PCR\_tube

-- 86-92 PCR contents ice bath

0\_1\_7

-- PCR

-- 0-128 mix and resuspend PCR contents

-- 129-136 PCR contents ice bath

-- 137-392 mix and resuspend PCR contents

-- 393-408 PCR contents ice bath

0\_1\_8

-- PCR

-- 0-215 mix and resuspend PCR contents

-- 216-241 centrifuge PCR contents

-- 242-282 mix and resuspend PCR contents

-- 283-302 PCR contents ice bath

1\_1\_9

-- PCR

-- PCR reaction

1\_1\_10

-- PCR

-- PCR reaction

0802:

0\_0\_5

-- Plasmid Maxiprep

-- 0-44 filter by column

-- 45-260 add isopropanol into mixture

0\_0\_7

-- Plasmid Maxiprep

-- elute plasmid into EP\_tube

0\_0\_9

-- Plasmid Maxiprep

-- elute plasmid into EP\_tube

0\_0\_10

-- Plasmid Maxiprep

-- add buffer\_QC into EP\_tube

0\_0\_16

-- Plasmid Maxiprep II

-- discard bacteria supernatant

0\_0\_17

-- Plasmid Maxiprep II

-- discard bacteria supernatant

0\_0\_18

-- Plasmid Maxiprep

-- 0-86 add solution\_P1 into bacteria

-- 68-135 mix and resuspend bacteria

0\_0\_19

-- Plasmid Maxiprep

-- 0-88 add solution\_P1 into bacteria

-- 0-88 mix and resuspend bacteria

0\_0\_20

-- Plasmid Maxiprep

-- 0-24 add solution\_P1 into bacteria

-- 0-264 mix and resuspend bacteria

0\_0\_21

-- Plasmid Maxiprep

-- mix and resuspend bacteria

0\_0\_22

-- Plasmid Maxiprep

-- 0-84 add buffer\_P2 into bacteria

-- 28-84 mix and invert bacteria

0\_0\_23

-- Plasmid Maxiprep

-- 0-30 add buffer\_P2 into bacteria

-- 0-86 mix and invert bacteria

0\_0\_24

-- Plasmid Maxiprep

-- 0-94 add buffer\_P3 into bacteria

-- 95-100 mix and invert bacteria

0\_0\_25

-- Plasmid Maxiprep

-- 0-10 add buffer\_P3 into bacteria

-- 0-50 mix and invert bacteria

-- 41-50 add buffer\_P3 into bacteria

0\_0\_26

-- Plasmid Maxiprep

-- 0-35 add buffer\_P3 into bacteria

-- 36-127 mix and invert bacteria

0\_1\_1

-- Plasmid Maxiprep

-- add toxin\_buffer into column

0\_1\_2

-- Plasmid Maxiprep

-- add WB2\_buffer into column

0\_1\_3

-- Plasmid Maxiprep

-- add WB2\_buffer into column

0\_1\_4

-- Plasmid Maxiprep

-- 0-177 filter by column

-- 178-316 add WB2\_buffer into column

0\_1\_6

-- Plasmid Maxiprep

-- 0-103 discard bacteria supernatant

-- 104-391 add isopropanol into mixture

0\_1\_8

-- Plasmid Maxiprep

-- add isopropanol into mixture

0\_1\_11

-- Plasmid Maxiprep

-- add plasmid into EP\_tube

0\_1\_12

-- Glue recycling

-- add dissolution into glue

0\_1\_13

-- Glue recycling

-- 0-44 centrifuge glue solution

-- 45-337 add glue into EP\_tube

0\_1\_14

-- Glue recycling

-- add wash\_buffer into EP\_tube

0803:

0\_1\_0\_1

-- Plasmid Maxiprep II

-- discard bacteria supernatant

0\_1\_0\_2

-- Plasmid Maxiprep II

-- discard bacteria supernatant

0\_1\_1

-- Plasmid Maxiprep II

-- 0-300 add solution\_I into bacteria

-- 301-575 mix and resuspend bacteria

0\_1\_2

-- Plasmid Maxiprep II

-- add solution\_I into bacteria

0\_1\_3\_1

-- Plasmid Maxiprep II

-- 0-194 add solution\_II into bacteria

-- 195-380 mix and invert mixture

0\_1\_3\_2

-- Plasmid Maxiprep II

-- 0-42 add solution\_II into bacteria

-- 43-126 mix and invert mixture

0\_1\_4\_1

-- Plasmid Maxiprep II

-- 0-42 add solution\_N3 into bacteria

-- 43-95 mix and invert mixture

0\_1\_4\_2

-- Plasmid Maxiprep II

-- 0-30 add solution\_N3 into bacteria

-- 31-84 mix and invert mixture

0\_1\_4\_3

-- Plasmid Maxiprep II

-- 0-30 add solution\_N3 into bacteria

-- 31-96 mix and invert mixture

0\_1\_4\_4

-- Plasmid Maxiprep II

-- 0-51 add solution\_N3 into bacteria

-- 52-112 mix and invert mixture

0\_1\_5

-- Plasmid Maxiprep II

-- 0-185 add isopropanol into mixture

-- 186-262 mix and invert mixture

0\_1\_6

-- Plasmid Maxiprep II

-- 0-75 discard mixture supernatant

-- 76-264 add mixture into column

0\_1\_7

-- Plasmid Maxiprep II

-- 0-45 discard mixture supernatant

-- 46-381 add mixture into column

0\_1\_8

-- Plasmid Maxiprep II

-- 0-40 discard mixture supernatant

-- 41-235 add mixture into column

0\_1\_9

-- Plasmid Maxiprep II

-- 0-48 discard mixture supernatant

-- 49-128 add mixture into column

0\_1\_10

-- Plasmid Maxiprep II

-- 0-49 discard mixture supernatant

-- 50-219 add toxin\_buffer into column

0\_1\_11

-- Plasmid Maxiprep II

-- 0-65 discard mixture supernatant

-- 66-174 add WB2\_buffer into column

0\_1\_12

-- Plasmid Maxiprep II

-- prepare buffer\_EB

0\_1\_13

-- Plasmid Maxiprep II

-- add buffer\_EB into column

0\_1\_14

-- PCR

-- add plasmid into EP\_tube

0\_1\_27

-- Plasmid Maxiprep II

-- mix and resuspend bacteria

0\_1\_28

-- Plasmid Maxiprep II

-- mix and resuspend bacteria

0\_1\_29\_1

-- Plasmid Maxiprep II

-- 0-28 add solution\_II into bacteria

-- 29-137 mix and invert mixture

0\_1\_29\_2

-- Plasmid Maxiprep II

-- 0-35 add solution\_II into bacteria

-- 36-148 mix and invert mixture

0\_1\_29\_3

-- Plasmid Maxiprep II

-- 0-30 add solution\_II into bacteria

-- 31-106 mix and invert mixture

0\_1\_30

-- Plasmid Maxiprep II

-- 0-74 add solution\_II into bacteria

-- 75-136 mix and invert mixture

0\_1\_31

-- Plasmid Maxiprep II

-- 0-15 add solution\_N3 into bacteria

-- 17-67 mix and invert mixture

0\_1\_32

-- Plasmid Maxiprep II

-- 0-35 add solution\_N3 into bacteria

-- 36-93 mix and invert mixture

0\_1\_33\_1

-- Plasmid Maxiprep II

-- 0-26 add solution\_N3 into bacteria

-- 27-86 mix and invert mixture

0\_1\_33\_2

-- Plasmid Maxiprep II

-- 0-44 add solution\_N3 into bacteria

-- 45-123 mix and invert mixture

0\_1\_34

-- Plasmid Maxiprep II

-- add isopropanol into mixture

0\_1\_35

-- Plasmid Maxiprep II

-- 0-98 add isopropanol into mixture

-- 99-201 mix and invert mixture

0\_1\_36

-- Plasmid Maxiprep II

-- 0-52 add solution\_II into bacteria

-- 53-138 mix and invert mixture

0\_1\_37

-- Plasmid Maxiprep II

-- 0-62 add solution\_II into bacteria

-- 63-175 mix and invert mixture

0\_1\_38\_1

-- Plasmid Maxiprep II

-- 0-37 add solution\_N3 into bacteria

-- 38-102 mix and invert mixture

0\_1\_38\_2

-- Plasmid Maxiprep II

-- 0-35 add solution\_N3 into bacteria

-- 36-81 mix and invert mixture

0\_1\_39\_1

-- Plasmid Maxiprep II

-- 0-30 add solution\_N3 into bacteria

-- 31-77 mix and invert mixture

0\_1\_39\_2

-- Plasmid Maxiprep II

-- 0-42 add solution\_N3 into bacteria

-- 43-93 mix and invert mixture

3\_1\_21\_1

-- E.coli transformation

-- 0-57 mix and resuspend E.coli

-- 58-62 E.coli ice bath

3\_1\_21\_2

-- E.coli transformation

-- 0-11 mix and resuspend E.coli

-- 12-21 E.coli ice bath

-- 22-60 add plasmid into E.coli

-- 61-70 E.coli ice bath

3\_1\_21\_3

-- E.coli transformation

-- 0-21 mix and resuspend E.coli

-- 22-92 E.coli ice bath

4\_1\_24

-- E.coli transformation

-- heat mixture

4\_1\_25

-- E.coli transformation

-- 0-20 mixture ice bath

-- 21-117 heat mixture

-- 118-133 mixture ice bath

0727:

0\_1\_0

-- LB\_solid\_medium preparation

-- 1-26 add dd\_water into flask

-- 26-76 add LB\_medium\_powder into flask

0\_1\_1

-- LB\_solid\_medium preparation

-- 0-57 add dd\_water into flask

-- 57-85 add LB\_medium\_powder into flask

0\_1\_2

-- Glue recycling

-- add wash\_buffer into EP\_tube

4\_1\_3

-- E.coli transformation

-- 0-97 add plasmid into E.coli

-- 98-109 mixture ice bath

-- 110-197 add plasmid into E.coli

-- 198-244 mixture ice bath

4\_1\_4

-- E.coli transformation

-- 0-175 heat mixture

-- 176-212 mixture ice bath

4\_1\_5

-- Glue recycling

-- add dissolution into glue

0726:

0\_1\_0

-- PCR

-- add dd\_water into mixture

0\_1\_1

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_2

-- PCR

-- add dd\_water into mixture

0\_1\_3

-- PCR

-- add plasmid into EP\_tube

0\_1\_4

-- Glue recycling

-- add dissolution into glue

0\_1\_5

-- SDCAA\_medium\_solution preparation

-- mix and invert mixture

0\_1\_6

-- SDCAA\_medium\_solution preparation

-- mix and invert mixture

0\_1\_7

-- LB\_solid\_medium preparation

-- mix and invert mixture

0\_1\_8

-- PCR products digest using DpnI enzyme

-- mix and invert mixture

3\_1\_9

-- Glue production

-- 0-190 weigh agarose

-- 191-225 add agarose into TAE\_buffer

3\_1\_11

-- Glue production

-- 0-79 weigh agarose

-- 80-94 add agarose into TAE\_buffer

3\_1\_12

-- Glue production

-- 0-235 weigh agarose

-- 236-310 add agarose into TAE\_buffer

3\_1\_13

-- Glue production

-- 0-127 weigh agarose

-- 128-155 add agarose into TAE\_buffer

4\_1\_14

-- PCR

-- centrifuge PCR contents

0721:

0\_1\_0

-- PCR products digest using DpnI enzyme

-- mix and invert mixture

0\_1\_1

-- Glue recycling

-- add dissolution into glue

0\_1\_3

-- Plasmid Maxiprep II

-- add isopropanol into mixture

0\_1\_4

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_5

-- Plasmid Maxiprep II

-- add buffer\_EB into column

0\_1\_6

-- Plasmid Maxiprep II

-- add buffer\_EB into column

0\_1\_7

-- Plasmid Maxiprep II

-- add buffer\_EB into column

3\_1\_8

-- Yeast transformation

-- mixture ice bath

3\_1\_9

-- Yeast transformation

-- mixture ice bath

3\_1\_10

-- Yeast transformation

-- mixture ice bath

3\_1\_11

-- LB\_solid\_medium preparation

-- 0-122 weigh agar\_powder

-- 122-184 add agar\_powder into flask

4\_1\_12

-- E.coli transformation

-- heat mixture

4\_1\_13

-- Yeast transformation

-- 0-3 heat mixture

-- 3-34 mixture ice bath

0720:

0\_1\_0

-- Glue recycling

-- add dissolution into glue

0\_1\_1

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_2

-- Plasmid Maxiprep

-- add buffer\_EB into column

0\_1\_3

-- Plasmid Maxiprep

-- add isopropanol into mixture

0\_1\_4

-- Glue recycling

-- 2-39 add glue into EP\_tube

-- 39-64 centrifuge glue solution

3\_1\_5

-- Glue production

-- 72-167 weigh agarose

-- 167-203 add agarose into TAE\_buffer

3\_1\_6

-- SDCAA\_medium\_solution preparation

-- 1-178 weigh yeast nitrogen base

-- 179-243 add yeast nitrogen base into flask

3\_1\_7

-- SDCAA\_medium\_solution preparation

-- weigh casamino acids

3\_0\_8

-- SDCAA\_medium\_solution preparation

-- 1-167 weigh Na2HPO4\_12H2O

-- 168-263 add Na2HPO4\_12H2O into bottle

-- 264-302 add dd\_water into bottle

3\_1\_9

-- SDCAA\_medium\_solution preparation

-- 1-226 weigh NaH2PO4\_H2O

-- 227-265 add NaH2PO4\_H2O into bottle

3\_1\_10

-- SDCAA\_medium\_solution preparation

-- 1-158 weigh sorbitol

-- 159-242 add sorbitol into flask

3\_1\_11

-- SDCAA\_medium\_solution preparation

-- 1-83 weigh sorbitol

-- 84-137 add sorbitol into flask

3\_0\_12

-- SDCAA\_medium\_solution preparation

-- 1-120 weigh sorbitol

-- 121-211 add sorbitol into bottle

3\_1\_13

-- LB\_solid\_medium preparation

-- 0-195 weigh agar\_powder

-- 196-252 add agar\_powder into flask

3\_1\_14

-- Glue production

-- 0-285 weigh agarose

-- 286-315 add agarose into TAE\_buffer

0712:

3\_1\_0

-- Glue production

-- 0-159 weigh agarose

-- 160-205 add agarose into TAE\_buffer

3\_1\_1

-- SDCAA\_medium\_solution preparation

-- 2-128 weigh Na2HPO4\_12H2O

-- 129-150 add Na2HPO4\_12H2O into bottle

3\_1\_2

-- SDCAA\_medium\_solution preparation

-- weigh NaH2PO4\_H2O

3\_1\_3

-- SDCAA\_medium\_solution preparation

-- 0-18 add dd\_water into bottle

-- 19-153 mix and invert mixture

3\_1\_4

-- SDCAA\_medium\_solution preparation

-- 0-15 add dd\_water into bottle

-- 16-135 mix and invert mixture

3\_1\_5

-- SDCAA\_medium\_solution preparation

-- 0-17 add NaH2PO4\_H2O into bottle

-- 18-42 add dd\_water into bottle

-- 43-163 mix and invert mixture

3\_1\_6

-- SDCAA\_medium\_solution preparation

-- weigh yeast nitrogen base

3\_1\_7

-- SDCAA\_medium\_solution preparation

-- 1-29 add yeast nitrogen base into bottle

-- 30-58 mix and invert mixture

3\_1\_8

-- SDCAA\_medium\_solution preparation

-- 1-57 weigh casamino acids

-- 58-80 add casamino acids into bottle

-- 81-91 mix and invert mixture

3\_1\_9

-- SDCAA\_medium\_solution preparation

-- 2-131 weigh sorbitol

-- 132-154 add sorbitol into bottle

3\_1\_10

-- SDCAA\_medium\_solution preparation

-- 1-44 weigh sorbitol

-- 45-65 add sorbitol into bottle

3\_1\_11

-- SDCAA\_medium\_solution preparation

-- 1-53 weigh sorbitol

-- 54-118 add sorbitol into bottle

3\_1\_12

-- SDCAA\_medium\_solution preparation

-- 1-40 mix and invert mixture

-- 41-98 add dd\_water into bottle

-- 99-212 mix and invert mixture

3\_1\_13

-- SDCAA\_medium\_solution preparation

-- add dd\_water into bottle

0201:

0\_1\_0

-- Glue recycling

-- 0-86 add dissolution into glue

-- 87-127 centrifuge glue solution

0\_1\_1

-- Plasmid Maxiprep II

-- add buffer\_EB into EP\_tube

0\_1\_2

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_3

-- LB\_solid\_medium preparation

-- 0-31 add LB\_medium\_powder into flask

-- 32-47 add dd\_water into graduated cylinder

0\_1\_4

-- LB\_solid\_medium preparation

-- 0-44 add dd\_water into graduated cylinder

-- 45-62 add dd\_water into flask

-- 63-79 mix and invert mixture

0\_1\_5

-- LB\_solid\_medium preparation

-- 1-12 mix and invert mixture

-- 13-32 add dd\_water into flask

-- 33-44 mix and invert mixture

0\_1\_6

-- LB\_solid\_medium preparation

-- 2-31 add LB\_medium\_powder into flask

-- 55-104 add dd\_water into graduated cylinder

0\_1\_7

-- LB\_solid\_medium preparation

-- 1-11 add agar\_powder into flask

-- 12-27 add dd\_water into flask

-- 28-55 mix and invert mixture

-- 78-100 add dd\_water into flask

-- 101-130 mix and invert mixture

0\_1\_8

-- PCR fragment recycling

-- transfer DNA from PCR\_tube into EP\_tube

0\_1\_9

-- PCR products digest using DpnI enzyme

-- 0-81 add NEB\_buffer into EP\_tube

-- 82-171 add dd\_water into mixture

-- 172-280 add DpnI enzyme into EP\_tube

3\_1\_10

-- LB\_solid\_medium preparation

-- weigh agar\_powder

4\_1\_11

-- PCR

-- centrifuge PCR contents

4\_1\_12

-- PCR

-- centrifuge PCR contents

4\_1\_13

-- Yeast transformation

-- thaw carrier\_DNA

4\_1\_14

-- E.coli transformation

-- 0-40 insert EP\_tube into float

-- 41-130 heat mixture

-- 131-178 mixture ice bath

-- 179-202 place LB\_medium on ice

0131:

0\_1\_0

-- PCR products digest using DpnI enzyme

-- add dd\_water into mixture

0\_1\_1

-- PCR products digest using DpnI enzyme

-- add dd\_water into mixture

0\_1\_2

-- PCR

-- add plasmid into EP\_tube

0\_1\_3

-- PCR

-- add plasmid into EP\_tube

0\_1\_4

-- PCR

-- add plasmid into EP\_tube

0\_1\_5

-- PCR

-- add plasmid into EP\_tube

0\_1\_6

-- Plasmid Maxiprep II

-- mix and invert mixture

0\_1\_8

-- PCR

-- transfer mixture from EP\_tube to PCR\_tube

0\_1\_9

-- PCR

-- transfer mixture from EP\_tube to PCR\_tube

0\_1\_10

-- PCR

-- transfer mixture from EP\_tube to PCR\_tube

0\_1\_11

-- PCR

-- transfer mixture from EP\_tube to PCR\_tube

0\_1\_12

-- PCR

-- transfer mixture from EP\_tube to PCR\_tube

0\_1\_13

-- Glue recycling

-- 0-40 add dissolution into glue

-- 41-123 add isopropanol into mixture

0\_1\_14

-- PCR fragment recycling

-- transfer DNA from PCR\_tube into EP\_tube

0\_1\_15

-- PCR fragment recycling

-- transfer DNA from PCR\_tube into EP\_tube

0\_1\_16

-- PCR fragment recycling

-- transfer DNA from PCR\_tube into EP\_tube

0\_1\_17

-- PCR fragment recycling

-- add dissolution into DNA mixture

0\_1\_18

-- PCR fragment recycling

-- centrifuge and mix mixture

0\_1\_19

-- Glue recycling

-- add glue into EP\_tube

0\_1\_20

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_21

-- Glue recycling

-- add buffer\_EB into EP\_tube

0\_1\_22

-- Plasmid Maxiprep

-- add solution\_P1 into bacteria

0\_1\_23

-- Plasmid Maxiprep

-- mix and resuspend bacteria

0\_1\_24

-- Plasmid Maxiprep

-- 0-41 mix and resuspend bacteria

-- 42-47 remove bacteria into tube

0\_1\_25

-- Plasmid Maxiprep

-- 1-43 mix and resuspend bacteria

-- 44-52 remove bacteria into tube

0\_1\_26

-- Plasmid Maxiprep

-- add buffer\_P2 into bacteria

0\_1\_27

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_28

-- Glue recycling

-- add wash\_buffer into EP\_tube

0\_1\_29

-- Plasmid Maxiprep II

-- 0-53 discard mixture supernatant

-- 54-100 add WB2\_buffer into column

0\_1\_30

-- Plasmid Maxiprep II

-- 0-52 discard mixture supernatant

-- 53-101 add WB2\_buffer into column

0\_1\_31

-- Glue recycling

-- add buffer\_EB into EP\_tube

3\_1\_32

-- Glue production

-- 0-90 weigh agarose

-- 91-139 add agarose into TAE\_buffer

3\_1\_33

-- Yeast transformation

-- remove yeast cells into 96-well plates

3\_1\_34

-- Yeast transformation

-- remove yeast cells into 96-well plates

3\_1\_35

-- Yeast transformation

-- remove yeast cells into 96-well plates

3\_1\_37

-- Yeast transformation

-- remove yeast cells into 96-well plates

3\_1\_38

-- Yeast transformation

-- remove yeast cells into 96-well plates

3\_1\_39

-- Glue recycling

-- add buffer\_EB into EP\_tube

3\_1\_40

-- Glue recycling

-- add buffer\_EB into EP\_tube

3\_1\_41

-- E.coli transformation

-- 1-89 melt plasmid

-- 90-112 add plasmid into EP\_tube

3\_1\_42

-- PCR

-- add plasmid into EP\_tube

3\_1\_43

-- PCR

-- add plasmid into EP\_tube

3\_1\_44

-- PCR

-- add plasmid into EP\_tube

3\_1\_45

-- Yeast transformation

-- mixture ice bath

3\_1\_46

-- E.coli transformation

-- plate bacterial cells onto LB\_medium\_plate

3\_1\_47

-- SDCAA\_medium\_solution preparation

-- 0-141 weigh Na2HPO4\_12H2O

-- 142-164 add Na2HPO4\_12H2O into bottle

3\_1\_49

-- SDCAA\_medium\_solution preparation

-- 0-72 weigh NaH2PO4\_H2O

-- 73-95 add NaH2PO4\_H2O into bottle

3\_1\_50

-- LB\_solid\_medium preparation

-- 1-14 add dd\_water into flask

-- 15-42 mix and invert mixture

-- 43-70 add dd\_water into flask

-- 71-93 mix and invert mixture

3\_1\_51

-- SDCAA\_medium\_solution preparation

-- weigh yeast nitrogen base

3\_1\_52

-- SDCAA\_medium\_solution preparation

-- 0-20 mix and invert mixture

-- 21-37 add yeast nitrogen base into flask

3\_1\_53

-- SDCAA\_medium\_solution preparation

-- 0-84 weigh casamino acids

-- 85-107 add casamino acids into bottle

3\_1\_54

-- SDCAA\_medium\_solution preparation

-- 0-135 weigh sorbitol

-- 136-154 add sorbitol into flask

3\_1\_55

-- SDCAA\_medium\_solution preparation

-- 0-99 weigh sorbitol

-- 100-156 add sorbitol into flask

-- 157-203 mix and invert mixture

3\_1\_56

-- Plasmid Maxiprep

-- remove bacteria into tube

4\_1\_57

-- PCR

-- centrifuge PCR contents

4\_1\_58

-- Yeast transformation

-- heat mixture

4\_1\_60

-- Yeast transformation

-- 0-10 heat mixture

-- 11-93 mix and invert mixture

4\_1\_61

-- Yeast transformation

-- 0-31 heat mixture

-- 32-155 mix and invert mixture

4\_1\_62

-- E.coli transformation

-- 0-12 mixture ice bath

-- 13-70 insert EP\_tube into float

-- 71-82 heat mixture

4\_1\_63

-- E.coli transformation

-- 1-7 mixture ice bath

-- 8-65 insert EP\_tube into float

-- 66-85 heat mixture

-- 86-141 insert EP\_tube into float

-- 142-233 heat mixture

4\_1\_65

-- Yeast transformation

-- 1-88 heat mixture

-- 89-90 mixture ice bath

-- 91-118 heat mixture

4\_1\_66

-- Yeast transformation

-- heat mixture

4\_1\_67

-- Yeast transformation

-- 0-5 mixture ice bath

-- 6-144 heat mixture

-- 145-166 mixture ice bath

4\_1\_68

-- Yeast transformation

-- 1-135 heat mixture

-- 136-154 mixture ice bath

4\_1\_69

-- E.coli transformation

-- 0-15 mixture ice bath

-- 16-71 plate bacterial cells onto LB\_medium\_plate

1017:

0\_1\_0

-- PCR

-- add plasmid into PCR\_tube

0\_1\_1

-- Plasmid Maxiprep II

-- mix and invert mixture

0\_1\_2

-- PCR

-- add dd\_water into PCR\_tube

0\_1\_3

-- Glue recycling

-- 0-66 add dissolution into glue

-- 79-194 add plasmid into PCR\_tube

0\_1\_4

-- Plasmid Maxiprep II

-- mix and invert mixture

0\_1\_5

-- PCR

-- add enzyme into EP\_tube

0\_1\_6

-- PCR

-- 0-40 add dd\_water into mixture

-- 41-78 mix and invert mixture

3\_1\_10

-- Glue production

-- 0-108 weigh agarose

-- 109-140 add agarose into TAE\_buffer

3\_1\_11

-- Glue production

-- 0-117 weigh agarose

-- 118-160 add agarose into TAE\_buffer

3\_1\_12

-- ELISA

-- 1-95 weigh BSA

-- 98-116 add BSA into tube

3\_1\_13

-- ELISA

-- 1-57 weigh BSA

-- 68-96 add BSA into tube

4\_1\_7

-- Plasmid Maxiprep II

-- 1-30 mix and invert mixture

-- 31-75 heat mixture

4\_1\_8

-- Plasmid Maxiprep II

-- 4-41 mix and invert mixture

-- 42-66 heat mixture

4\_1\_9

-- Yeast transformation

-- heat and thaw YPD\_medium

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