n ron rotion	Marine MADNAL to CO OC in dry Doth (*for accuracing your LIDNA)
prepration	Warm MBW to 60 °C in dry Bath (*for sequencing use UPW) Brian PDA by "an income 4 °C and income."
	Bring PD1 buffer from 4 °C on ice
	Make Sure nanodrop is available Prior 10 by is such at all 50 and take (at art as) from a ballon.
Oton 4	Bring 16 hr incubated 50 ml tube (starter) from shaker
Step 1:	Centrifuge The starter for 10 min at 4000 rpm
Harvesting	Discharge the supernatant carefully, do not lose the pellet
Step 2:	Brake the pellet by vortex
Resuspension	 Add 200 μl of PD1 Buffer (make sure RNase A was added) and
	resuspend the pellet by vortex or pipette
	Transfer the supernatant to 1.5 ml microcentrifuge tube
Step 3:	 Add 200 μl of PD2 Buffer then mix gently by inverting the tube 10
Lysis	times. Do not vortex! to avoid shearing the gDNA.
	 Let stand at room temperature for 2 min to ensure the lysate is
	homologous
Step 4: Neutralization	 Add 300 μl of PD3 Buffer then immediately invert the tube 10 times.
	Do not vortex! to avoid shearing the gDNA.
	Centrifuge for 5 min at 16000g
Step 5:	 Place a PD column in a 2 ml collection tube then transfer the
DNA binding	supernatant to the PD column
	 Centrifuge for 1 min at 16000g
	 Discard the flow-through and dry on wetman
	 Place the PD column back in a 2 ml collection tube
Step 6:	 Add 400 μl of W1 Buffer in to the PD column. Centrifuge for 1 min
Wash	at 16000g. Discard the flow-through and dry on wetman. Place the
	PD column back in a 2 ml collection tube
	 Add 600 μl of Wash Buffer (make sure absolute ethanol was
	added) in to the PD column
	 Centrifuge for 1 min at 16000g
	 Discard the flow-through and dry on wetman. Place the PD column
	back in a 2 ml collection tube
	 Centrifuge for 3 min at 16000g to dry the column matrix
	Transfer the dried PD column to new 1.5 ml microcentrifuge tube
Step 7:	 Add 32 μl of MBW (*for sequencing UPW) into the center of PD
DNA Elution	column matrix
	 Let stand at room temperature for 2 min to allow the MBW to be
	completely absorbed
	 Centrifuge for 2 min at 16000g to elute the purified DNA
Cleanup and	 Measure the concentration by nanodrop. Write the concentration on
storage	the microcentrifuge tube. Use the same MBW as blank!
	 Store the purified DNA in -20 °C freezer
	 Store PD1 in 4 °C
	 Store all the rest buffer in room temperature