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Double Digestion of Insert DNA

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Protocol status: Working
We use this protocol and it's working

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Abstract

Combined enzyme volume should not exceed 1/10 of the total reaction volume.
For **double** digestion with **two** FastDigest restriction enzymes, mix:
Write down the name DNA tube used and its concentration.
clean and concentrate the sample after digest in 10µL Water

	PCR Purified 2016.07.25	ng/uL
	Gene DNA Tube X	50
	Component	Volume x2µl]
	Sterile MilliQ Water	24
	10x FastDigest Buffer	4
	PCR-amplified DNA	8
	FastDigest Enzyme 1	2
	FastDigest Enzyme 2	2
	Total Volume	40
	Total ng of DNA	400

Mix gently and spin down.
Incubate at enzyme suitable conditions (45min)
Inactivate the enzyme at suitable conditions