

高通量基因體分析核心設施 定序核心設施  
Sequencing Application Form

申請者：\_\_\_\_\_ 單位/系所：\_\_\_\_\_ 日期：\_\_\_\_年\_\_\_\_月\_\_\_\_日  
實驗室主持人：\_\_\_\_\_ (如同申請者，免填) 電話：\_\_\_\_\_  
申請者 email：\_\_\_\_\_

## II-2. Illumina Sequencing Platform

Service Types (請勾選):

_____ C1-22	DNA sequencing sample preparation	數量: _____ sample
_____ C1-23	DNA paired-end sequencing sample preparation	數量: _____ sample
_____ C1-24	mRNA sequencing sample preparation	數量: _____ sample
_____ C1-25	ChIP sequencing sample preparation	數量: _____ sample
_____ C1-27	small RNA sequencing sample preparation	數量: _____ sample
_____ C1-116	rRNA depleted RNA sequencing sample preparation	數量: _____ sample
_____ C1-117	Nextera DNA sample preparation	數量: _____ sample
_____ C1-118	Nextera XT DNA sample preparation	數量: _____ sample
_____ C1-101	MiSeq single-read sequencing, 50 bp, 10 M reads/run	數量: _____ run
_____ C1-102	HiSeq single-read sequencing, 50 bp, 100 M reads/lane	數量: _____ lane
_____ C1-103	HiSeq single read sequencing, 100 bp, 100 M reads/lane	數量: _____ lane
_____ C1-104	MiSeq paired-end sequencing, 250 bp, 20 M reads/run	數量: _____ run
_____ C1-106	HiSeq paired-end sequencing, 100 bp, 200 M reads/lane	數量: _____ lane
_____ C1-115	MiSeq paired-read sequencing, 150 bp, 20 M reads/run	數量: _____ run
_____ C1-119	MiSeq paired-end sequencing 75 bp, 40 M reads/run	數量: _____ run
_____ C1-120	MiSeq paired-read sequencing 300 bp, 40 M reads/run	數量: _____ run
_____ C1-122	MiSeq paired-end sequencing 150 bp, 1 M reads/run	數量: _____ run
_____ C1-123	MiSeq paired-end sequencing 150 bp, 4 M reads/run	數量: _____ run
_____ C1-124	MiSeq paired-end sequencing 250 bp, 1 M reads/run	數量: _____ run
_____ C1-125	HiSeq paired-end sequencing 250 bp, 200 M reads/lane	數量: _____ lane

**備註:** 送樣樣本在本中心會再進行一次樣本濃度及品質的確認，如有不符合條件的樣本將會告知您。

**DNA required: total amount 10 ug, 200 ng/ul**

**Total RNA: total amount 10 ug; 1ug/ul for mRNA seq (DNase I-treated RNA in TE or RNase-free H<sub>2</sub>O), 1ug/ul for small RNA seq; RIN ≥ 8.0**

**ChIP sample: shear the chromatin to a target size of 100-300 bp; total ChIP DNA 100 ng, 10 ng/ul**

**樣品相關資訊請詳列於下頁**

(本欄請勿填寫)

代號：\_\_\_\_\_ 負責人：\_\_\_\_\_ 收件日期：\_\_\_\_/\_\_\_\_/\_\_\_\_

完成日期：\_\_\_\_/\_\_\_\_/\_\_\_\_

Contact: e-mail: sequence@ym.edu.tw Tel: 02-28267318 / 02-28267319 Fax: 02-2825-0305 劉孜孜 博士

樣 本 明 細 表

sample name	sample type (RNA, DNA, PCR product)	concentration (ng/ul)	OD 260/280 ratio	sample source	reference genome*

\* Please provide the GenBank accession number if mapping analysis is required