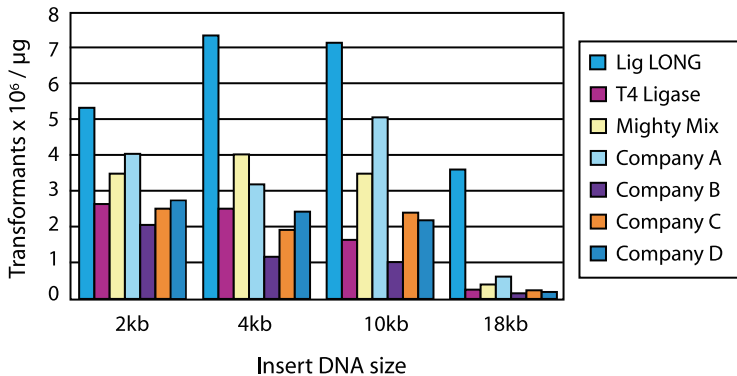


DNA Ligation Kit, LONG ~就是能接得比較長

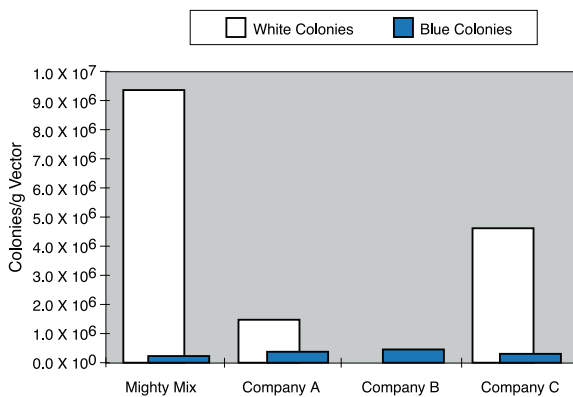
- 不管是 BAC DNA library ligation 或是大於 10 kb 長片段 insert 的 ligation 通通難不倒~
- 內附 18 kb control insert



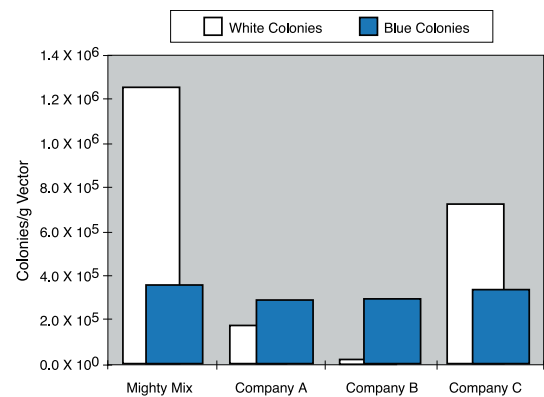
Comparison of Ligation Efficiency with Various DNA Ligation Kits. Several size DNA fragments, 2kb, 4kb, 10kb and 18kb digested by *Hin* d III were ligated into the cloning vector pUC118/*Hind* III/BAP using Ligation Kit Long (Lig LONG) and the other commercially available DNA ligation kits. Ligation reactants were transformed into *E. coli* DH5 α cells and grown overnight on LB-amp plates at 37°C.

DNA Ligation Kit, Mighty Mix ~ 超強改版

- 高效率，室溫僅需 5 分鐘即可完成實驗！
- 小體積，不浪費 sample ！
- T/A Cloning 用讚 · Blunt end cloning 用更讚！



Blunt-Ended Ligation Efficiency Comparison with Takara's DNA Ligation Kit, Mighty Mix and Three Competitors. A: Promega's, LigaFast™, B: BioLine's, QUICK-STICK and C: NEB, Quick Ligation™ Kit. Each ligation reaction contained 25 fmol of BAP-treated pUC118-*Hinc* II vector and 75 fmol of a 500 bp insert.



T/A-Vector Ligation Efficiency Comparison of Takara's DNA Ligation Kit, Mighty Mix Against Three Competitors: A: Promega, LigaFast™, B: BioLine, QUICK-STICK and C: NEB, Quick Ligation™ Kit. Each ligation reaction contained 13 fmol of a pT7 Blue T-Vector and 39 fmol of a 2.08 kb PCR product.

Catalog number	Product name	Size
6023	DNA Ligation Kit, Mighty Mix	5X 150 ul (75-150 rxns)
6023-1	DNA Ligation Kit, Mighty Mix	150 ul (15-30 rxns)
6024	DNA Ligation Kit LONG, 50 rxns	10 rxn for blunt end 50 rxn for cohesive end