

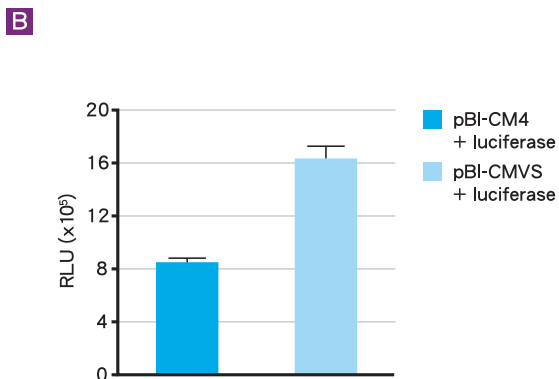
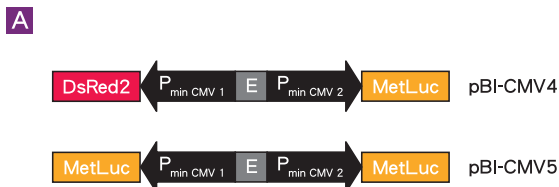
## Expression Vectors

## Bidirectional Expression Vectors

- ◆ 在哺乳細胞中同時大量表現兩個蛋白
- ◆ 五種載體任你選
- ◆ 由於兩蛋白表現程度相同，螢光或冷光基因表現反射出 Target gene 的表現程度



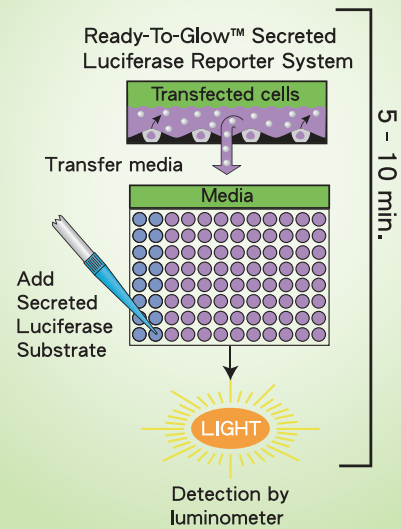
### 同步等量的表現兩種蛋白



Both promoters in the bidirectional vectors are of equivalent strength. HEK-293 cells were transfected with either the pBI-CMV5 or pBI-CMV4 vectors, each containing the MetLuc gene in the "Gene A" position (Panel A). MetLuc expression was twice as high (2.16:1) in the cells transfected with the pBI-CMV5 construct containing two copies of the MetLuc reporter compared with its expression in the cells transfected with pBI-CMV4 (containing only one copy of the MetLuc reporter) (Panel B). As shown here, the expression of the reporter MetLuc or DsRed2 can be correlated with the expression of the reporter gene. RLU, relative light units.

### Why MetLuc?

1. 不需 lysis，不耗損細胞，反覆測定也 ok。
2. 只取 media，total assay 時間只需 10 分鐘。
3. 單一步驟，方便自動化操作。



### 訂購資訊

Catalog	Product Name	Package
631630	pBI-CMV1 Vector	20 ug
631631	pBI-CMV2 Vector	20 ug
631632	pBI-CMV3 Vector	20 ug
631633	pBI-CMV4 Vector	20 ug
631757	Bidirectional Secreted Luciferase System	pBI-CMV5 and 100 assays